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2024  
28-31 AUG  
ROME



Persisting  
with  
change

Organisers:

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European Association  
of Archaeologists



SAPIENZA  
UNIVERSITÀ DI ROMA

symposia

August 28<sup>th</sup>-31<sup>st</sup>  
Rome - Italy

PROGRAMME BOOK



EAA 2024 mobile app

# PROGRAMME BOOK

**30<sup>TH</sup> EAA ANNUAL MEETING  
ROME, ITALY  
28<sup>TH</sup> – 31<sup>ST</sup> AUGUST 2024**

## 30th EAA Annual Meeting (Rome, Italy 2024) - Programme Book

Names, titles and affiliations are reproduced as submitted by the session organisers and/or authors. Language and wording of titles and abstracts were not revised. If consecutive authors share the same affiliation, the affiliation is listed in brackets after the name of the last author in the group.

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European Association of Archaeologists

Rome, August 2024

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# WELCOME TO ROME



## Alessandro Vanzetti

The Rome Scientific and Organising Committees and all the Institutions responsible for archaeology in the city of Rome and the region of Latium warmly welcome the members of the EAA.

The 30th Annual Meeting of our prestigious European Association of Archaeologists at last takes place in Rome, one of the most significant sites for world archaeology and history, from the 28th to the 31st of August 2024, Wednesday to Saturday, as usual.

The event is organised by the Department of Ancient World Studies of Sapienza University of Rome, in partnership with the Italian Ministry of Culture, the Municipality of Rome, and the Lazio Region, with support from the public Universities of Rome and Latium, the National Research Council, Foreign Academies, and Professional Organisations. The practical organising tasks are managed by Symposia srl, our PCO.

Rome, often called the Eternal City, has long been considered the capital of the world -caput mundi- and is renowned for its immense beauty. Known as the „open city“ during World War II, it ideally embraces the world and its inhabitants. Its history spans from the vibrant prehistory of villages around the „blonde“ Tiber River to the founding of the city on the hills close to a natural river's crossing, ultimately leading to the establishment of the Republic and Empire, built on law and rights, not just on military power. The significant transformation in late antiquity, becoming the seat of the Catholic Church, with a global vision, marks a major continuity through change. After the disasters of Fascism and World War II, it hosted the signing of the treaty that led to the foundation of the European Union. Rome is presently also home to the FAO (Food and Agriculture Organization) and ICCROM (International Centre for the Study of the Preservation and Restoration of Cultural Property, and its Police for the recovery of looted and illicitly trafficked archaeological materials is an outstanding model (Carabinieri for the Protection of Cultural Heritage). The commitment to lawfulness and international cooperation persists, despite the dark periods of its past.

Rome is also a populous city of modern life, where innovation must be reconciled with the ubiquitous remains of the past: a difficult task, where archaeologists act not only as servants of the public institutions and of the communities, but they promote

the relevance of the past as informed stakeholders.

And Rome and its past inspire authors, also as a source of metaphors, such as in literature, theatre, and cinema. Shakespeare spoke of Rome, in his „Julius Caesar“, a tragedy touching human responsibility toward citizens, the State, and friendship. Peplum-style movies like Wyler's „Ben Hur“ and Scott's modern peplum „Gladiator“ keep high the memory of the city in a wide public. But Roma finds its best images in visionary looks, like those by Federico Fellini, who gave us a poetic rendering of the conflict between past and modernity, in the movie „Roma“, when the digging of the Metro line comes through ancient Roman buildings, and wall paintings that start fading away. This scene remains particularly impressive to us archaeologists. In other visionary movies, like Greenaway's „Belly of an Architect“, or Sorrentino's „Great Beauty“ images of Roman monuments and ruins are part of stories resounding with Rome's grandeur and fall: the persistent, dwindling equilibrium of being human.

Indeed, Rome is an excellent place to study the human ability to persist through change, as our motto suggests.

Rome is, in fact, the seat of three public universities, many national and international Academies working on archaeology, and of a concentration of archaeologists in many different positions, as well as with independent scholars and workers. The quantity and quality of archaeological remains and this density of professionals are an incredible source of archaeological brainstorming, which we hope our delegates will fully appreciate.

In all disciplines, and also in archaeology, Italy is one of the European countries producing the highest number of expat scholars, of high quality, and I am certain many of them will be present at our Meeting. Moving people around, creating connections, generating debate is one crucial element of the EAA Meetings, perhaps even more important now, in a world that sees a worrying increase of lack of reciprocal comprehension, and of conflicts and wars. In a time of dangerous weakening of international Institutions where contrasts could be faced, and solved peacefully, we are here to affirm again our will of sharing research and results.

This upholds the spirit of the EAA founders, who wished to join together international archaeologists in a friendly environment for the creation of shared spaces. Let me remember here one of them in particular, Anna Maria Bietti Sestieri, who is one of the persons who most inspired our candidacy of Rome as the host city, and passed away last year.

We hope our efforts to create an inspiring programme, filled with stimulating themes for successful sessions and presentations, will meet your expectations. The keynote lectures and remarkable venues are designed to provide ample food for thought. The vibrant social events, which are a hallmark of all EAA Meetings, will foster new connections and collaborations.

We have carefully planned excursions to immerse you in archaeology and beauty, and we are confident that the city's lively spirit will create an unforgettable experience. As you explore Rome, you will continually encounter pieces of archaeology and history, both in the urban landscape and the surrounding countryside.

We look forward to welcoming you in person and virtually, in physical or digital Rome. Rome is forever and for everyone!

Ciao (as Italians say)!

### **Alessandro Vanzetti**

*Sapienza University of Rome,*

*Chair of the Scientific and Organising Committees*

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\*member of the EAA Scientific Advisory Committee

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- Stéphane Verger (Ministero della Cultura - Museo Nazionale Romano)
- Andrea Viliani (Ministero della Cultura - Museo delle Civiltà)

# THEMES

## 1. The Material Record: Current Trends and Future Directions

The material record represents the basis itself of archaeology, even if relations, analyses and digital transformations are now responsible for much of the records we use for interpretation. Therefore, we have to continuously redefine the role of the material record, and to develop methods appropriate for its thorough integration in future developments of the discipline.

- Objects, collections, exhibitions
- Chaîne opératoire and technical variability
- Life products, trade items, artworks: multiple scales of the material record
- Concrete and immaterial: the archaeology of art
- Sampling strategies, up-to-date and future analytical capacities
- Material culture analyses
- Buildings and monuments from the past to the future
- Roads, fortifications, aqueducts: major infrastructures
- Henges, temples, churches, basilicas, fora: the public and sacred materiality
- Materiality of beliefs, legal acts, statements of power
- Cultures or Societies through artefacts
- Gendered materiality
- Interconnections between artefacts and ecofacts
- Looting, illicit trade, improper appropriation: the place and meaning of the material record

## 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

The tumultuous growth of the role of sciences in archaeology may create a gap with humanistic and historical approaches. Moreover, the digital age creates parallel worlds and the size of data increasingly require synthetical and all-encompassing tools, that call for rigorous checks to avoid circular arguments. As such, the hybrid nature of archaeology itself requires the gaps to be bridged, to enable the creation of robust and satisfactory results, visions, meanings and enjoyment.

- (Inter-)disciplinary trajectories

- Hyperspecialisation or global thinking
- High-tech and/or low-cost scientific and digital archaeology
- Science theory and ethics in the study of BioArChaeological and human remains
- Archaeometry and social science
- Geoarchaeology and the Anthropocene
- BioArChaeology in perspective
- From remote sensing to digital detection of the subterranean heritage
- Data modelling in archaeology
- Artificial Intelligence (AI) and archaeology: opportunities and ethical issues
- The role of archaeology in digital story mapping and story telling
- Assessing the humanitas of archaeological readings
- The archaeology of big data
- Data science, data sharing and open data: towards a collaborative framework
- The technical challenges of professional archaeology
- Applied archaeology

## 3. The Life of Archaeological Heritage in Society

Archaeological Heritage constitutes the basic record of past human activities. The theme focuses on the relationships between past and present, the role of Heritage in society, and how Heritage can contribute to improving the quality of life and our environment. The richness of the Archaeological Heritage in Rome is a striking example of both a problem and an opportunity for society.

- Archaeological Heritage as a burden or a resource for society?
- Archaeological Heritage (and) education
- Archaeological Heritage and museums
- Archaeological Heritage, conservation and management
- Cultural Heritage and cultural relationships
- Professional archaeology and Heritage: actors and matter
- Discourses of Archaeological Heritage
- Archaeology-Heritage-art networks

- Heritage, health and wellbeing: new and emerging challenges
- Scientific dissemination, press, social media, sensationalism and archaeology
- Experimental archaeology: making, understanding, storytelling
- Role of public archaeology in Heritage management
- Excavation, study, enhancement, maintenance: how to make it sustainable

#### 4. Persisting with Change: Theory and Archaeological Scrutiny

The motto of the Annual Meeting 'Persisting with Change' is a statement about the links between past and present: the remains of past days can be imposing, or almost negligible, but their persistence in the present is a point for reflection. Change is another inherent characteristic of the passage of time: „you'll never step in the same river“ (Heraclitus). How do archaeologists deal with the dilemma, of continuity/endurance/persistence while also playing a part in this process of transformation? Rome, with its material and immaterial memories of transformation is the ideal location for reflecting on these issues.

- Landscape archaeology and change
- Hominins, humans, transitions and persistence
- Contacts, movements, migrations
- Genders and transforms
- Human groups, cultural bonds, societies and economy in motion
- Settlement transformations, from mobile to sedentary, from village to urban, and more
- Collapse and resurgence
- Resilience and/or persistence in societies
- Behavioural change
- States, superstates and empires
- Sacred acts, cult and religion: 'times they were a-changing'?
- Recording and writing

#### 5. All Roads Lead to Rome: Multiscalar Interactions

The saying „all roads lead to Rome“ reflects the prominence of the City and the close connections between the centre and the periphery in the ancient Classical World. In a broader sense today, it means that archaeology can search for multiscalar interactions among regions, features, people, and material culture. By changing the

scale of our studies, both in time and space, we can bring Europe to the world and the world into Europe.

- Multiscalar archaeologies
- Townscapes, landscapes, skyscapes and seascapes
- Archaeology of diverse environments, societies and cultures
- Different demographics
- Connectivity and mobility through land, sea, sky
- Connectivity and networks
- Trade, exchange and consumption
- Pandemics and global impacts
- Integration and separation, links and borders
- Mobility, forced migration and diaspora
- Empires, powers, colonisers and the colonised
- Inequalities and dominant cultures
- Intersectionality

#### 6. The Mediterranean from Within

The Mediterranean Sea has been recognised as an arena of population movement and intense cultural and trade interactions, from its deep history to the context of imperial systems. Its potential for insular, coastal and peninsular systems, including 'continental islands', is a notable example of persistence and transformation. The diachronic growth of networks, their interactions, and external influences shape a part of the past world that is replete with different meanings for both scholars and the public.

- Coastal archaeology
- Shipwreck archaeology
- Islands and terrestrial fragments
- Mobility and networks of connectivity
- Ships and coastal/maritime industries
- Contacts, ports of trade, colonisation processes
- Maritime cultural landscapes
- Watery boundaries



- Localism and Mediterraneo-centricism: isolation and diversity
- Insularity and identities
- Roman Mediterranean life
- Mediterranean Empires
- Conflict, resilience and adaptation
- Orient and Occident
- Medieval superpowers in the 'Middle Sea' and beyond

## 7. Archaeology of Sustainability through World Crises, Climate Change, Conflicts and War

The study of the past plays a key role in addressing sustainability, shaping our perception of the present, and our views of the future: 'Historia magistra vitae', wrote Cicero. Indeed, the past has shaped the space in which we live, both positively and negatively: we are all obliged to reflect on the sustainability of the past and, above all, of its representation. The city of Rome is a paradigmatic case, with its long history layered in a complex palimpsest in which citizens and tourists merge, live and transform.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Scales of sustainability: the many starts of the Anthropocene</li> <li>• Environmental archaeology</li> <li>• Archaeology of resource exploitation</li> <li>• Responsible archaeology</li> <li>• Human impact and animal and plant species</li> <li>• Resilience and path dependence: reactions to crises</li> <li>• Sustainability of GDP, wealth, inequality of growth</li> <li>• Global, local and marginal</li> <li>• Whose archaeologies?</li> <li>• Sustainability of field archaeology and finite archaeological deposits</li> <li>• 'New' archaeologies, tools, para-</li> </ul> | <ul style="list-style-type: none"> <li>• digms, revolutions: are they robust or sustainable?</li> <li>• Sustainability of open access policies and academic careers</li> <li>• Museums and the general public: sustainability in storytelling or in telling history?</li> <li>• Archaeological heritage and tourism: poor and best practices</li> <li>• Narrative of conflict and war</li> <li>• Impact of vandalism and war</li> </ul> |
|---|---|

## VENUE INFORMATION

### Main Venue

Sapienza University of Rome  
Piazzale Aldo Moro 5  
00185 Roma



Sapienza University, founded in 1303, is one of Italy's oldest and largest universities, with about 120,000 students. The 30th EAA Annual Meeting will be held on its historic campus, near Termini central station and Policlinico Underground station. The campus, planned by Marcello Piacentini and completed in 1935, features a mix of rationalism and neo-classicism architecture, including works by prominent architects like Gio Ponti and frescoes by Mario Sironi.

### Registration & Helpdesk

Registration and EAA helpdesk are located in building CU003 (Lettere e Filosofia).

Registration opening hours:

- Wednesday, 28 Aug: 12:00 – 18:00
- Thursday, 29 Aug: 7:30 – 18:00
- Friday, 30 Aug: 7:30 – 18:00
- Saturday, 31 Aug: 7:30 – 13:00



### Badge & Access

Please collect your badge at the registration desk in building CU003 (Lettere e Filosofia) upon arrival. Badges must be worn at all times for entry to sessions and events.

### Volunteers

Volunteers in maroon colour T-shirts will be around the venue to help you. They are fellow archaeologists (local and international students, who have generously offered their time. We are most grateful for their contribution, as the Annual Meeting could not run without them.

### Wi-Fi

To access Sapienza Wi-Fi, please use the username and password that were sent to you by email (valid from 26.8.2024 to 31.8.2024). Additionally, you can also access Eudroam Wi-Fi using your Eudroam credentials, if you have them.

## Event Software & App

The EAA 2024 is a hybrid conference using the All in the Loop (AITL) event software to provide live session streaming, programme and venue information, exhibitor and speaker lists, and more.

**EAA 2024 web platform:** Delegates attending or presenting online should use the EAA 2024 web platform at <https://live.allintheloop.net/App/EAA/EAA2024>, integrated with Zoom. For instructions on connecting and using the platform, please visit the EAA 2024 website at <https://www.e-a-a.org/EAA2024>.

**EAA 2024 mobile app:** Those attending or presenting onsite in Rome are encouraged to use the mobile app (app name: EAA 2024 Rome, which can be downloaded from Google Play, the App Store, or by scanning the QR code on the unnumbered page of this booklet.

## Session Rooms

Session rooms are located in several buildings throughout the Sapienza University campus (please refer to the map on p. 25). Room capacities vary, and once full, no additional participants will be admitted. However, all sessions will be livestreamed through the EAA 2024 mobile app and web-based platform.

## Posters

Posters at EAA 2024 will be accessible as e-posters via e-poster boards on the basement floor of building CU003 (Lettere e Filosofia, in the Museum of Classical Art.

## Coffee Breaks & Lunches

Coffee breaks will be served from 10:15-11:00 and 15:45-16:30. Pre-ordered lunch packs will be available from 12:45-14:00. Please refer to the map on p. 25 for locations within the Sapienza University campus. University bistro (located at the campus entrance) and nearby eateries offer additional dining options (e.g. Bar Leonardi at Via dei Marrucini 44 or Giardino Verano at Piazzale del Verano).

## Parenting Facilities

A parenting room (with baby changing facilities) is available in building CU003 (Lettere e Filosofia, second floor (please ask at the registration desk).

## Cloakroom & Printing

A cloakroom service is available from 29 Aug – 31 Aug, 8:00 – 19:00 in building CU003 (Lettere e Filosofia, second floor (please ask at the registration desk). It also includes printing services.

# SAFETY GUIDE

## Security

The Sapienza University Security Service ensures a safe campus for everyone. Contact the Security Control Room (located at the campus main gate) at +39 06 49694231. A police station is available on campus weekdays from 8 a.m. to 8 p.m. at +39 06 490378, +39 06 49910966, or +39 06 49910383.

## Medical Assistance

For health emergencies, dial **112** or **118** for immediate assistance. During the EAA Annual Meeting, specific healthcare services will also be available on the Sapienza University campus.

In Italy, medical treatment for emergencies is free in public hospitals' Emergency Units, with a possible small co-pay for non-urgent cases. EU and UK citizens should carry a valid European Health Insurance Card (EHIC) or Global Health Insurance Card (GHIC) for free medical care.

## Fire Emergency

In case of a fire emergency, contact the Vigili del Fuoco (National Fire Service) directly at **115**, or use the European emergency number **112**, which will forward you to the appropriate service.

## Police Service

If you are the victim or witness of a crime in Italy, contact the Police Service or the Carabinieri. Dial **113** for the Police Service, or use the European emergency number **112**, which will forward you to the appropriate service. There is also a Police station inside Sapienza Campus (see map on p. 25).

## Travel Safety Tips

When outside the Annual Meeting venues, direct support from the EAA may be limited. It's important to exercise caution and heed local advice when exploring new destinations. Follow standard safety guidelines such as securing money and valuables in a safe place and keeping them out of view. Please be aware that buses and Metro A, which runs from Termini station to the Vatican, have experienced incidents of pickpocketing.

# ROME



## About the City

Rome, the capital of Italy, is renowned for its vast size and population, placing it among Europe's largest cities. Located on the Tiber River in the Lazio region of central-western Italy, Rome boasts a history spanning 28 centuries. Ancient Rome's contributions to law, warfare, art, literature, architecture, technology, and language have profoundly shaped Western civilization and continue to influence global culture today.

The city harbours possibly the world's highest concentration of historical and architectural treasures, with its centre designated as a UNESCO World Heritage Site, representing Western Europe's rich cultural heritage. Founded in 753 BCE, but settled since at least 1,500 BCE, Rome served as the capital of the Roman Kingdom, Republic, and Empire, dominating Western Europe and the Mediterranean region for 6 centuries, from the 1st century BCE to the 5th century CE.

Since the 1st century AD, Rome has been the seat of the Papacy and, following the decline of Byzantine rule in the 8th century, became the capital of the Papal States until 1870. It then became the capital of the Kingdom of Italy in 1871 and, subsequently, the Italian Republic in 1946. Since 1929, Rome has also hosted Vatican City, an independent city-state governed by the Pope.

During the Renaissance and Baroque periods, Rome flourished economically and culturally, becoming a prominent centre of architecture and art, fueled by its ties with influential patrons from Florence and the wealth of the papal court.

## Traveling to and from Airports

Rome has two airports: Fiumicino (FCO, the largest in Italy, located 34 km southwest of the city centre, and Ciampino (CIA, 16 km southeast, near Appia Road).

From FCO, the Leonardo Express train departs every 15/30 minutes to Termini Station (€14; 30-minute travel time; service time: 4:50 AM-11:05 PM from Termini; 5:38 AM-11:53 PM from FCO). The standard train connection with Rome (Train FL1, including Trastevere, Ostiense and Tiburtina Station (close to Sapienza) departs every 15/30 minutes (€8). Tickets must be validated before use.

Taxis to and from FCO have fixed fares for city centre trips (€ 50 per ca. 45 min. trip connecting any place inside the Roman walls (other prices for different destinations). Buses also connect FCO to Termini, like the Terravision Shuttle Bus (€6 one way or €11 return; 45-60 minutes).

From CIA, a shuttle bus to Termini costs from €6 and takes 40-50 minutes, oper-

ated by different companies. Booking in advance is recommended. Taxis from CIA to central Rome take about 30 minutes with a fixed fare (€ 31 per trip connecting any place inside the Roman walls; other prices for different destinations).

## Public Transport

### Metro

Rome's metro system comprises three lines (A, B, and C, still under construction). For most city explorations, you'll use lines A and B. Tickets are valid for all [ATAC Roma](https://www.atac.roma.it/) (<https://www.atac.roma.it/>) public transport, including metro, trams, buses (except tourist buses, and some regional trains (2nd class, Roma-Lido, Rome-Viterbo, and Rome-Giardinetti, but not to the airport. The metro operates daily from 5:30 am to 11:30 pm (until 1:30 am on Fridays and Saturdays).

### Public Buses

In areas like Trastevere, away from metro stops, buses provide extensive coverage using the same tickets. Tickets are available at metro and bus stations, tobacco shops, and newsstands. Validate your ticket before boarding; it's valid for 100 minutes, allowing transfers. Detailed routes are available at ATAC Roma website.

### Tickets

Tickets are sold at tobacconists, bars, some ATAC shops (e.g. Termini Station, and vending machines (e.g. metro stations) as soft rechargeable cards (Multi-BIT, which may cost €0.50. You can also use 'Tap & Go' with credit and some debit cards (<https://www.atac.roma.it/en/tickets-and-passes>). Children under 10 travel free with a paying adult. Remember to validate your ticket on buses and trams to avoid fines. Ticket types:

- BIT Metro Ticket: €1.50 for 100 minutes of travel, valid for one metro or train trip.
- Roma 24H Ticket: €7 for 24 hours of unlimited travel.
- Roma 48H / 72H Ticket: €12.50 for 48 hours or €18 for 72 hours.
- CIS Metro Ticket: €24 for 7 days of travel.
- The Roma Pass includes metro access for 48 or 72 hours, plus entry to attractions.

## Practical Information

### Climate

Rome enjoys a Mediterranean climate, characterized by mild winters and hot summers. August is particularly hot and dry, with average highs around 30°C and min-

imal rainfall. Expect abundant sunshine, averaging 9 to 11 hours per day during the summer.

### **Currency**

The official currency in Rome is the Euro (€). Exchange services are available at post offices, banks, and exchange offices, with post offices typically offering the lowest fees.

### **Credit Cards**

Major credit cards like Visa and Mastercard are widely accepted at hotels, restaurants, and shops in Italy. American Express and Discover are less commonly accepted. Many places now also support contactless payment methods such as Apple Pay. Taxis generally require cash unless using a taxi app.

### **Banks and ATMs**

ATMs are readily available throughout Rome, offering a convenient way to withdraw cash. Cash remains widely used, especially for smaller purchases like coffee or at smaller establishments like Bed and Breakfasts. ATMs often provide competitive exchange rates, and some may not charge commission fees. Check with your bank regarding potential foreign withdrawal fees.

### **Passport and Visa**

A valid passport is required for entry into Italy. Depending on your country of origin, you may need a visa. Contact your local consulate for specific requirements.

### **Opening Hours**

Most shops are open Monday to Saturday from approximately 9 am to 1-1:30 pm and 3:30 pm to 7:30 pm. Shops on main streets typically do not close for lunch and may have extended hours. Some stores in popular areas open on Sundays. Note that many small shops close for part or all of August.

### **Supermarkets**

Supermarkets generally operate from 6 am to midnight Monday to Saturday and from 1 pm to 6 pm on Sundays.

### **Time Zone**

Italy operates on Central European Time (CET, UTC+1 during standard time and UTC+2 during daylight saving time (summer). Adjust clocks forward by one hour during summer.

## **SAFE SPACE POLICY**

The EAA supports the rights and freedoms of its Members, ensuring a supportive environment at the Annual Meeting in Rome. Participants are expected to respect others' personal boundaries and engage in constructive criticism focused on topics, not individuals. The EAA has a zero-tolerance policy for sexual harassment and any inappropriate behaviour, with strict measures and local authority involvement if necessary.

To report incidents of discrimination, harassment, assault, bullying, or intimidation at an EAA Annual Meeting, please contact the Appeal and Anti-Harassment Committee in person or via email at [antiharassment@e-a-a.org](mailto:antiharassment@e-a-a.org). When reporting, please provide detailed information about the incident you experienced, witnessed, or are aware of (in English). If possible, include supporting documents such as emails, photographs, court decisions, or third-party findings in their original language. The Appeal and Anti-Harassment Committee will maintain strict confidentiality regarding the identities of those involved and the submitted documents throughout the handling process, including filing, sharing, and disposal.

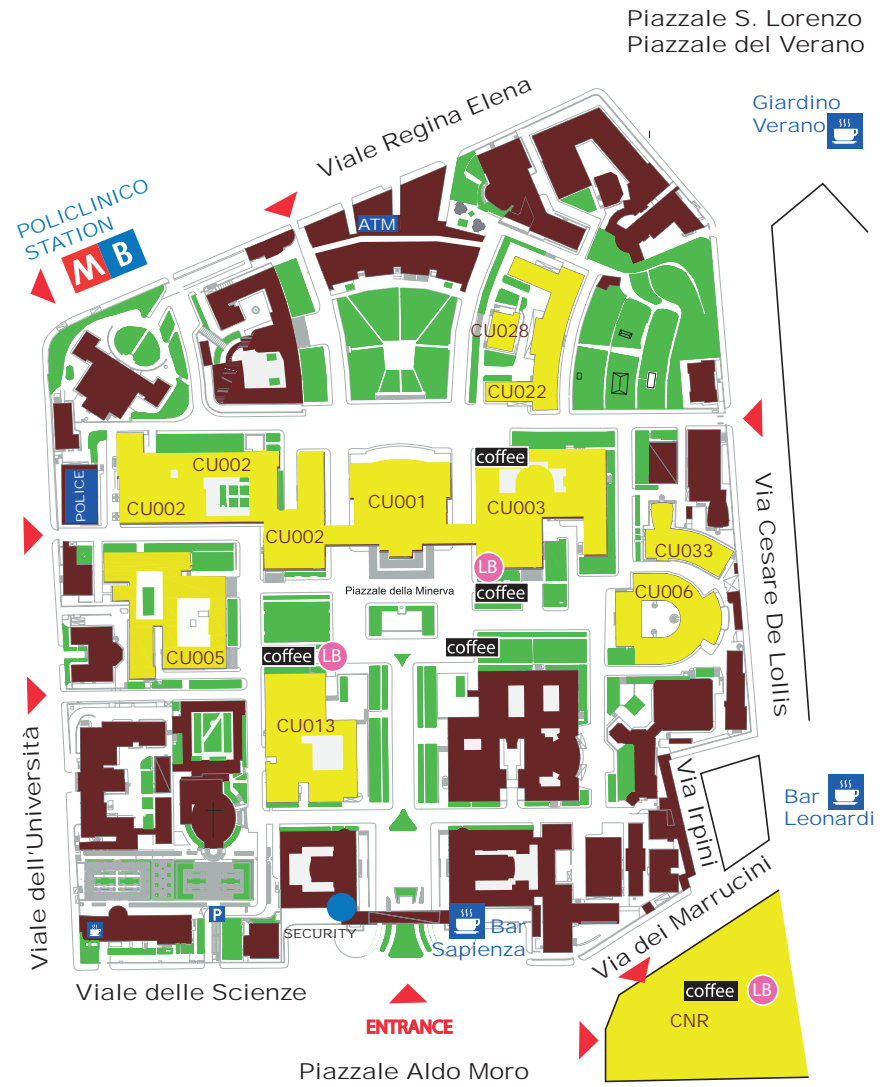
If the situation is urgent (e.g., both the complainant and the accused are present at the EAA Annual Meeting, you may request an escort from a fellow EAA Member to ensure adherence to the EAA Safe Space Policy. This escort can be arranged by emailing [antiharassment@e-a-a.org](mailto:antiharassment@e-a-a.org) or visiting the EAA desk near the registration area. For more information, please visit <https://www.e-a-a.org/EAA2024/safespace>.

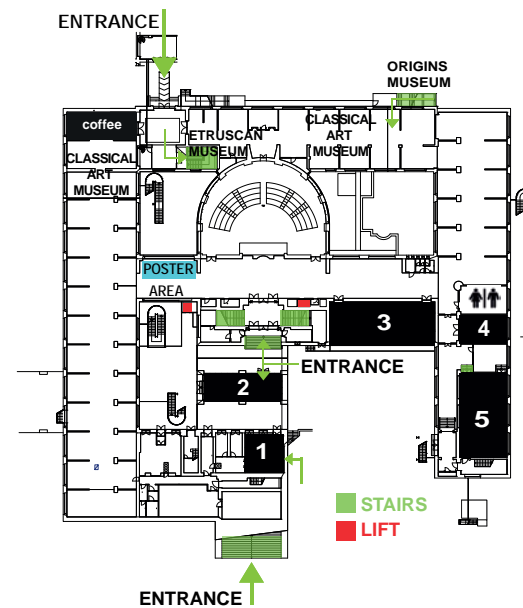
## **LGBTQIA+**

Italy ranks 34th in Europe for LGBTQIA+ rights according to Rainbow Europe. Rome's prominent [Circolo di cultura omosessuale „Mario Mieli,“](https://www.mariomieli.net/) (<https://www.mariomieli.net/>) named after historical activist Mario Mieli, organises the annual in June (<https://www.romapride.it/>), in conjunction with night events by [Muccassassina](https://www.muccassassina.com/) (<https://www.muccassassina.com/>).

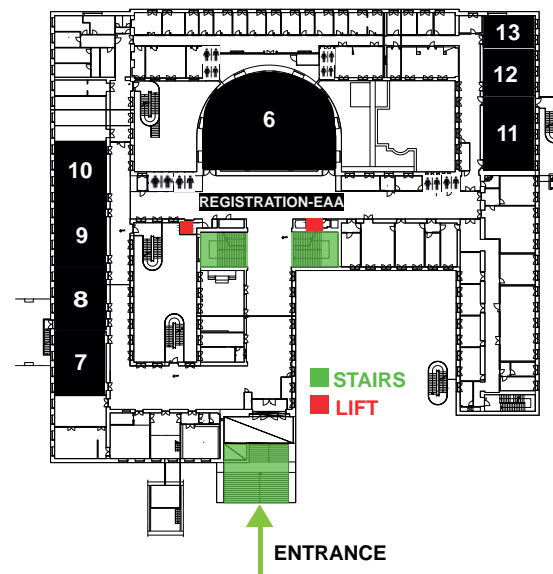
For support, the Rome municipality offers the Anti-homophobia and Transphobia Citizen Contact Centre [website](#).

MAPS

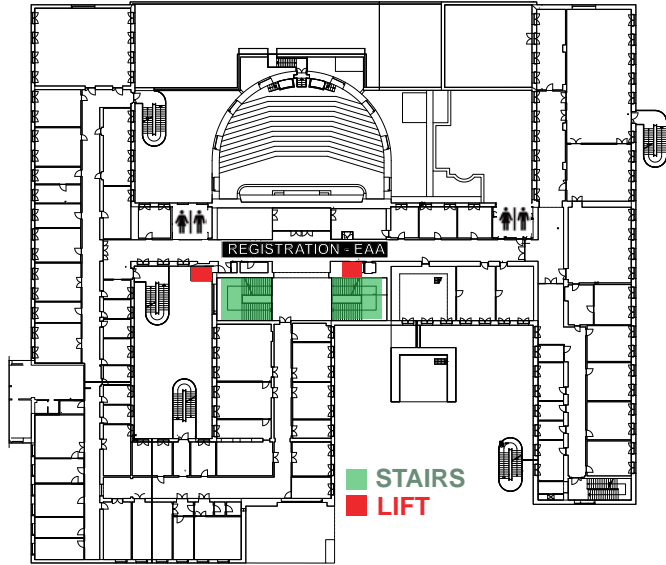




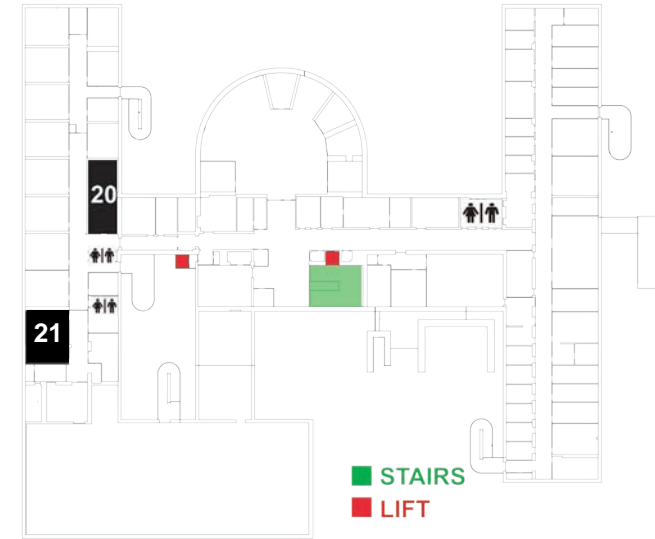
CU003 LETTERS - BASEMENT



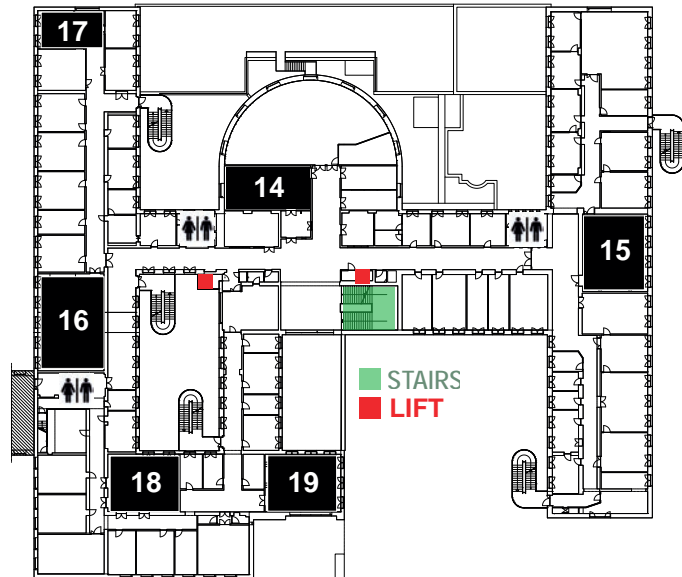
CU003 LETTERS - FLOOR 1



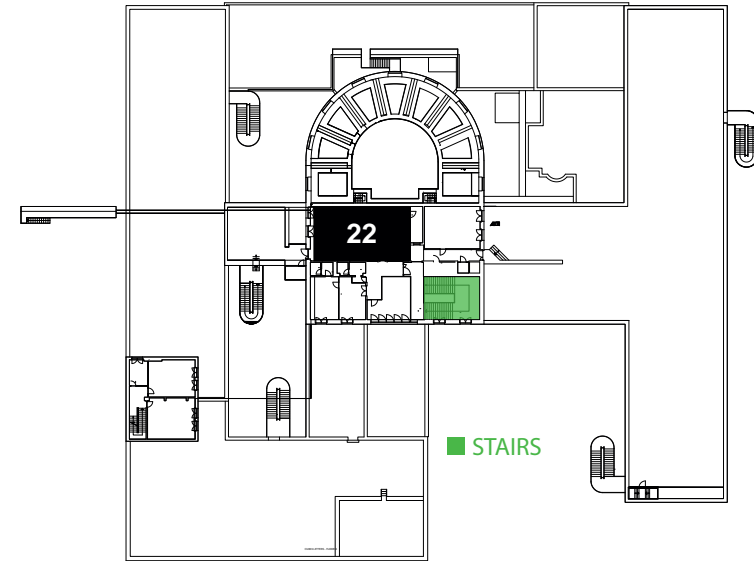
CU003 LETTERS - FLOOR 2



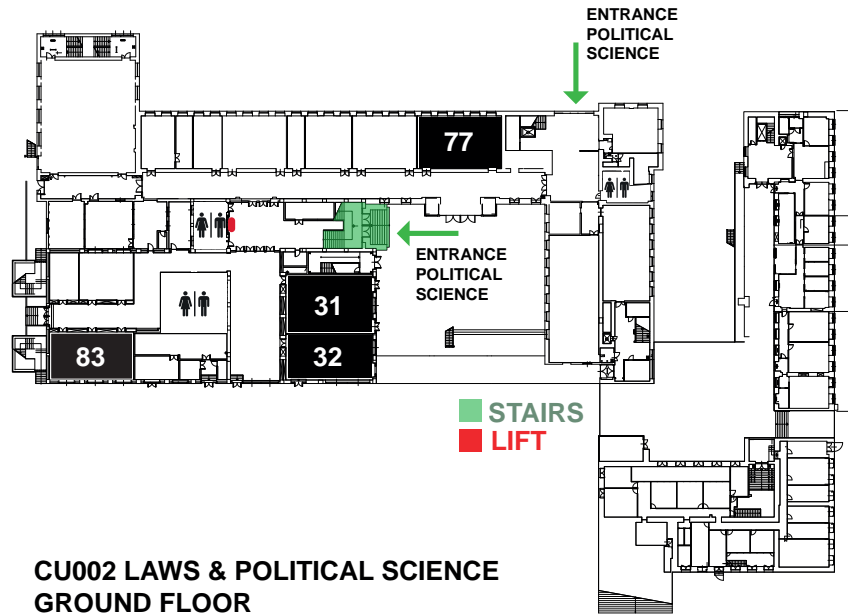
CU003 LETTERS - FLOOR 4



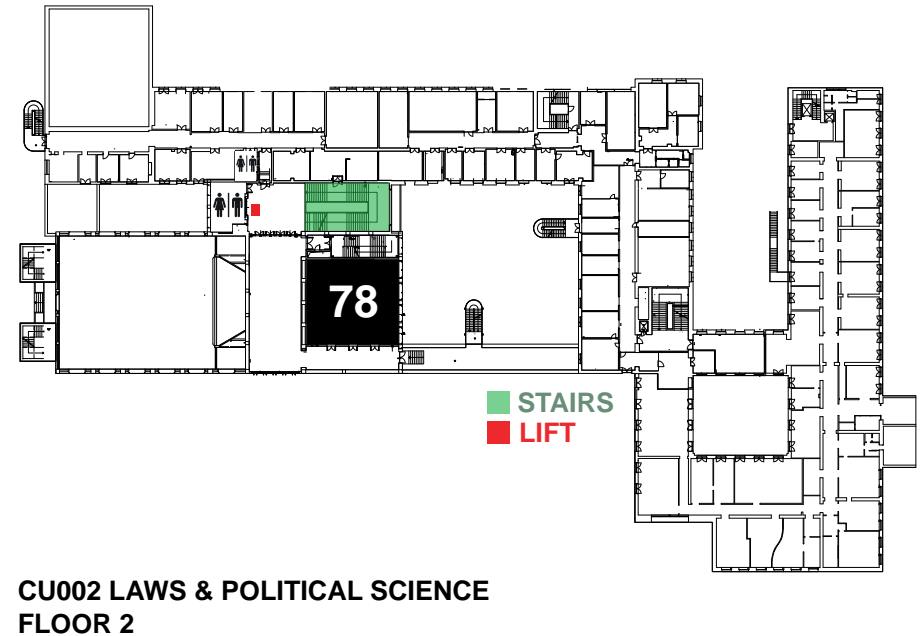
CU003 LETTERS - FLOOR 3



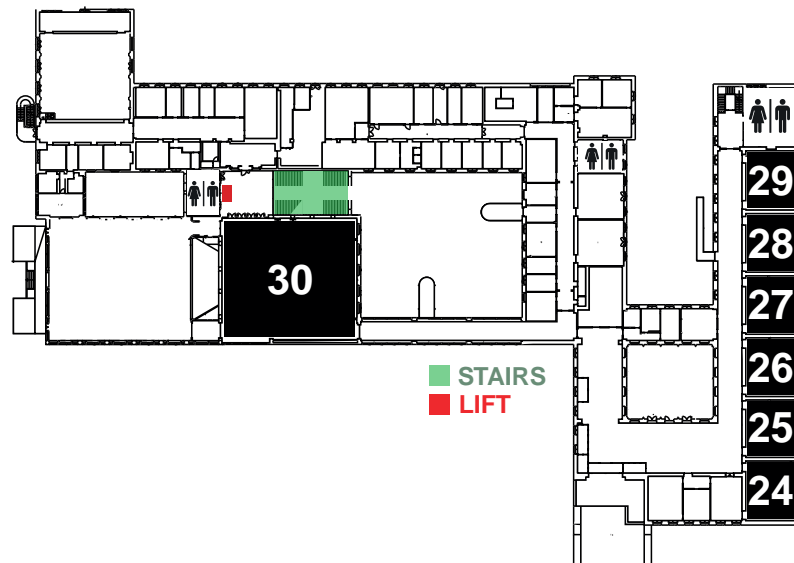
CU003 LETTERS - FLOOR 5



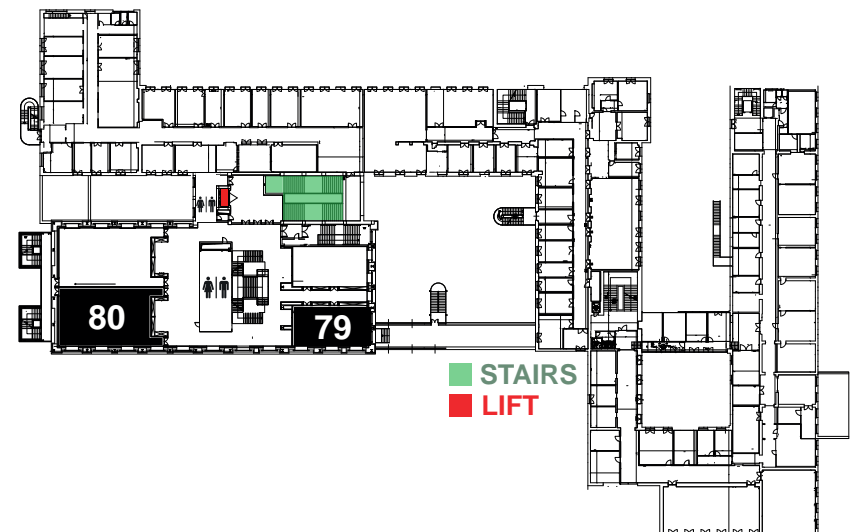
CU002 LAWS & POLITICAL SCIENCE  
GROUND FLOOR



CU002 LAWS & POLITICAL SCIENCE  
FLOOR 2

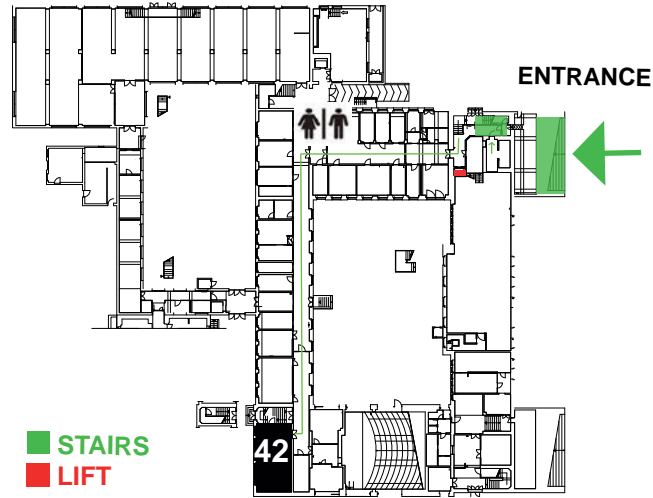


CU002 LAWS & POLITICAL SCIENCE  
FLOOR 1

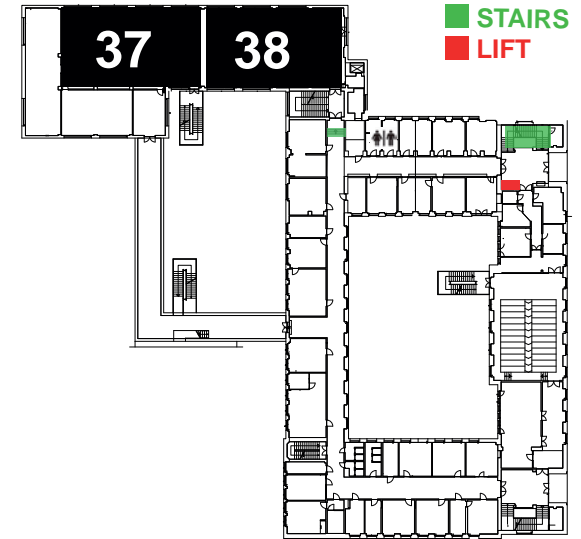


CU002 LAWS & POLITICAL SCIENCE  
FLOOR 3

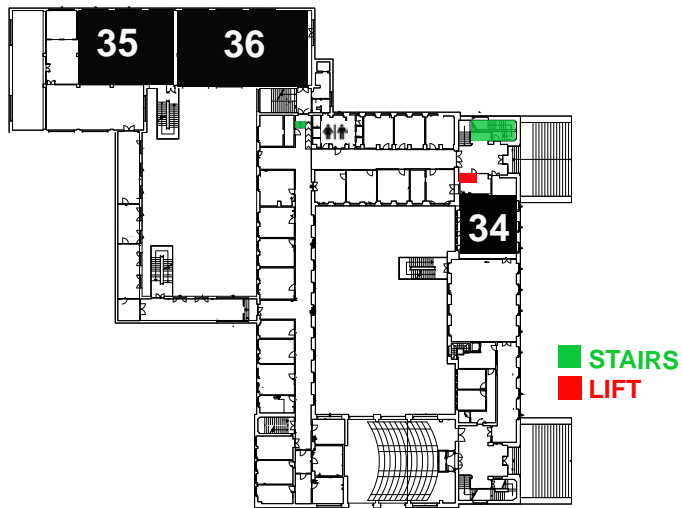




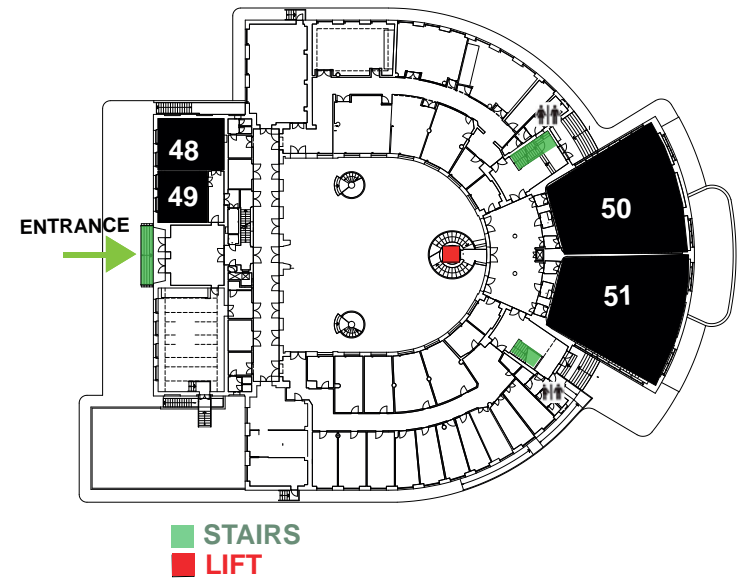
CU005 GEOLOGY & MINERALOGY- BASEMENT



CU005 GEOLOGY & MINERALOGY- FLOOR 2



CU005 GEOLOGY & MINERALOGY- FLOOR 1



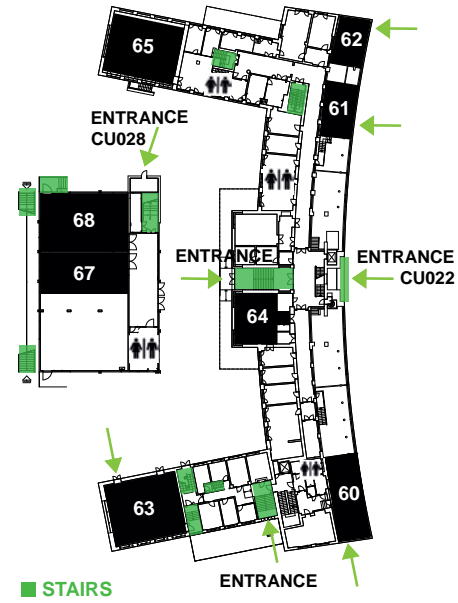
CU006 MATHS - GROUND FLOOR



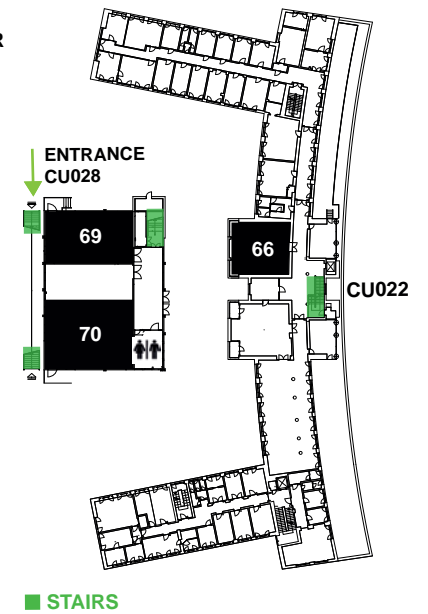
CU013 PHYSICS MARCONI - FLOOR 1



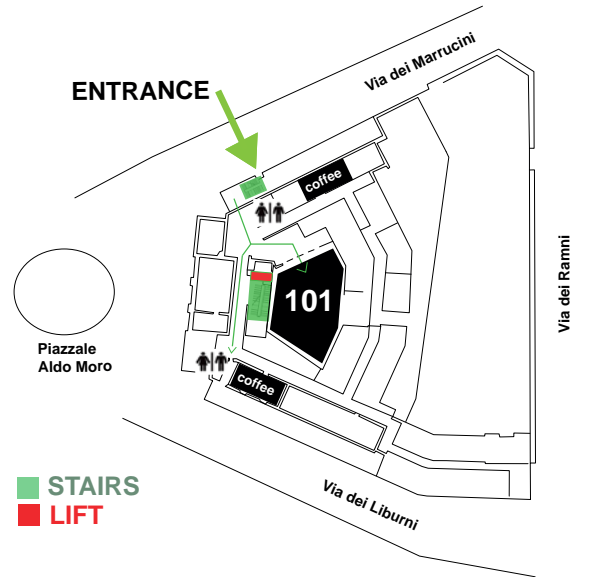
CU013 PHYSICS MARCONI - FLOOR 2



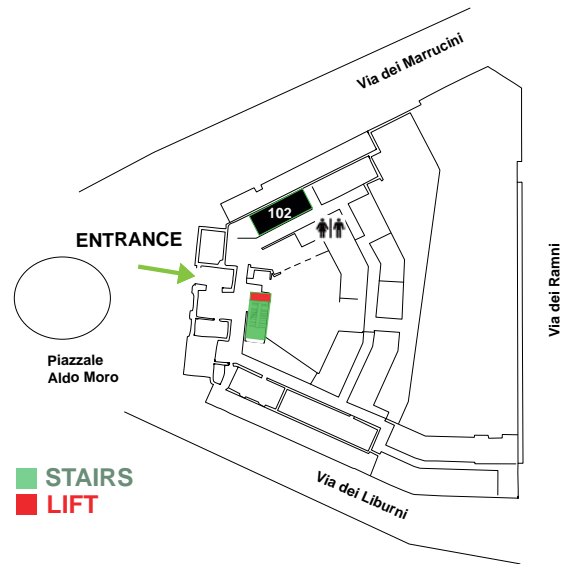
CU028 BLUE BUILDING - GROUND FLOOR  
CU022 BOTANY & GENETICS - GROUND FLOOR EXTERNAL



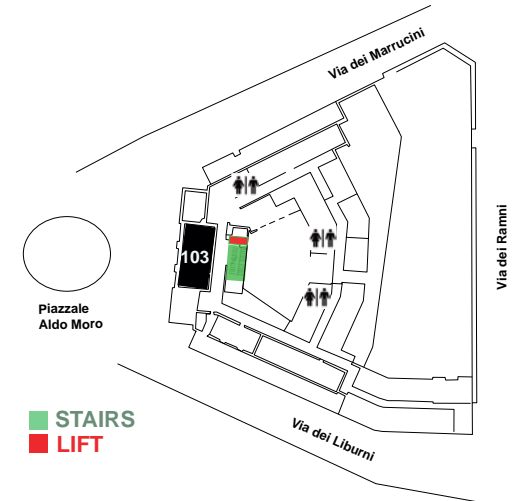
CU028 BLUE BUILDING - FLOOR 1  
CU022 BOTANY & GENETICS - FLOOR 1



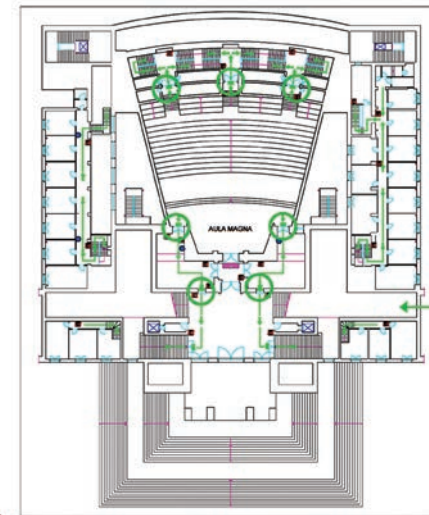
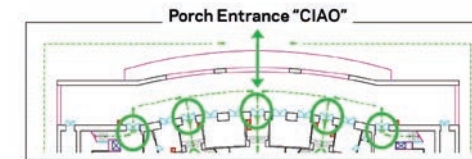
CNR - BASEMENT



CNR - GROUND FLOOR



CNR - FLOOR 1



CU001 - AULA MAGNA



## EUROPEAN ARCHAEOLOGY FAIR

The European Archaeological Fair (EAF) will be held on the **first floor** of building **CU003 (Lettere e Filosofia)**. The building will serve as a central hub for the conference and will include various Annual Meeting facilities, such as the registration desk, helpdesk, cloakroom, catering area and it will also host some of the sessions.

### Opening hours

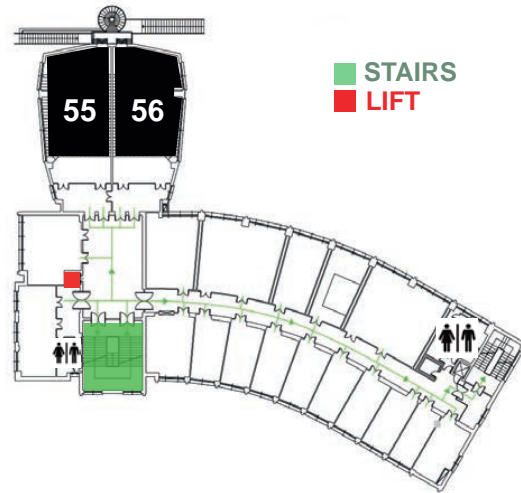
The European Archaeology Fair is open:

Wednesday, 28 Aug: 12:00 – 17:00

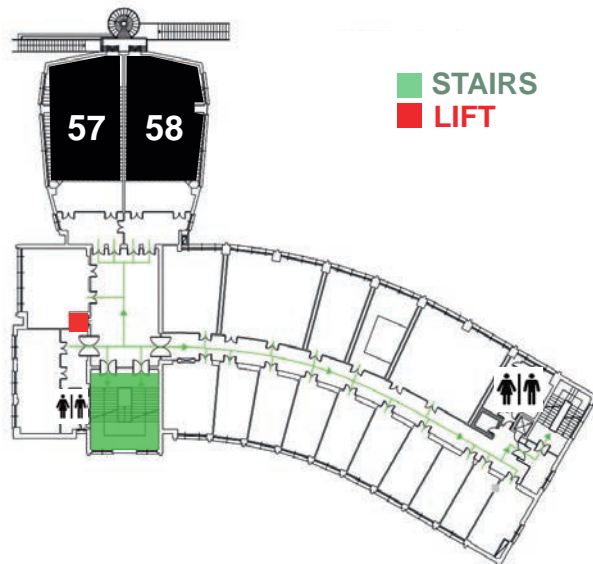
Thursday, 29 Aug: 09:00 – 17:00

Friday, 30 Aug: 09:00 – 17:00

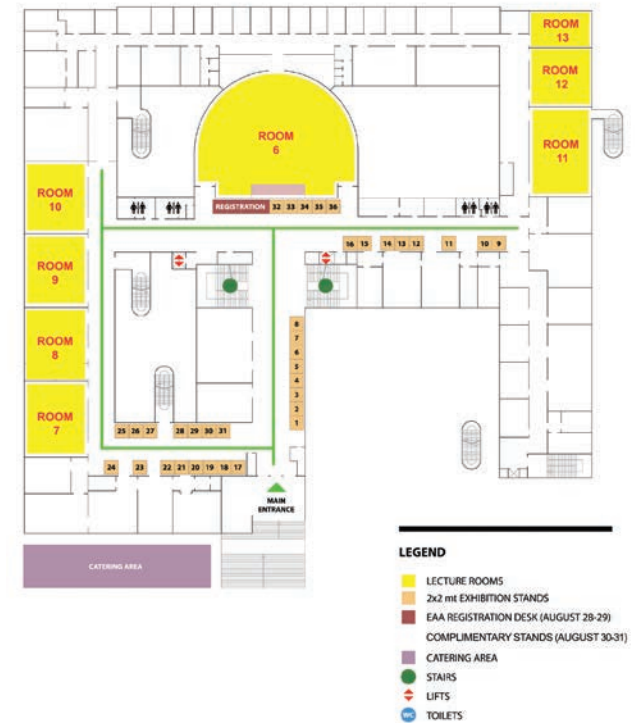
Saturday, 31 Aug: 09:00 – 17:00



CU033 PHYSICS - FERMI - FLOOR 2



CU033 PHYSICS - FERMI - FLOOR 4



## List of exhibitors

1	XSCAPE: Material Minds	27	Wharp
2	Archaeopress	28	Intrasis
3, 4	Cambridge University Press	29	Réseau des Écoles françaises à l'étranger
5	Bruker Nano Analytics	30	TASUKI / Daiichigosei
6	Antiquity	31	CIRAM
7	CEZA	32	BAR Publishing
8	Editions Mergoil	33	Laser Aided Profiler
9	Brill	34	Springer
10	University of St Andrews	35	Deutsches Archäologisches Institut - DAI
11	ICA	36	Diggit DigitalRecording
12, 13	Strati Concept	37	(Friday-Saturday) Archaeological Institute of America
14	Chartered Institute for Archaeologists	38	(Friday-Saturday) EAA 2025 Belgrade
15	Fondazione Mont'è Prama	39	(Friday-Saturday) Society for American Archaeology
16	Kiel University		
17	Beta Analytic		
18	All'Insegna del Giglio / SAP Società Archeologica		
19	Oxford University Press		
20	Archaeolingua / Musée d'Anthropologie préhistorique de Monaco		
21	Austrian Academy of Sciences Press		
22	DW Consulting		
23	Thermo Fisher Scientific		
24	Bloomsbury Academic		
25	Brepols		
26	Sensys Magnetometers		

## EXHIBITORS

### 1. Material Minds: Exploring the Interactions between Predictive Brains, Cultural Artefacts, and Embodied Visual Search - XSCAPE (ERC-2020-SyG 951631)



How do the worlds we build alter our own minds and the ways we process information? How do the material structures that humans build (settlements, buildings, and artefacts) actively change patterns of thought and attention? How do understanding change in these 'material codes' become part and parcel of understanding the emergence of the modern mind? To answer these questions, the "Material Minds" Project brings together a team from archaeology, vision science, and cognitive philosophy. Using a carefully curated set of materials, spanning a range of cultures and a wide sweep of archaeological, historic, ethnoarchaeological and contemporary settings, we aim to test the hypothesis of materiality-driven cognitive change. XSCAPE project aims to deliver the first fully-integrated framework for understanding the potent yet ill-understood cycles by which we humans make and transform the landscapes, practices, and artefacts that make and transform our minds.

The Principal Investigators of XSCAPE are Felipe Criado-Boado, (corresponding PI) of the INCIPIT-CSIC in Santiago de Compostela, Luis M. Martínez, of the Institute of Neurosciences (joint centre of CSIC and UMH, in Alicante, Andy Clark, of the University of Sussex, and Johannes Müller, of the Institute of Prehistoric and Protohistoric Archaeology of Kiel University.

More information on the project can be found at: <https://xscape-project.eu/>

### 2. Archaeopress



Archaeopress is an independent press which has been publishing scholarly archaeology for more than twenty years. We publish between 6-12 new books each month on a wide variety of archaeological topics, spanning all time periods and all geographic locations. The Archaeopress website contains hundreds of archaeological titles available in print and eBook formats, with over 400 titles available in Open Access or free to download for personal use. With a brand-new

digital platform for both eBooks and journals, our publishing models continuously evolve to match the needs of modern academia. For more information about our publications, digital subscription models, and publishing opportunities, please visit our website <https://www.archaeopress.com>.

### 3 & 4. Cambridge University Press



Explore key titles and journals in European Archaeology from Cambridge University Press. Cambridge University Press is a not-for-profit publisher that dates from 1534 and is part of the University of Cambridge. Our mission is to unlock people's potential with the best learning and research solutions by combining state-of-the-art content with the highest standards of scholarship, writing and production. Visit our stand to discuss publishing with us, browse our latest publications, and access a collection of free chapters and journal articles.

### 5. Bruker Nano Analytics



Understanding our Cultural Heritage lies in a detailed knowledge of the objects that comprise that heritage. Learning about how objects were created, their origins, and how to preserve them for future generations, are goals we all share. Bruker's Nano Analytics division (Headquarters: Bruker Nano GmbH in Berlin, Germany) supports these goals with a range of portable, mobile, and flexible approaches to analysis in Archaeology and Archaeometry that provide the capabilities of a lab-based analytical suite wherever measurements need to be made, helping you take us back in time.

### 6. Antiquity



Antiquity is a leading peer-reviewed journal of world archaeology. First published in 1927, we feature original archaeological research on all periods and regions intended for a professional but non-specialist readership. We offer four main article formats: Research, Method, Debate and Project Gallery articles. All submissions are subject to peer review and submissions must demonstrate innovative approaches or novel results of international interest and significance. The journal is published six times a year, in partnership with Cambridge University Press.

Antiquity is owned by the Antiquity Trust, a registered charity, with the editorial office based in the Department of Archaeology at Durham University. We welcome formal submissions from archaeologists based in universities, museums, and cultural heritage organisations around the world; we particularly encourage the submission of manuscripts by ECRs and by scholars based in under-represented regions. We also welcome informal enquiries about the suitability of topics and suggestions for special sections.

<https://www.antiquity.ac.uk/>

### 7. CEZA



CEZA is an internationally active research institute that uses state-of-the-art, innovative technology and research to answer natural and cultural history questions. In addition to its role as a renowned research institution, CEZA is also active as a service provider for public institutions, companies and individuals. The portfolio of scientific research includes authenticity, material identification, provenance, technology, age determination, BioArChaeology, climate research and determination of biogenic carbon in various materials. CEZA's work is also internationally visible through participation in EU projects, international collaborations and publications in internationally recognized journals.

### 8. Éditions Mergoil



Éditions Mergoil is a premier independent publishing house renowned for its extensive catalog of high-quality scientific books on archaeological research, distributed globally. Founded in 2001, Éditions Mergoil has established itself as a cornerstone in the field, offering an impressive array of titles that span diverse themes and historical periods, from prehistory to contemporary times.

Our publications are curated across ten specialized collections, overseen by esteemed researchers to ensure scholarly excellence. We also publish museum catalogues highlighting exceptional collections and exhibitions.

Éditions Mergoil publishes books in various languages, ensuring a broad international reach through an excellent distribution network. We pride ourselves on our short publication timelines and our commitment to working closely with authors, providing guidance and support for each project from start to finish. Whether you're a researcher or a new author, we help you bring your work to a global

audience.

Meet us at EAA 2024 in Rome booth 8.

## 9. Brill



De Gruyter and Brill have joined forces to form De Gruyter Brill, a leading academic publisher in the humanities and beyond. Together, De Gruyter Brill publishes well over 3,500 books and 800 journals per year, with a particularly strong focus on the humanities and social sciences. The new name signals the importance of the long heritage of both publishers. The existing individual De Gruyter and Brill brands, as well as their respective imprints and publishing programs, will continue. De Gruyter Brill intends to build on the size, breadth, and depth of the existing publishing programs, offering authors as many opportunities to publish under established De Gruyter Brill imprints, in existing series and journals, and in as many subject areas as before. We have a rich history in publishing academic archaeological research and continue to publish high quality archaeological research from all periods and areas. For more information about our archaeological and related publications and for inquiries about publishing with us, please contact our Acquisitions Editor Vincent Oeters, at [vincent.oeters@brill.com](mailto:vincent.oeters@brill.com).

## 10. University of St Andrews



The Open Virtual Worlds group is focused on using immersive and mobile technologies to promote engagement with archaeology and heritage, through preservation and promotion activities which connect with sustainable development. We are committed to using and developing open source resources and developing heritage resources in the public domain. Working with partners in across Europe in the CULTURALITY project we are promoting engagement with heritage and tourism in remote rural locations. The open Virtual World Group is committed to raising awareness about climate change and promoting effective Climate Action. We create digital reconstructions of cultural landscapes, based on archaeological evidence and multidisciplinary workflows.

## 11. ICA



ICA offers radiocarbon dating services via AMS with the industry-leading combination of quality, price, & lead time for delivery results. Our current price per analysis is \$349 USD with a lead time of 3 weeks for Report delivery. ICA opened in 2013 and continues to grow through quality work and Client satisfaction.

## 12 & 13. Strati Concept



Strati Concept, professional archeological supplies since 1989.

We are specialized in designing field, laboratory and photographic equipment.

Creators of the first archaeological trowels, of the professional photographic scales and their many variations: Canvas, Minimix, Micromagnet, etc.

We have designed letter boards kits for archaeology, as well as North arrows, colorimeter disks, photogrametric targets and more.

We are committed to keep pushing archaeology forward as a profession with its own dedicated tools.

We look forward to meeting you during this 2024 edition of the EAA meeting, come and see us at our stand to take advantage of special discounts on our equipment!

## 14. Chartered Institute for Archaeologists



The Chartered Institute for Archaeologists (CIFA) is the leading professional body for archaeologists working in the UK and overseas, promoting professional standards and ethics in archaeological practice.

CIFA has over 4000 members who study and care for the past through its physical remains. Individual archaeologists can go through our professional competence assessment process and receive professional accreditation from CIFA. These accredited professional members commit to work to CIFA's ethical Code of conduct and practice Standards, and to carry out their archaeological work in the public interest.

CIFA has members based in many countries and while its main operations are

UK-focussed, its German group seeks to grow professional accreditation using CIfA's Code and principles in Germany.

## 15. Mont'e Prama Foundation



The Mont'e Prama Foundation, established by the Ministry of Culture of Italy, the Sardinian

Region, and the Municipality of Cabras, manages the rich cultural heritage of the Cabras territory (Sardinia, Italy, which includes several archaeological sites related to human settlements from the Neolithic to the medieval period, and the Archaeological Museum of Cabras.

The Foundation works to preserve this heritage, encourage research, and promote the enjoyment of the territory through initiatives that involve the archaeological sites and all productive sectors related to cultural aspects. The cultural-touristic development of the Cabras area is given great importance and is integrated into a broader regional and interregional network.

This approach aims to contribute to the cultural development of the community, enhance its engagement through participation, and raise awareness of the importance of cultural heritage both in general terms and in concrete life situations and human interactions.

## 16. Kiel University



Kiel University is a rapidly growing centre for interdisciplinary archaeological research in Germany, ranking 14th worldwide in the field of archaeology as published by the QS World University Ranking in 2023 and again this year.

The two major research networks, ROOTS and CRC 1266 "Scales of Transformation" work within a broad interdisciplinary framework, firmly believing that humans and the environment have strongly impacted each other, thereby creating socio-ecological relationships that still exist today. Integrating several neighbouring disciplines into archaeological research, for example geophysics or the analysis of ancient DNA, their research projects address crucial questions of today's societies from a historic perspective:

- How did our ancestors cope with crisis?
- How did social inequality develop?

- Were there interactions between social, environmental, and climate changes?

Kiel archaeology is currently active not only in Germany but across the globe, undertaking projects in Scandinavia, Eastern and South-Eastern Europe, the Iberian Peninsula, Central Asia, the South Caucasus, Anatolia, India, South Africa, and Iran, among other regions, in collaboration with foreign partner institutions.

## 17. Beta Analytic



ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating laboratory with turnaround time of 14 business days or less for its AMS Dating service. All analyses are performed in-house by dedicated professional scientists. Results are accessible 24/7 via web access. Beta Analytic has customer support and sample shipping offices around the world. Respected worldwide for accuracy, quality, and customer care.

## 18. All'Insegna del Giglio | SAP Società Archeologica



The publisher **All'Insegna del Giglio**, founded in 1976, had as its initial program the reprinting of historical sources and the faithful re-proposal of texts concerning the minor arts in the Renaissance period. The meeting with Riccardo Francovich, and the edition of the journal „Archeologia Medievale“, offer the opportunity to specialize in medieval archaeological publishing. In collaboration with the major medieval archaeologists (Italian and foreign, it has therefore encouraged the creation of journals and series concerning the publication of excavation reports, field research methodologies, conference proceedings, etc., then extending the scope of publications to other fields of archeology. While archeology remains the main subject for its publications, the publisher has in its catalog works from history, architecture and other disciplines.

Established in 1994 by six archaeologists with extensive experience in Italy and abroad, **SAP Società Archeologica** is now a prominent archaeological company in Italy, with a team of archaeologists capable of navigating any archaeological scenario. Since its establishment, SAP has seamlessly integrated editorial pro-



duction with fieldwork, recognizing the significance of sharing scientific information to propel research. Guided by ethical principles, SAP is committed to sharing archaeology with the public.

## 19. Oxford University Press



At Oxford University Press, we're part of one of the greatest universities in the world, and everything we do furthers the University of Oxford's objective of excellence in research, scholarship, and education by publishing worldwide. It's why we invest back into education and research, and champion a love of learning. We are the world's largest university press with the widest global presence. Our products and services are used in over 200 countries and regions, in more than 85 languages, and we publish over 2,500 titles per year.

## 20. Archeolingua | Musée d'Anthropologie préhistorique de Monaco



**Archeolingua** Foundation is a non-profit organisation based in Budapest. We promote interdisciplinary trends in archaeology, historical linguistics, cultural heritage protection, and heritage tourism. A publisher of academic and educational books, Archeolingua takes special attention to topics related to cutting-edge technologies in archaeology and the dissemination of knowledge on the latest results of interdisciplinary research and contributes to the preservation of cultural values and heritage.

Archeolingua publishes several book series in cooperation with Hungarian and international institutions. We have been cooperating for decades with, among others, several major archaeology-related Hungarian organisations, including the HUN-REN Institute of Archaeology (successor to that of the Hungarian Academy of Sciences, the Pázmány Péter Catholic University, and the Eötvös Loránd University. Our current international partners include the University of Helsinki (publishing jointly the *Yamnaya Impact on Prehistoric Europe* series, the Innsbruck University, and the Iron Age Danube Routes Association (participating in the publication of the *Iron Age Danube Route Magazine*). The *Archeolingua Central European Archaeological Heritage Series* is published by Archeolingua in long-term cooperation with Archaeopress.

The **Museum of Prehistoric Anthropology of Monaco**, founded in 1902 by Prince Albert I of Monaco, is both a museum and a research institute. Since 1954, it has published a scientific journal and special issues focused on prehistory and archaeology. Visitors can explore the museum's extensive collections, ongoing research, and numerous exhibitions. The museum showcases artifacts from various archaeological digs, offering a comprehensive look at human history and evolution. Its dedication to scientific research and public education makes it a key institution in the field. Whether you are a scholar, student, or simply curious, the Museum of Prehistoric Anthropology of Monaco offers a rich and engaging experience that bridges the past and future. Come and discover the fascinating world of prehistory at this remarkable research institute.

## 21. Austrian Academy of Sciences Press



The Austrian Academy of Sciences Press was founded in January 1973 with the mission to publish and distribute the latest findings of top-level research on an international and national basis, thus providing suitable forum for Austrian scholarship.

Since then, every year over 700 academics from over 30 countries have been publishing for a growing academic readership. The quality of these publications is guaranteed by a scientific advisory board comprising leading scholars and an international peer review process for books and journals.

The research activities of the Austrian Academy of Sciences mean that many areas of the humanities, the natural sciences, the social sciences and law are equally well represented.

The Press currently publishes books, journals, CD-ROMs, audio CDs and online publications such as eBooks, eJournals and databases. Parallel to the scientific publications tested according to scientific quality criteria, scientifically funded publications are also offered to a wider public under the label „Research popular“.

## 22. DW Consulting



Creator of TerraSurveyor64 - the industry leader for device independent, geo-physical data processing software. Now also available in Lite and Field versions.

## 23. Thermo Fisher Scientific



Thermo Fisher Scientific is the world leader in serving science. Our Mission is to enable our customers to make the world healthier, cleaner and safer. We proudly offer the world's largest biogeochemistry research portfolio — ready and waiting for your next discovery, because exciting things happen when geoscientists start exploring. Whether that research takes you deeper into the archaeological or anthropological investigations, the earth, sea or the sky, our comprehensive portfolio of isotope analysis solutions can power your next breakthrough and expand your scientific excellence.

## 24. Bloomsbury Academic



Are you looking for the best archaeology books for your course or research project? Covering geographical regions across the globe, Bloomsbury Academic publish cutting-edge titles on a broad range of topics which include famous archaeological sites, Egyptology, cultural heritage, conservation, archaeological science, and much more. Our books range from undergraduate texts and general interest titles, to academic research and reference works.

We're expanding our Archaeology publishing further and would love to hear from anyone working on an exciting project. Our aim is to create forward-thinking, accessible, inclusive and high-quality books for current and future archaeologists. If you're interested in talking about your book idea, please reach out to our Commissioning Editor for Archaeology, Lily Mac Mahon, or visit our stand.

## 25. Brepols



At Brepols, we understand that your research matters. That's why, with our proven experience in producing high-quality, peer-reviewed archaeological publications, we are the ideal academic partner to bring your results to the international research community in a form that you can be proud of. Whether you are digging in the mud of northern Scotland, or in the sands of Egypt, we undoubtedly have the right academic series or journal in provide a home for your work. So please come in, browse our titles at conference discounts (or go to <https://www.brepols>).

net) and have a chat with Dr Rosie Bonté, our dedicated publishing manager!

## 26. Sensys Magnetometers



SENSYS was founded by Dr. Andreas Fischer in 1990 and became a well-known company to develop and manufacture high precision survey and measurement equipment for magnetic and electromagnetic applications.

The product range comprises hand held iron detectors, multi-channel systems to be carried or pushed, as well as large area survey systems towed by cars, vessels, underwater ROVs, AUV's or drones. Beside non-invasive surveys equipment, SENSYS also produce borehole measurement systems, data analysis software and enabling GPS referencing of measurement data. Furthermore, the range of single probes and sensors is steadily growing, enabling the integration of SENSYS products in bigger systems. This is making the equipment suitable for challenging applications in the military, marine, archaeological and scientific area.

With more than 20 years of experience, SENSYS is not only delivering products to its customers but also taking care of training, service, repair and support.

## 27. Wharp



The Wharp® portal provides automatically generated archaeological potential maps, crossing archaeological, geological, geomorphological data, including photographic, cadastral and urban planning information.

The knowledge of archaeological potential helps to streamline timing and budget and allows a reasoned dialogue with the Heritage Authorities based on tangible and validated elements.

The interaction between these mappings and the network works projects, together with progressive field data collection, enable the continuous fine-tuning of predictive algorithms and, hence, the drafting of increasingly detailed and reliable risk maps.

Wharp is an Akhet srl project. We are an archaeological company founded in 2002; today we support planners and contractors offering high-quality integrated solutions in the field of predictive and preventive archaeology.

More on <https://wharp.it/en/>

## 28. Intrasis



Intrasis is a program for documenting, visualizing, interpreting, and analysing archaeological information. It is one of the industry's most powerful tools for creating and mapping information in a GIS environment. Intrasis is a combination of a normalised database and geographical tool where you can record and relate different types of geographical and object information. With Intrasis' 3D functionality you can view your data together with 3D models.

Intrasis will fulfil nearly all your documentation needs! It is the perfect tool to store all digital documentation from your excavation. You can create a unique database for every project and can change the metadata to fit the site's specific needs. Intrasis is outstanding when it comes to storing interdisciplinary data. If you want your data to be reusable, CIDOC CRM and CRMarchaeo can be used on Intrasis templates, making it possible for other researchers to see if your data is fit for their purpose.

<https://www.intrasis.com/>

## 29. Réseau des Écoles françaises à l'étranger



The Réseau des Écoles françaises à l'étranger (ResEFE) brings together five French higher education and research establishments. Based in Greece (École française d'Athènes, Italy (École française de Rome, Egypt (Institut français d'archéologie orientale, Cairo, several Asian countries (École française d'Extrême-Orient, head office in Paris) and Spain (Casa de Velázquez, Madrid, the EFEs fulfil a triple mission of research, training and dissemination in the humanities and social sciences. The EFEs welcome young and experienced researchers from France and abroad, and collaborate more widely with the international scientific community to conduct research programmes and archaeological fieldwork. Each year, the various EFEs publish over a hundred books and around ten issues of journals in archaeology, history and the social sciences. Among these publications is the *Bulletin archéologique des Écoles françaises à l'étranger*, an exclusively electronic and multilingual journal, which continuously presents the latest archaeological research from the five institutions.

## 30. TASUKI / Daiichigosei



We are a manufacturer specializing in cultural property conservation equipment, celebrating our 50th anniversary this year. We provide archaeologists around the world with tools that Japanese craftsmen have put their heart and soul into, such as the TASUKI trowel and TASUKI triangular haw excavation tools.

Please come and meet these tools that are not only easy to use but also do a perfect job.

## 31. CIRAM



Since its creation in 2004, CIRAM has offered archaeologists high scientific standards and constructive dialogue. Scientific rigour, high quality of service and speed of results are insured by our regular investment in new generation equipments and reinforcement of our team by specialists in dating and materials analysis. In order to guarantee optimal responses to the archaeological demands, we chose to expand our capabilities by doubling the capacities of our microanalysis laboratory and by doubling the capacity of our radiocarbon dating laboratory. Already rich in numerous collaborations, CIRAM is expanding its offer and assisting in your research projects.

## 32. BAR Publishing



With over 3,800 titles, BAR Publishing offers the largest series of academic archaeology titles in the world. Founded in 1974 with a mission to innovate, the BAR Series covers all regions and time periods, publishing in five languages (English, German, French, Spanish, and Italian, with no cost options and also Open Access models.

We provide a first-class publishing service for archaeologists, enabling researchers to publish important content quickly and efficiently. All manuscripts are peer reviewed and our friendly team guides and advises authors through the publication process from beginning to end.

We publish data-rich monographs, site reports and edited volumes and recognise that the wide dissemination of research is of key importance to the archaeological community. The BAR Digital Collection for libraries has expanded the

visibility of the books globally.

### 33. Laser Aided Profiler



For busy archaeologists struggling with processing of large find assemblages, the Laser Aided Profiler device employs the latest technology for high-quality, rapid, digital documentation of ceramic fragments. Forget about the tedious drawing task and take your research to the next level.

### 34. Springer



Springer is a leading global scientific, technical and medical portfolio, providing researchers in academia, scientific institutions and corporate R&D departments with quality content through innovative information, products and services. Our archaeology, anthropology, and heritage portfolios include over 30 book series and 14 journals focused on these areas.

We offer a broad scope of publications that covers prehistory to historical archaeology and scholarly works in areas including BioArChaeology, material culture, underwater archaeology, and interdisciplinary content. Our portfolio includes publications done in collaboration with the European Archaeological Association, the World Archaeological Congress, Society for Africanist Archaeologists, and the Society of Historical Archaeology. Springer is also the platform for the Encyclopedia of Global Archaeology and the EAA series, Themes in Contemporary Archaeology.

### 35. Deutsches Archäologisches Institut (DAI)



The Römisch-Germanische Kommission, based in Frankfurt / Main, is part of the German Archaeological Institute. It is a government-funded federal institution tasked with researching the prehistory and early history of Europe as well as the archaeology of the Roman provinces. The current research focus is on a range of overarching topics such as the relationship between humans and the environment, landscape archaeology and settlement development as well as questions of spatial development and border zones. These themes are studied using non-invasive and cutting-edge scientific methods, which are constantly

being developed in-house. Our diachronic and cross-regional approach is characterised by an emphasis on interdisciplinary cooperation, making the RGK an important hub for European research and exchange in archaeology. The RGK also produces several monograph series, as well as the journals “Germania” and “Berichte der Römisch-Germanischen Kommission”.

### 36. DiggIt Digital Recording



DiggIt: the revolutionary paperless digital recording system for archaeology is now being translated into multiple languages, to enable archaeologists across Europe to get better data and embrace sustainability while saving time and money.

Created exclusively for archaeology and used on over 700 sites, DiggIt empowers your field staff to easily capture detailed, consistent data whether online or offline, using the mobile devices that you already have.

Featuring an intuitive interface and helpful imagery that makes recording archaeology simple, DiggIt guides users efficiently through the recording process while boosting understanding and gathering more accurate, standardised data.

With all data being backed up and synced in the DiggIt cloud, office and post-excavation staff can follow site progress live, enabling them to work alongside your teams out in the field. Powerful search and filter tools allow site data to be explored and edited using any browser, and report-ready tables can be exported with just one click.

DiggIt: we make recording archaeology paperless, painless and productive.

### 37. The Archaeological Institute of America (AIA)



The Archaeological Institute of America (AIA) is North America's oldest and largest archaeological organization. The AIA works to create an informed public interest in the cultures and civilizations of the past, supports archaeological research and publication, promotes community-based outreach, and advocates for the preservation of archaeological heritage.

### 38. EAA 2025 Belgrade



Welcome to Belgrade! We are thrilled to welcome you to Belgrade for the 31st EAA Annual Meeting! This is a first for us, and we hope to prove to be great hosts for colleagues from all around the world. The Meeting venues will be based in the city centre, and the delegates will have a chance to explore the historical and urban landmarks of Belgrade. Nested on the confluence of the Danube and Sava rivers, Belgrade is a vibrant city, with a perfect blend of traditional and modern, vibrant and relaxed, with a bit of something special for everybody. Give Belgrade a chance, and Belgrade will captivate you.

Come and visit us at the EAA 2025 Belgrade stand and get to know the members of our local Organising Committee. We will try to answer all your questions and provide additional tips about Belgrade and Serbia.

### 39. Society for American Archaeology (SAA)



SAA is an international organization dedicated to the research, interpretation, and protection of the archaeological heritage of the Americas. The mission of the SAA is to expand understanding and appreciation of humanity's past as achieved through systematic investigation of the archaeological record. The society leads the archaeological community by promoting research, stewardship of archaeological resources, public and professional education, and the dissemination of knowledge. To serve the public interest, SAA seeks the widest possible engagement with all segments of society, including governments, educators, and indigenous peoples, in advancing knowledge and enhancing awareness of the past.

SAA members have digital access to online seminars, journals, and the latest archaeological news from Washington, DC and the world through SAA's Government Affairs newsletter.

# QUATERNARY ENVIRONMENTS AND HUMANS



NEW OFFICIAL JOURNAL OF INQUA

*Quaternary Environments and Humans (QEH)* is the official full **Open Access** journal of the International Union for Quaternary Research (INQUA). The journal aims to publish peer reviewed papers under the auspices of the leading Quaternary association, with a special focus on recent advances in Quaternary sciences that appeal to a wide audience and that combine approaches from several disciplines.

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FIND OUT MORE:



## GENERAL PROGRAMME

# GENERAL PROGRAMME SUMMARY

## Wednesday 28 August

9:00 - 15:00	Communities meetings	building CU003
11:00 - 13:00	Communities Assembly	building CU003
12:00 - 17:00	European Archaeology Fair	building CU003
12:00 - 18:00	Registration of delegates	building CU003
15:00 - 18:30	Opening Ceremony	building CU001, Aula Magna
19:30 - 22:00	Welcome Reception	Vigna Barberini, Palatine Hill

## Thursday 29 August

07:45 - 18:00	Registration of delegates	building CU003
08:30 - 18:30	Parallel sessions	various buildings
09:00 - 17:00	European Archaeology Fair	building CU003
18:45 - 19:45	Keynote lecture by C. Pearson	building CU002, r. 78
18:45 - 19:45	Keynote lecture by N. MacSweeney	building CU002, r. 31
18:45 - 19:45	Keynote lecture by M. Itambu	building CU003, r. 6
21:00 - 1:00	Annual Party	Testaccio Village

\*Buildings with the “CU-” prefix are all located at the Sapienza campus. For more details please see campus map on p. 46.

## Friday 30 August

07:45 - 18:00	Registration of delegates	building CU003
08:30 - 18:30	Parallel sessions	various buildings
09:00 - 17:00	European Archaeology Fair	building CU003
18:45 - 20:15	AMBM	building CU003, r. 6.
20:00 - 0:00	MERC Party	Giardino Verano

## Saturday 31 August

07:45 - 13:00	Registration of delegates	building CU003
08:30 - 18:30	Parallel sessions	various buildings
09:00 - 17:00	European Archaeology Fair	building CU003
18:45 - 19:45	Keynote lecture by G. Papantoniou	building CU002, r. 31
18:45 - 19:45	Keynote lecture by M. Milosavljević	building CU002, r. 78
18:45 - 19:45	Keynote lecture by J. Tabolli	building CU003, r. 6
20:00 - 22:30	Closing Reception	Sapienza campus

## OPENING CEREMONY



**Where:** Sapienza Campus, building CU001, Aula Magna

**When:** Wednesday 28 August, 15:00-18:30

**How to get there:** Building CU001 is located close to the registration desk at the Faculty of Lettere e Filosofia (CU003). The Campus can be reached through underground (metro, stopping at Castro Pretorio or Policlinico, followed by a short walk. Sapienza is also only a 20-minute walk from Termini Station and 30-minute walk from Tiburtina Station. Buses and trams link the adjacent Piazzale del Verano to the centre of Rome and various urban locations.



1 - This shared space may be used by individuals experiencing homelessness. Please be considerate and exercise caution.

**Description:** The Opening Ceremony will take place in the major hall of Sapienza University, with a capacity of 850 seats; the ceremony will be further streamed in 4 lecture rooms in CU028 (Blue Building, totalling 485 seats. Aula Magna is unfortunately not accessible from the monumental front staircase, which is undergoing restoration works, but from the back side porch. The palace of the Rectorate, finished in 1935, is the core of the Campus, and a characteristic mix of architectural Rationalism and magniloquence of the most powerful and rhetorical season of Italian architecture of the Fascist period. The wide use of travertine, with inserts of precious marble, is also typical of Sapienza buildings. Inside the hall, the fresco by the renowned painter Mario Sironi has been recently restored, and although it was originally strongly connected to the celebration of the regime, its classicist representation of scientific disciplines and Italy can be seen also as a message for the fight of knowledge against obscurity, paradoxically also of the Fascist dictatorship. The tones of Sironi are typically showing a vein of melancholy. A complex monument, reflecting the complexities of Italian history and perhaps the human journey. Now it is a well-suited meeting hall.

### Programme:

- Comper: Tezeta Abraham (actress and writer)
- Institutional Greetings

- Welcome by Eszter Bánffy (EAA President)
- Presentation of the European Archaeological Heritage Prize, OMF Early Career Achievement Prize, EAA Student Award, EAA Book Prize, and Honorary Membership
- Archaeological Dialogue by Paolo Carafa (Sapienza University of Rome) & Wieke de Neef (Bamberg University)
- Keynote lectures by Luca Bondioli (formerly Museo delle Civiltà, Roma) and by Daniela Porro (Soprintendenza Speciale Archeologia, Belle Arti e Paesaggio di Roma)
- Music by Open Trios

## WELCOME RECEPTION

**Where:** Vigna Barberini, Palatine hill - Park of the Colosseum, Via Sacra (Titus' Arch entrance, 00186 Roma)

**When:** Wednesday, 28 August, 19:30-22:00

**How to get there:** From Sapienza University, the easiest way to reach the Colosseum Park is through Underground Metro line B (blue line): 4 stops from Policlinico (direction Laurentina, followed by a short walk (50 minutes in total). Many buses reach the central archaeological area.



Tourists will leave the Roman Fora at 19:15. The entrance for EAA delegates is scheduled between 19:30 and 20:30, only from the Via Sacra/Titus' Arch entrance. Sunset is expected at 19:50. Access for disabled persons is from Via di San Gregorio, 30 (Vignola's Portal). The estimated capacity is approx. 2,500 people.

**Description:** Vigna Barberini, a former vineyard of the Roman noble family, is an intermediate area between the Fora and Via Sacra area and the Palatine hill. It was occupied by aristocratic houses and different facilities in the Roman Republic and early Imperial ages, and remained at the fringe of the Imperial Palace over the Palatine. Eventually, the construction of the temple of Deus Sol Invictus (a solar god of Eastern Mediterranean origin) by emperor Elagabalus (218-222) fenced it away inside a high square wall, still standing. Churches and Monasteries occupied the adjacent areas, and are still in use, today. This created a suspended, isolated space that maintains a magical atmosphere within the busy central archaeological area.

### Programme:

- Welcome by Alfonsina Russo (Director, Parco del Colosseo) and Eszter Bánffy (EAA President)
- Refreshments and finger food



# ANNUAL PARTY

**Where:** Testaccio Estate - Città dell'Altra Economia, Largo Dino Frisullo, 00153 Roma

**When:** Thursday, 29 August, 20:30 - 02:00

**How to get there:** Testaccio Estate is near Ostiense, accessible by various public transports. It is 6 km from Sapienza and can be reached via Metro Line B, bus, and tram.



- Metro Line B: Stop at Piramide (Piazzale Ostiense, then walk 15 minutes via Pyramid, S. Paolo Roman Gate, Via Marmorata, and Via Galvani, then left to reach the Testaccio Estate Gate. The last metro departs at 23:30 on Thursdays.
- Bus and Tram: Take Bus 19NAV from Piazzale del Verano to Piazza di Porta Maggiore, switch to Tram 3L, and stop at Marmorata/Galvani. Walk 10 minutes via Via Galvani and the long wall to reach the gate.
- Night Buses (23:30 - 5:30): Four night buses (nME, nMB, n716, n3d/n3s) serve the Ostiense area every 30 minutes.

**Description of the location:** Testaccio Estate is a summer facility for concerts and shows within the Città dell'Altra Economia, a reclaimed area hosting Roma Tre University (Architecture, a music school, art exhibitions, and a theater). It features a bar and a Roman/fusion restaurant. There will be live music and a DJ set until 01:00. One drink is included, and additional food and drinks can be purchased. The food options range from affordable pasta and pizza to international cuisine, with a nearby restaurant for special dishes.

**History and character of the area:** Testaccio is named after the pots (testae) accumulated in the area, once Rome's fluvial harbour. The garbage dump of Mount Testaccio, made of oil amphoras, provides insights into ancient Roman economy. Testaccio Estate is at the hill's base, surrounded by bars and restaurants. The district, built in the late 19th century, was once an industrial hub with facilities now being converted into universities, art academies, museums, and housing. Testaccio is known for its traditional Roman restaurants, especially for meat dishes and Roman pizza. Porto Fluviale and Via Ostiense are popular nightlife areas with diverse cuisines. In 1929, Testaccio hosted the first official stadium of AS Roma.

**Special place: the Non-Catholic Cemetery:** Located between the Caius Cestius Pyramid

and Mount Testaccio, this cemetery has been in use since 1716 for non-Catholic communities. It hosts the graves of poets like John Keats and Percy Bysshe Shelley, artists, philosophers like Antonio Gramsci, and numerous archaeologists. The cemetery is open during the Annual Meeting (entrance with donation, 9:00-16:30).

## Programme:

- 21:00-22:00: Live Music
- 22:00-01:00: DJ Set by Borghetta Stile, featuring music from the '80s to '10s

# ANNUAL MEMBERSHIP BUSINESS MEETING

**Where:** Sapienza Campus, building CU003, room 6, first floor, (Aula I)

**When:** Friday, 30 August, 18:45 - 20:15

**How to get there:** Sapienza Campus can be reached through underground (metro, stopping at Castro Pretorio or Policlinico, followed by a short walk. Sapienza is also only a 20-minute walk from Termini Station and 30-minute walk from Tiburtina Station. Buses and trams link the adjacent Piazzale del Verano to the centre of Rome and various urban locations.

**Description:** The EAA Annual Membership Business Meeting (AMBM) is open to all EAA Members. At the AMBM, the EAA Executive Board reviews the past year's achievements and the Association's financial condition, and discusses with the Members the new initiatives programmed for the coming year. All Members are encouraged to contribute and participate in the AMBM proceedings. The AMBM will be held in hybrid format; voting will subsequently be held *per rollam* over 13–20 September (individualised access will be sent by email).

## Agenda:

- Opening and Welcome
- Minutes of the Previous AMBM (Circulated in TEA)
- Matters Arising from the Minutes
- 2024 EAA Statement on Archaeology and Contemporary Society
- Membership Report
- Financial Report
- Membership Fee Level for 2025
- Statutes Committee Report
- Oscar Montelius Foundation Report
- Nomination Committee Report and Election Results
- New Appointments
- EAA Publications Reports (EJA, Themes, Elements, TEA)
- Appeal and Anti-Harassment Committee Report
- Advisory Committees Reports
- EAA Communities
- Outlook into the Coming Year
- Location of Future Annual Meetings
- Announcement of the 31st EAA Annual Meeting
- Any Other Business

# MERC PARTY

**Where:** Giardino Verano, Piazzale del Verano, 00185 Roma

**When:** Friday 30 August, 20:00-24:00

**How to get there:** Giardino Verano is a 10-minute walk from Sapienza, located in the San Lorenzo neighborhood.

Night buses (23:30 - 5:30) serve Rome every 30 minutes. Verano is served by one night bus, with another one nearby:

- n3d (clockwise) and n3s (counter-clockwise) circular lines: Piazzale Ostiense - Trastevere - Vatican - Auditorium - Sapienza - Verano - Porta Maggiore - Colosseo - Piazzale Ostiense
- nearby night bus: nMB: Laurentina/EUR (South) - Ostiense - Rebibbia (North) following Metro Line B



**Description of the location:** Giardino Verano is a public space for cultural and social events in front of the Early Christian Basilica of San Lorenzo. While many bars and restaurants may be closed in late August, Giardino Verano operates all summer. Visitors can relax, listen to music, meet friends, study, play, eat, and drink in a cozy, tree-filled atmosphere.

**History and character of the area:** The San Lorenzo area, once marginal and outside the Roman walls along Via Tiburtina, contains Roman and Medieval remains and the San Lorenzo catacombs. The catacombs are the predecessors of Rome's traditional Monumental Cemetery of Verano, now limited in use for new burials. The San Lorenzo Basilica, built on the site of Christian martyr Lorenzo's burial, features reused Roman architectural elements and lavish decoration. The modern district was originally working-class and suffered the most bombing damage in Rome during World War II on July 19, 1943, due to its proximity to the railways, heavily impacting the Basilica. Today, the district hosts a university student community, with traditional artisans, particularly marble workers, alongside pubs, pizza houses, art studios, and social activist collectives.

# CLOSING RECEPTION

**Where:** Sapienza campus, space in front of the entrance of building CU003 (Viale Regina Elena back entrance is closed around 20:00)

**When:** Saturday 31 August, 20:00 - 22:00

**How to get there:** The campus can be reached via the metro, stopping at Castro Pretorio or Policlinico, followed by a short walk. Sapienza is also a 20-minute walk from Termini Station and a 30-minute walk from Tiburtina Station. Buses and trams connect the nearby Piazzale del Verano to the centre of Rome and various urban locations.

**Programme:**

- Greetings by the Faculty Dean Arianna Punzi
- Invitation to Belgrade 2025 by Eszter Banffy (EAA President) and the Belgrade Organising Committee
- Short Commemoration of Anna Maria Bietti Sestieri, one of the founders of EAA
- Piano Solo by Giovanni Bietti, performing music loved by his mother
- Refreshments and Finger Food



## SCIENTIFIC PROGRAMME

## KEYNOTE LECTURES

### A contemporary view of hunters and gatherers adaptations, through an under-researched African region

**Makarius Itambu**

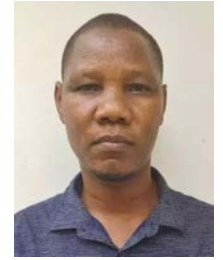
When: Thursday 18.45-19.45

Where: Room 6, CU003, FL1, Aula I

New field research in the Singida region, in Tanzania's central plateaus, represents an emblematic case to study early human biocultural evolution and raises issues relevant for reflections on archaeological theory. Its emerging significant heritage, with contexts ranging from the Early-Middle Stone Age (ESA-MSA) period to the present time, including more than 50 stratified open-air sites, rock shelters and rock art sites, shows how much modern archaeological research can acquire from an area so far under-researched. It is still possible, in 21st century CE, to change the geographic narrative of archaeology by expanding research horizons and by designing and devising grassroots projects with the local community.

Furthermore, the recent transition of hunting-gathering communities to agropastoral economic strategies, has condensed in the last 50 years a major transformation of human socio-economic, and cultural adaptive behaviors to varied ecological niches. For our study, we adopt multiple cutting-edge palaeoecological proxies such as phytoliths, stable isotopes, and plant wax biomarkers to complement site and stone tool studies. Our goal is to better understand the historical trends related to ancient mosaic habitats, and the role that climatic and environmental drivers had on shaping human cultural and technological adaptations to the arid environments of Singida during the Pleistocene-Holocene.

The project is framed inside a community-oriented research project, namely the 'Singida Heritage & Archaeological Research Project' (SHARP, recognizing archaeology as a practice intertwined with a fabric of social and cultural relations. African scholars generally lack direct funding, and are still unlikely to obtain grants from external funders, therefore we still work with little support or resources. We're here to demonstrate that we can change not only where archaeology is done in Africa, but also how we're changing project design, stakeholder engagement, and knowledge mobilization.



#### Biography

Makarius Itambu earned his PhD degree in Archaeology in 2020 with a specialization in Biological Anthropology. Immediately after his graduation, he returned to teach at the University of Dar Es Salaam (UDSM) in Tanzania. He teaches Palaeolithic Archaeology, Human Evolution and Stone Age Archaeology, as well as Research Methods courses at the UDSM. Mak Itambu is interested in exploring and underscoring hominin behaviours in relation to food procurement strategies in the past, stone tools manufacture and the synergetic links between hominin-environmental interactions, cognition abilities and subsistence systems. Specifically, he uses phytolith analysis in combination with archaeological and plant micro-remains data to reflect the nature and type of environments that were occupied by early humans and the plant environments surrounding their habitats during the Pleistocene-Holocene epochs. Also, he performs microscopic analysis of the soil and sediment for phytoliths, and the laboratory treatment for stable isotopes and granulometric analyses.

Mak is a research affiliate at the Max Planck Institute of Geoanthropology MPG-Jena, Germany. Similarly, he received a Mobility Grant from MPG to be able to routinely travel to Germany to undertake radiocarbon dating (14C) and Stable Isotopes analysis. In 2024, he obtained a MOPGA grant from the French Ministry of Europe and Foreign Affairs-hosted by the CEREGE & CNRS-France (Research stay in France for 12 months). He is currently, relocated to France to learn and practice the newly emerging lab analytics and equipment for archaeomagnetism, (triple oxygen isotope composition of phytoliths 17O, XRD & laser granulometry at the Européen de Recherche et d'Enseignement des Géosciences de L'environnement, Aix-en-Provence et Aix Marseille Université, France. Additionally, he recently received a 1-year research grant from the Gerda Henkel Foundation for his research project entitled: 'Community Engagement in Safeguarding the Rock Arts of Singida Region, Tanzania' in order to undertake a community engagement-oriented project to salvage the endangered rock art sites of the Singida region.

# The Making of a Mediterranean Network: The Retrospective Ethnogenesis of the Greeks

## Naoíse Mac Sweeney

When: Thursday 18.45-19.45

Where: Room 31, CU002, FLG, Aula C

The ancient Greek world can be conceptualised as a network, stretching across the Mediterranean and beyond into the Black Sea. Over the last fifty years, scholars have debated how this network came into being, arguing for different models based on centrally-organised colonisation, mass migration, entrepreneurial movements, and the haphazard mobility of individuals. In all models however, the directionality of human travel is the same – it is assumed that Greek people travelled outwards from their original homeland in the Aegean, and created the network by settling in new and far-flung locations. In this paper, I will argue the opposite. Based on the work of the ERC project, Migration and the Making of the Ancient Greek World (MIGMAG), I will propose that the ancient Greek world was created, not by the outwards emigration of people with a pre-existing Greek identity, but rather by complex multidirectional and multiscalar movements leading to a gradual cultural convergence, culminating in the retrospective ethnogenesis of the Greeks.



## Biography

Naoíse Mac Sweeney is Professor of Classical Archaeology at the University of Vienna. She is an Academic Editor of the journal *Anatolian Studies*, a Fellow of the Royal Society of Antiquaries (UK), a Corresponding Member of the Archaeological Institute of America (USA), and currently leading the ERC project, Migration and the Making of the Ancient Greek World (MIGMAG). The main focus of her research is migration, cultural interactions, and identities in the first millennium BCE, particularly in Anatolia and the Greek world. An important second strand of her work considers the uses of antiquity in modern political discourse.

## Another radiocarbon revolution? Uses of single tree-ring $^{14}\text{C}$ in improving radiocarbon calibration and anchoring chronological frameworks

### Charlotte Pearson

When: Thursday 18.45-19.45

Where: Room 78, CU002, FL2, Aula 201

There is no doubt that radiocarbon dating has been revolutionary for the archaeological discipline, but situations still persist where it does not agree with archaeological expectations. Where such issues cannot be resolved, attempts to synchronize multi-region chronologies can be held up for decades. Recent advances in radiocarbon instrumentation mean that it is now possible to upgrade data sets underpinning the international radiocarbon calibration curve (IntCal) with a far greater sample depth and precision than was previously practical. The result is a more accurate representation of past  $^{14}\text{C}$  against which to calibrate radiocarbon samples. For some time periods this will likely make little difference to calibrated dates, but in others we now know it could impact dating results by 70 or more years. The calibration data also reveal globally reproducible patterns or events in  $^{14}\text{C}$  which can be used in new ways to anchor chronologies and complement improved calibration. This talk will preview some likely changes for calibrated radiocarbon dates between 2000 and 1400 BCE and provide examples of how single year  $^{14}\text{C}$  can be used to anchor floating archaeological records.



### Biography

Dr Charlotte Pearson is a ge archaeologist, radiocarbon and tree-ring scientist based at the Laboratory of Tree-Ring Research at the University of Arizona, Tucson, USA, where she is also affiliated faculty in the School of Anthropology and Geosciences. She gained her bachelor of science degree in environmental archaeology at the University of Wales, Trinity St David, her master's degree in ge archaeology and her PhD in archaeological science at the University of Reading, UK. Her research focuses on using tree-rings, radiocarbon and paleoenvironmental evidence to provide more accurate chronological frameworks for inter-regional archaeology and geological hazards. She serves as part of the International Radiocarbon Calibration Curve working group where she is part of a team generating and refining single year (tree-ring based) radiocarbon data to improve the accuracy of the radiocarbon calibration curve. She is currently developing the National Science Foundation funded 'TIME lab', at the University of Arizona, which will continue this work and innovate further high-precision dating solutions utilizing tree-rings, radiocarbon, stable isotope and chemical evidence.

## Material Culture Acting from Beyond Time: “Antique” Artifacts in Early Medieval Mortuary Practices within the Central Balkans

### Monika Milosavljević

When: Saturday 18:45-19.45

Where: Room 78, CU002, FL2, Aula 201

As the remnants of the post-Roman world transformed into the early Medieval period, there is observable significant and evident reuse of a contemporaneous, “antique” material culture together with the adoption of “anachronistic” mortuary practices. Roman culture lingered, continuing to reverberate into the future in medieval communities that had not been part of the original multi-scalar empire, nor had maintained a direct connection to the land throughout the previous empire. Early medieval mortuary practices of the central Balkans clearly demonstrate interconnections in social and cultural construction in a time of crisis, building upon the remains of „the shoulders of giants”. Cemeteries and individual graves from the 9th to 11th century around the Danubian limes (located in modern-day Serbia) are most recognizable. The phenomenon of reuse may be more concretely labelled the “percolation of time” i.e., how the link to the past could be used to justify the present by newly-settled small communities of Slavs and Avars in the Early Middle Ages. The key takeaway is that the dissemination of material culture and ideas need not merely be derived directly from the centre to the periphery and in reverse, but may trickle out locally beyond assumed boundaries of time. New communities continue to be shaped from the past, selecting and augmenting to the original meanings of the material culture of the past while assigning ones of their own.



### Biography

Monika Milosavljević is an associate professor at the Department of Archaeology, Faculty of Philosophy at the University of Belgrade, as well as a co-head of the Centre for Theoretical Archaeology at the same department. She has been a Medieval European Research Community (MERC) committee member since 2019. Her research interests lie in the political usage of archaeology, the history of archaeology, the archaeology of identity and archaeological theory in general. In recent years, Monika has focused on medieval mortuary archaeology and the *stećci* phenomenon - medieval monumental grave markers of unknown origin dating from the 12th to 16th century. Moreover, she is interested in the history and philosophy of science, particularly the philosophy of archaeology and evidential reasoning. Believing that archaeology as a prominent field has its place in the everyday world around us, she is passionate about the benefits of plurality in archaeology, from epistemological positions to everyday teaching practice.

# Materialising Sacred Landscapes: An Investigative Tool for Understanding Social Transformation

## Giorgos Papantoniou

When: Saturday 18:45-19.45

Where: Room 31, CU002, FLG, Aula C

A holistic approach to landscape archaeology considers ‘landscape’ as an expression of society within a system of cultural meaning; it gives equal consideration to built and natural environments, as well as humans and movable objects, seeking to ‘read’ place-making and materialisation of ideologies. This paper, using Cyprus as a case-study, aims to raise issues for discussion about the changes in the use and concept of sacred landscapes as developed in the Archaic and Classical periods under the Cypriot kings (the basileis, but then continued to function in a new imperial environment, that of the rule of the Ptolemaic strategos and later of the Roman proconsul. This diachronic, inter-disciplinary and Cypro-centric approach reveals that the new politico-economic Hellenistic and Roman structures were, as in the preceding periods, supported by the construction of symbolically charged sacred landscapes. Thus, during the long history of the island, we may identify three pivotal phases: first the consolidation of the Cypriot polities and the establishment of a ‘full’ sacred landscape as shown by the rise of the number of urban and extra-urban sanctuaries; then the transition from segmented to unitary administration under Ptolemaic and Roman imperial rule and the consolidation of a more ‘unified sacred landscape’; finally, as a conclusion, the establishment of a number of Christian bishoprics on the island and the movement back to a ‘full’ sacred landscape as shown by the establishment of a great number of urban and extra-urban basilicas. Case-studies will also be drawn from the archaeological surface survey project in the Xeros River Valley in Larnaka, where we have recently combined landscape, historical and community archaeology to address issues related to contemporary cultural heritage and societal transformations, such as healing of negative memories and contribute to various communities’ wellbeing. Moving beyond the particular example of Cyprus, this contribution offers a paradigm for the implications that the employment of the ‘sacred landscapes’ concept may have when addressing issues of socio-political and socio-economic transformations.



## Biography

Giorgos Papantoniou (BA University of Cyprus, PhD Trinity College Dublin) is Assistant Professor in Ancient Visual and Material Culture in the Department of Classics, Trinity College Dublin. He has also previously held research and teaching positions at the University of Cyprus, the Open University of Cyprus, the Institute for Mediterranean Studies in Crete, and the University of Bonn in Germany. He currently coordinates the international scientific network ‘Unlocking Sacred Landscapes’ (UnSaLa). Focusing on Mediterranean archaeology with Cyprus as a case-study, his agenda is based on interdisciplinary and diachronic approaches bridging the Greek and the Roman worlds: bringing together landscape, archaeological, textual, iconographic evidence and deploying anthropological models, he works on the visual and material culture of the island from the Bronze Age to Late Antiquity. He is currently developing new interests in cultural heritage and historical archaeology, especially archaeology and wellbeing, reception studies and use of ethnography. More specifically, he focuses and publishes consistently on four diverse yet interconnected themes: landscape archaeology; Hellenistic society and image making; material culture and the archaeology of ritual and religion; and cultural heritage studies.



## Stratified lives around the sanctuary of San Casciano dei Bagni (Siena, Italy): archaeology, ancient bronzes, modern communities

### Jacopo Tabolli

When: Saturday 18:45-19.45

Where: Room 6, CU003, FL1, Aula I

This lecture presents the new discoveries at the sanctuary of Bagno Grande, at San Casciano dei Bagni (Siena, Italy, a thermo-mineral spring still in use today). The Etruscan and Roman communities that structured and frequented the sanctuary between the 3rd century BCE and the 5th century CE left visible architectural, sculptural and textual evidence. Moving beyond the now famous votive offerings in bronze, we will investigate the complex multilingual and multicultural elements that are stratified in the shrine.

Multilingualism and Multiculturalism are also the two main components of the international research project around Bagno Grande. The role of the current local community is crucial within the research project and its interaction with universities and political institutions (such as Region Tuscany and the Italian Ministry of Culture) is a primer of the research. Decolonizing the assumption that links every archaeological research to the initiative of academics, we will explore how the community of San Casciano dei Bagni over the past thirty years has led the research and promoted the enhancement of cultural heritage: as a result, the impact assessment analyses of the ongoing project since its early phases keeps resulting into a constant renegotiation of the research objectives of the project.



### Biography

Jacopo Tabolli is Assistant Professor of pre-Roman Archaeology and Etruscology (ARCH-01/C) at the Università per Stranieri di Siena and Director of the Centre for Archaeology of Diversity and Mobility in pre-Roman Italy. He received his BA in 2006, MA in 2008 and completed his PhD in 2012 at Sapienza University of Rome. Between 2015 and 2017 Jacopo has been a post-doctoral researcher at Trinity College Dublin, where he also taught for two years and a Research Associate at the University of Cyprus. Between 2017 and 2021 he was an Archaeological Officer at the Soprintendenza Archeologia, belle arti e paesaggio per le province di Siena, Grosseto e Arezzo. He published two books, edited twelve volumes and wrote more than 120 papers on peer-reviewed journals and book chapters. Editor of *Officina Etruscologia* and founder of the Museo Archeologico Virtuale di Narce, his main research interests include also cultural heritage law and economy of culture.

His main research interests focus on Etruscan and pre-Roman material culture, funerary ideology, ancient political landscape and sanctuaries. Jacopo has been excavating in several necropoleis, sanctuaries and settlements. Jacopo has been working for many years on Etruscan Veii and the Ager Faliscus (especially on Narce, combining the study of material culture with archival research). He has been addressing in particular the role of legal and illegal excavators at the time of the Unification of Italy (Francesco Mancinelli Scotti for instance, published in 2021 with M. Cristina Biella). Jacopo is currently conducting multidisciplinary research on the archaeology of the territory of ancient Chiusi, with a focus on the protourban and urban development of the centre, and on the territory to the west of the Cetona Mountain, towards the Ombrone Valley and the area of Etruscan Saina/Siena. He is also interested in the role of the small islands of Tuscany between the Late Bronze Age and the Romanization.

Jacopo currently directs the archaeological excavations at San Casciano dei Bagni (Etruscan and Roman sanctuary at Bagno Grande) and at Isola del Giglio (Seascape project, receiving funding from different national and international institutions). He co-directs the excavation at the tumulus of Laona, in Palaepaphos (Cyprus, within the framework of the PULP project, directed by Maria Iacovou). Alongside the excavations, Jacopo is developing the display of the artifacts and contexts in local and national museums, integrating the results of field activities and surveys into broader projects of enhancing and communicating cultural heritage to local communities.

# GUIDELINES FOR SESSION ORGANISERS & PRESENTERS

## Session Organisers

**Technical Setup:** Rooms have PCs/laptops (personal devices not allowed, cameras, microphones, speakers, and projectors. Familiarise yourself with the room 20 minutes before the session. A volunteer should be present; if not, inform any volunteer/organiser/IT support promptly.

**Streaming and Participation:** Sessions will be streamed on the event mobile app and web platform. For online participation, speakers should use the EAA 2024 web platform at <https://live.allintheloop.net/App/EAA/EAA2024>, integrated with Zoom. For instructions on connecting and using the platform, please visit the EAA 2024 website at <https://www.e-a-a.org/EAA2024>.

**Speaker Coordination:** Ensure your speakers know the order and time limits. Online speakers should be live for Q&A even if they provide pre-recorded presentations. Onsite speakers should upload their presentations before the start of the session.

**Session Gaps:** If a speaker is absent, do not alter the order. Use the time for discussion or a break. Inform the EAA Secretariat about no-shows.

**Microphone Use:** Ensure everyone uses the microphone for online participants. Repeat questions and use the microphone for answers.

**Recording Sessions:** All sessions are streamed; however, only those whose organisers agreed to it will be recorded - please inform the speakers accordingly. Only requested sessions will be recorded. Inform speakers accordingly. Recordings will be available in the app for six months.

## Onsite Speakers

**Preparation:** PCs/laptops have MS Office. Bring your presentation in PowerPoint format on a memory stick or cloud storage. Upload it 20 minutes before the session starts.

**Running Order:** Know the session order and your time slot. Consult the session organiser if needed.

## Online Speakers

**Software:** For online participation, speakers should use the EAA 2024 web platform at <https://live.allintheloop.net/App/EAA/EAA2024>, integrated with Zoom.

For instructions on connecting and using the platform, please visit the EAA 2024 website at <https://www.e-a-a.org/EAA2024>. Use Google Chrome and a stable internet connection (at least 1.2 Mbps).

**Backup Plan:** Pre-record your presentation as a backup. Ensure good audio and video setup. Test connections in a test room will be available from Saturday August 26 to Saturday August 31 August.

**Running Order:** Know the session order and time slots. All times are in CEST.

For further details, please visit [www.e-a-a.org/ea2024/guidelines](http://www.e-a-a.org/ea2024/guidelines) and [www.e-a-a.org/ea2024/scientificprogramme](http://www.e-a-a.org/ea2024/scientificprogramme).

## FILMING & PHOTOGRAPHY

The EAA provides filming facilities for the Opening Ceremony, the AMBM, the keynote lectures and selected sessions to be broadcast/live-streamed. It is forbidden for AM delegates to film sessions, individual presentations, the AMBM or any other official occasion without the express permission of the EAA.

A professional photographer may be appointed by the EAA to make systematic photographic documentation of AM events. Photography is generally allowed to delegates at the AMBM and other official events and occasions, as well as in sessions (at the discretion of session organisers). An individual author/presenter can forbid photography by saying so at the start of their presentation.

The EAA maintains the right to hold, publish and otherwise use the photographs and the filmed material.

## HOW TO READ THE SCIENTIFIC PROGRAMME

### Names, affiliations, wording

- Names and titles are reproduced as submitted by the session organisers and/or authors, with no revisions to language or wording.
- When consecutive authors share the same affiliation, it is listed in brackets after the name of the final author.

### Schedule

- Sessions are organised by day, time, building, room, and session number.

- Central European Summer Time (CEST) is used.

## Daily Schedule

- Session Block 1: 08:30 – 10:30
- Coffee Break 1: 10:15 – 11:00
- Session Block 2: 11:00 – 13:00
- Lunch Break: 12:45 – 14:00
- Session Block 3: 14:00 – 16:00
- Coffee Break 2: 15:45 – 16:30
- Session Block 4: 16:30 – 18:30
- Keynote Lectures: 18:45 – 19:40 (Thursday, Saturday)

## Locations

Room numbers are followed by the building code „CU-“ (from città universitaria - university city) and floor, then the room’s Italian name (sometimes shortened).

## Building Codes and Room Names

- CU003: Lettere e Filosofia (Letters)
- CU002: Giurisprudenza; Scienze politiche e Scienze statistiche (Law)
- CU005: Geologia e Mineralogia (Geology and Mineralogy)
- CU013: Fisica „Guglielmo Marconi“ (Physics “Marconi”)
- CU006: Matematica „Guido Castelnuovo“ (Maths)
- CU033: Fisica „Enrico Fermi“ (Physics “Fermi”)
- CU022: Botanica e Genetica (Botany and Genetics)
- CU028: Aule blu (Blue building)
- CNR01: Consiglio Nazionale delle Ricerche (located outside the main Sapienza gate)
- CU001: Rettorato (Rectorate)

## Floor Codes

Certain codes do not apply with some buildings.

- BAS: basement
- EXT: external access (only from outside), ground floor

- FLG: ground floor
- FL1: first floor
- FL2: second floor
- FL3: third floor
- FL4: fourth floor
- FL5: fifth floor

## Updates

The scientific programme was last updated on 24 July. For latest changes, visit EAA 2024:

- website: <https://www.e-a-a.org/EAA2024>
- mobile app: available on Google Play / App Store / QR code on the unnumbered front page of this booklet (app name: EAA 2024 Rome)
- web platform: <https://live.allintheLOOP.net/App/EAA/EAA2024>

## POSTERS

Posters at EAA 2024 will be accessible as e-posters via **e-poster boards** on the ground floor of building **CU003** (Lettere e Filosofia, in the Museum of Classical Art.

They will also be available through the **EAA mobile app and web platform**. Posters will not be printed, presented within sessions or receive formal presentation slots, meaning authors will not be speaking or presenting their posters.

Additionally, delegates can browse poster abstracts in the EAA 2024 **Abstract Book** available on our conference website.

Delegates are encouraged to provide feedback to poster authors via email, the mobile app, or the web platform.

## SESSIONS

## THURSDAY 29 AUGUST

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 1 <b>CU003</b> EXT CISADU	<b>188.</b> Cult Practices in the Ancient Mediterranean: Mobility, Changes, and Persistence		<b>531.</b> Making Connections: Towards Archaeological Narratives in Contemporary Society	
Room 2 <b>CU003</b> EXT Vetri	<b>569.</b> Unearthing the Echoes of Violence		<b>934.</b> Sacred Landscapes in Context: Creation, Development, and Conceptualisation	
Room 3 <b>CU003</b> BAS Partenone	<b>938.</b> The Archaeology of Ancient Borderscapes: Multiple Approaches, New Paradigms			
Room 4 <b>CU003</b> BAS Auletta	<b>593.</b> Whither Evolutionary Archaeology?		<b>207.</b> Divided by 'Facts': Re-thinking the Challenging Relationship between Ancient Written Sources and the Archaeological Record through Telling Case Studies	
Room 5 <b>CU003</b> BAS Archeologia	<b>1113.</b> Going Beyond Traditional Approaches to Lithic Research in Prehistory and Protohistory: Hypothesis, methods, validation, contrast and raw data			
Room 6 <b>CU003</b> FL1 Aula I	<b>834.</b> Women through the Ages: Roles, Rituals, and Research through the Lenses of Archaeological Sciences		<b>1224.</b> ERC funding opportunities for archaeology	
Room 7 <b>CU003</b> FL1 Aula II	<b>669.</b> Ottoman - Era/ Historical Archaeology: Materials and Methods in Context		<b>916.</b> Integrating Neandertal Legacy: From Past to Present. From Science to Society	
Room 8 <b>CU003</b> FL1 Aula III	<b>1147.</b> Mediterranean Interaction 'from within': Island and Coastal Communities in Dialogue		<b>1030.</b> Surveying in Archaeology in the Digital Era: Rethinking Old Procedures and Imagining New Standards	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 9 CU003 FL1 Aula IV	<b>336.</b> Burial after the End of the World		<b>1167.</b> Historical Archaeologies of the Coastal and Fluvial Anthroposphere? landscapes and structures, combining settlement archaeology and geosciences	
Room 10 CU003 FL1 Aula V	<b>374.</b> From Lab to Field, from Vertical to Horizontal. New Approaches to the Use of Portable X-ray Fluorescence (pXRF) in Archaeology		<b>895.</b> Perceiving and Shaping Landscapes	
Room 11 CU003 FL1 Venturi	<b>390.</b> Modelling connections: new methodologies to understand human mobility, route networks and land use		Quaternary Environments and Humans Journal (Elsevier and INQUA) Meet & Greet Event	
Room 12 CU003 FL1 Toesca			<b>1101.</b> Imprints - Tracing Late Prehistoric Environmental Impact in Southern Europe through Non/Low Invasive Methods	
Room 13 CU003 FL1 Nobile	<b>909.</b> Integrating Data on Ancient Wine and Oil Presses: Challenges and Interpretative Potential		<b>417.</b> Hispania and the Mediterranean: New Approaches to the Analysis of Sea- and Inland Networks (3rd c. BC-7th c. AD)	
Room 14 CU003 FL3 Simonetti	<b>1082.</b> The Archaeology of EU-PoTaRCh: The Production of Potash, Tar, Resin and Charcoal in the Archaeological Record		<b>637.</b> Unveiling Eurasia's Prehistoric Techniques through Use-Wear Analysis: A Cross-Cultural Exploration	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 15 CU003 FL3 Aula XXII	<b>797.</b> Best Practices on Archaeological 3D Data Management: Methods and Approaches to Capture, Generate, and Disseminate 3D Information in Archaeology		<b>510.</b> Rome's Place in an Eponymous Empire	
Room 16 CU003 FL3 Chabod	<b>857.</b> Persistent signs on surfaces: the innovative use of Visual Archaeology techniques in investigating voluntary and crafting marks		<b>57.</b> What Do We Need to Know to Understand Stone Age Migration and Mobility?	
Room 17 CU003 FL3 Romeo	<b>1144.</b> New Trends in Medieval and Modern Glass: Glass Centres, Production and Trade		<b>615.</b> Archaeology of Archaeology?	
Room 18 CU003 FL3 Morghen	<b>1124.</b> Changing land use strategies at high mountain areas in Europe since the Neolithic		<b>1107.</b> Manipulating Senses and Staging the Inconceivable. Discovering the Embodied Past by Phenomenological Explorations and other Methodss	
Room 20 CU003 FL4 De Martino	<b>1076.</b> The Late Antique to Early Medieval Transition in Europe and North Africa: Socio-Cultural Dynamics of Migration, Mobility, and Identity		<b>58.</b> Archaeologies of Global Outlands. Non-Agricultural Economies and Interconnected Societies	
Room 21 CU003 FL4 Aula C	<b>223.</b> Monumental Issues: Archaeological Approaches to the Public Materialities of Contested Pasts		<b>74.</b> Establishing a Socio-Political BioArChaeology in Historical Times: Impacts of Status-Quo Transitions on Lifeways and Deathways in the Mediterranean Southern Europe	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 22 CU003 FL5 Pirrotta	<b>918.</b> Public Benefit: Sharing, Critiquing, Brain-Storming and Blue-Skying Experience and Ideas to Help Archaeology Benefit Wider Society in the Future		<b>632.</b> Multiscalar Methods for Studying Ancient Landscape Developments and Settlement Dynamics in the Classical World between Archaeology and Heritage Management	
Room 83 CU002 FLG Aula T01	<b>1008.</b> Food Processing and Cooking Practices in Europe, North Africa, and Western Asia (Neolithic to Iron Age)			
Room 24 CU002 FL1 Lauree	<b>905.</b> Modernity as a Colonial Process from within: The Material Impact of Industrialization on European Societies	<b>1160.</b> Intercultural Contacts within the Baltic Sea Region from Prehistory to the Early Middle Ages		<b>411.</b> What Are the Next Challenges for the Professional Ethics of Human Remains?
Room 25 CU002 FL1 Aula V	<b>122.</b> Indicators of Nonprivileged Populations from Funerary Contexts: Multidisciplinary Approaches to Assessing Disparities in Past Populations		<b>819.</b> Network of European Identities? The Iron Age between Alps, Pannonia and Balkans	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 26 CU002 FL1 Aula VI	<b>852.</b> Manufacturing Memory. Past Mnemotopoi and Present Map-making in the Quest of Collective Memories			<b>843.</b> The 'Data Rush' - Adapting to the Consequences of Increased Quantities of High-quality Data in Archaeological Research
Room 27 CU002 FL1 Aula VII	<b>723.</b> Egyptian Blue - From Literature to the Artifact to the Lab			<b>987.</b> The Introduction of Tin Bronze in Prehistoric Europe
Room 28 CU002 FL1 Aula VIII	<b>355.</b> Ochre and Culture: The Odyssey from Exploitation to Societal Significance			<b>697.</b> Human-Environment Interactions in European Calcareous Landscapes during the Pleistocene and Holocene
Room 29 CU002 FL1 Aula IX	<b>657.</b> Teaching and Learning Archaeology with Digital Tools		<b>1119.</b> Crafts in the Roman World: Production, Distribution, and Pedagogy	<b>520.</b> Persisting and Changing Work Identities from the Prehistoric to the Hellenistic Mediterranean

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 30 CU002 FL1 Aula 101	<b>613.</b> Making the Most of What We've Got: Activating Museum Collections, Monuments and Built Heritage			
Room 31 CU002 FLG Aula C	<b>997.</b> Chaîne Opératoire and Life Cycle of Proto-historic and Ancient Building Materials			
Room 32 CU002 FLG Aula D	<b>978.</b> The Role of Public Archaeology in Heritage Management	<b>984.</b> Archaeology and Anthropology, two approaches one goal: insight into life and death from the 3rd to 7th century CE		
Room 77 CU002 FLG Aula XIII Massimo D'Antona	<b>902.</b> Archaeology of Wilderness: Humans, Animals and Landscapes throughout the Holocene			
Room 78 CU002 FL2 Aula 201	<b>1129.</b> Inclusive Archaeology: Practical Approaches to Heritage Participation			
Room 79 CU002 FL3 Aula 301	<b>381.</b> Capacity Building for FAIR Data Sharing and Digital Preservation			
Room 80 CU002 FL3 Aula 302	<b>104.</b> Zoochanges: Animals as Proxies during Periods of Transition and Change			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 34 CU005 FL1 Lucchesi	<b>973.</b> Pyroarchaeology: Fire-Related Engineering, Environment and Cultural Proxies	<b>1182.</b> Cooperating or Competing? The Organisation of Space and Power Using Networks and Systems of Fortifications		
Room 35 CU005 FL1 Gismondi I	<b>1139.</b> Them and Us: Interdisciplinary Approaches to Identity, Community, and 'Otherness' in the Medieval World	<b>34.</b> Archaeology, Landscape and Skyscape. How Material Archeology Change and Persist with Different Ontological and Epistemological Interpretations		
Room 36 CU005 FL1-Gismondi II	<b>1148.</b> On the Life of Vows: Monastic Archeology and BioArChaeology	<b>708.</b> Digital Dissemination: Using New Tools to Communicate with Stakeholders		
Room 37 CU005 FL2 Ponzi I	<b>240.</b> Megaliths and the Community: Opportunities and Challenges of Community Engagement in the Management, Public Presentation, and Protection of Neolithic Landscapes	<b>135.</b> All in One Breath: (Bio) Archaeological Approaches to Respiratory Diseases		
Room 38 CU005 FL2 Ponzi II	<b>1102.</b> Strategies to Rule Them All. A Transnational Analysis of Landscape Control and Scales of Power Between 5-16th Centuries	<b>709.</b> Ties That Bind: Community, Ecology and Challenges of Scale		
Room 42 CU005 BAS Aula 3	<b>666.</b> The Impact of Digital Methods in BioArChaeology and Paleoanthropology: Innovative Applications and Technological Advances	<b>217.</b> Materialising the Invisible. The Analysis of Rural Societies in the Transition to the Early Middle Ages in the Iberian Peninsula		
Room 43 CU013 FL1 Careri	<b>591.</b> Beyond the Walls. Interrogating the Wider Landscapes of Iron Age Communities in Temperate Europe	<b>592.</b> Decision-making and Assessing and Articulating Archaeological Significance		



	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 45 CU013 FL1 Conversi	<b>105.</b> How Were Medieval Towns in Europe Formed? Urban Settlements Between the Early and the High Middle Ages		<b>151.</b> The Beasts Among Us: A Closer Look at Synanthropic Human-Animal Relations in the Past	
Room 46 CU013 FL2 Rasetti	<b>776.</b> Plaster a Multipurpose Material for Binding Knowledge	<b>901.</b> Understanding the Research Process as a Chaîne Opératoire	<b>1179.</b> The Exploitation, Uses, and Representations of Marine Invertebrates (Molluscs, Crustaceans, Echinoderms) in the Roman Empire	
Room 48 CU006 FLG Aula C	<b>173.</b> Early Careers on the Roman Frontiers? Connecting People, exploring innovative methods, advancing interdisciplinarity		<b>93.</b> Post-Earthquake Scenarios in the Classical and Medieval Periods. Archaeoseismology as a Tool for Investigation on an Urban and Architectural Scale	
Room 49 CU006 FLG Aula A	<b>1016.</b> Intra-Mural Burials and Their Cultural Landscape in Europe and the Mediterranean from Prehistory to the Middle Ages	<b>1149.</b> Modelling as Collective Undertaking: Best Practices in Building an Open Access Library for Agent BASEd Modelling in Archaeology	<b>771.</b> Heritage Beyond Consumption: A Call for a Collective Discussion	<b>460.</b> Alternative paths to complexity: new perspectives on Late Bronze Age and Iron Age centralisation in the Mediterranean
Room 50 CU006 FLG Aula I	<b>15.</b> United Europe of Things? Materialities Creating Medieval Ritual Landscapes (c. AD 1000-1550)			<b>210.</b> Breaking Traditions: Sudden Change and Abandonment in Archaeological Landscapes

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 51 CU006 FLG Aula II	<b>848.</b> The archaeogenetics of ancient Italy: socio-cultural changes, interaction and mobility from Prehistory to the Middle Ages			
Room 55 CU033 FL2 Mortara	<b>739.</b> Analysing the City. Archaeological Science Approaches to Urbanisation in the Mediterranean (1000?500 BCE)			
Room 56 CU033 FL2 Baroni	<b>696.</b> Preventive Archaeology in Europe: Context of Exercise, Methods and Working Conditions		<b>717.</b> Interwoven. Textile Exchanges Across the Mediterranean from Prehistory to Us	
Room 57 CU033 FL4 Aula 6	<b>1132.</b> 'From Chaos to Coherence' The Scientific Value and Perspective on Commingled and Fragmentary Human Remains			
Room 58 CU033 FL4 Aula 7	<b>1013.</b> Funerary Rites in European Prehistory: Knowledge Transfer in a World of Worlds			
Room 60 CU022 EXT Serra	<b>327.</b> Human Influence on Coastal Paleoenvironments: A Geoarchaeological Perspective of Human-Environmental Interactions from the Quaternary to the Anthropocene	<b>120.</b> Divide and Conquer? Advancing Multiscale Theoretical Frameworks for Archaeological Ceramics in Northwestern Europe	<b>629.</b> Living Through Crisis: Urban Household Archaeologies in the Medieval World	<b>1190.</b> Agro-silvo-pastoral practices and meeting points in upper montane regions. Creating and preserving community bonds

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 61 CU022 EXT Aula D	<b>1168.</b> 'Not All Men'? Approaching Masculinities as Gendered Identities within Their Social Contexts and Practices in Prehistoric Europe		<b>1058.</b> Dryland Agriculture and Land Use; Past, Present and Future Resilience	<b>1057.</b> The Mediterranean in Scandinavia? Imports and Trade during the Middle Ages and Early Modern Period, c. 1000 - 1800
Room 62 CU022 EXT Aula E		<b>331.</b> Across Deserts and Seas: Tempos and Modes of Neolithization in the Horn of Africa and the Arabian Peninsula	<b>42.</b> Europe-South Asia Relations in the Medieval and Modern Periods	<b>1128.</b> Roundtable of the Community for Teaching and Training of Archaeologists
Room 63 CU022 FLG Montalenti	<b>1083.</b> Biography, Personhood, Politics, Ancestry and Luck: The Archaeology of Life Paths		<b>1018.</b> More than Just Data: The Role of Archaeological Theory in Refining Geoscience-driven Research Questions	
Room 64 CU022 FLG Aula C	<b>1127.</b> Places of the living and places of the dead: the relationship between settlements and burial sites in Central Asia		<b>1061.</b> Appreciating the Archaeological Value of Preserved Faeces Using Multifaceted Methods	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 65 CU022 FLG Giacomini	<b>974.</b> Metals and Metalworking II: Production and Technology			<b>1093.</b> Life and Death in the Celtic West: New Insights from BioArchaeology and Funerary Archaeology
Room 66 CU022 FL1 Bettolo	<b>72.</b> Biological Anthropology Insights into Behavioral and Cultural Changes		<b>1108.</b> Archaeology, Text, Narrative, and the Usable Past in Global Perspective	<b>1195.</b> Path to New Horizons or Handmaidens to History? Isotopic Studies across the Prehistoric/historic Divide
Room 67 CU028 FLG Aula 1	<b>393.</b> Continuity and Change in Ritual Landscapes Dynamics: Reuse and Transformation of Prehistoric Ritual Places			
Room 68 CU028 FLG Aula 2	<b>579.</b> Digital Approaches in Textile Archaeology from the Field to the Museum		<b>650.</b> Disappeared and Forgotten: Nazi Concentration Subcamps, Forced Labour Camps, and Other Types of Camps as Neglected Archaeological and Heritage Sites	
Room 69 CU028 FL1 Aula 5	<b>598.</b> The Archaeobotany of Cities and Urban Landscapes			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room <b>70</b> <b>CU028</b> FL1 Aula 3	<b>496.</b> From Micro to Macro: Integrating Micro-morphology and Microcontextual Analyses for Archaeological Insights			<b>1052.</b> Re-viewing the 2020 MERC Manifesto? Checking in on the Future Direction of Medieval Archaeology in Europe
Room <b>101</b> <b>CNR01</b> BAS Convegni	<b>359.</b> The 4th and 3rd Millennium BC Steppe Impact on Prehistoric Europe Part 1			
Room <b>102</b> <b>CNR01</b> FLG Biblioteca	<b>814.</b> Materialising Meaning. Centring the Role of Social Interactions in Archaeomaterials Studies			<b>556.</b> Exploring Ancient Solutions for Modern Challenges: Archaeological Insights into Food Systems and Adaptations to Changing Environments
Room <b>103</b> <b>CNR01</b> FL1 Marconi	<b>924.</b> Roads, Passes and Valleys? Recent Discoveries and Perspectives in Caucasus Archaeology	<b>790.</b> The (Copper) Age of Transformation: Research Developments on c. 4500-3500 BC from around the Carpathian Basin		

## 15 UNITED EUROPE OF THINGS? MATERIALITIES CREATING MEDIEVAL RITUAL LANDSCAPES (C. AD 1000-1550)

**Room:** 50=CU006-FLG-Aula I

**Time:** 8:30 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Webley, Robert (University of Reading) - Sawicki, Jakub (Czech Academy of Sciences in Prague) - Vargha, Mária (University of Vienna) - Parvanov, Petar (Bulgarian Academy of Sciences) - Lewis, Michael (Portable Antiquities Scheme; British Museum)

### ABSTRACTS

- 8:30 INTRODUCTION SLOT
- 8:45 LATER MEDIEVAL 'PLACED DEPOSITS': REFLECTIONS ON AGENCY, MATERIALITY AND COSMOLOGY  
Gilchrist, Roberta (University of Reading)
- 9:00 "CHARACTERFUL" MATERIAL CULTURE: BIASES, CHALLENGES AND DATA MANAGEMENT SOLUTIONS IN LARGE-SCALE ARCHAEOLOGICAL CULTURAL HERITAGE DATA  
Oksanen, Eljas (University of Reading)
- 9:15 THE MATERIAL CULTURE OF CHRISTIANISATION - CONTROVERSIES AND NEW APPROACHES.  
Vargha, Maria (University of Vienna)
- 9:30 BY SWORD AND WORD: EXPANSION AND CHRISTIANIZATION OF THE SOUTHERN RUS' BORDERS AT THE END OF THE 10TH-11TH CENTURIES  
Diachenko, Dmytro (Institute of Archaeology of the National Academy of Science of Ukraine)
- 9:45 MY REFUGE AND MY FORTRESS: A GEOSPATIAL STUDY OF FORTIFIED CHURCHES  
Downs-Tepper, Liam (University of Vienna)
- 10:00 EARLY ADOPTERS IN ANCIENT LANDSCAPES: GOTLAND'S FIRST CHURCHYARD BURIALS  
Ljung, Cecilia (Uppsala University) - Klevnäs, Alison (Stockholm University; Uppsala University) - Noterman, Astrid (Stockholm University)
- 10:15 DISCUSSION SLOT

- 11:00 RURAL CHAPELS AS SITES OF POPULAR DEVOTION IN MEDIEVAL ESTONIA  
Valk, Heiki (University of Tartu)
- 11:15 DEVOTION ON THE DOWN-LOW. MATERIALITY OF UN-INSTITUTIONALIZED RITUAL PRACTICES IN MONASTERIES IN THE LATE MEDIEVAL NETHERLANDS (CA. 1100-1600)  
Mulder, Fardau (Institute of Archaeology, University of Groningen)
- 11:30 THE MATERIALITY OF PILGRIM CULTURE IN A MEDIEVAL URBAN LANDSCAPE.  
Sawicki, Jakub (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 11:45 PERSISTENCE AND CHANGE IN THE MEDIEVAL LANDSCAPE: CONTEXTUALISING RELIGIOUS BADGES FOUND IN NORTH-WEST NORFOLK (ENGLAND)  
Lewis, Michael (British Museum)
- 12:00 THE AFTERLIFE OF PILGRIM SIGNS IN EUROPE  
Søvsø, Mette (Museum Vest)
- 12:15 MEDIEVAL PAPAL BULL SEALS: FROM WRIT TO RITUAL  
Pestell, Tim (Norwich Castle Museum and Art Gallery)
- 12:30 THE TANGLED MEANINGS AND RELATIONSHIPS OF LANDSCAPES AND MATERIAL THINGS IN THE LATER MEDIEVAL PERIOD  
Standley, Eleanor (University of Oxford)
- 12:45 DISCUSSION SLOT
- 14:00 DEVOTION MADE MANIFEST: A REGIONAL CASE STUDY FROM MEDIEVAL ENGLAND  
Webley, Robert (University of Reading)
- 14:15 LANDSCAPES OF BELIEF IN MEDIEVAL & POST-MEDIEVAL PERTHSHIRE, SCOTLAND: A EUROPEAN CASE-STUDY IN REFORMATION AND RESISTANCE.  
Hall, Mark (Perth Museum)
- 14:30 WEARING THE MEDIEVAL RITUAL LANDSCAPE: RELIGIOUS BELIEF AND RITUAL ACTIVITY EXPRESSED BY SCOTTISH DRESS ACCESSORIES.  
Prosser, Lydia (Durham University and National Museums Scotland)
- 14:45 PERSISTENCE, SUBSTITUTION, RUPTURE? CERAMIC MATERIAL CULTURE IN THE SOUTHEASTERN IBERIAN PENINSULA BETWEEN THE 15TH AND 16TH CENTURIES  
Busto-Zapico, Miguel - García-Porras, Alberto (University of Granada)
- 15:00 SACRED SWORDS OF THE ALPS - EXPLORING A FORGOTTEN MEDIEVAL TRADITION IN TYROL  
Messner, Florian (University Innsbruck)

15:15 THE EARLY MEDIEVAL AGGLOMERATION OF BOJNÁ - A PLACE THAT SOURCES POWER  
Robak, Zbigniew (Slovak Academy of Sciences)

15:30 DISCUSSION SLOT

15:45 DISCUSSION SLOT

### 34 ARCHAEOLOGY, LANDSCAPE AND SKYSCAPE. HOW MATERIAL ARCHEOLOGY CHANGE AND PERSIST WITH DIFFERENT ONTOLOGICAL AND EPISTEMOLOGICAL INTERPRETATIONS

**Room:** 35=CU005-FL1-Gismondi I

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Balbi, Jose (Colchester Archaeological Group) - Gonzalez García, Antonio (Instituto de Ciencias del Patrimonio - Incipit CSIC) - Mejuto, Javier (Cultural Astronomy Space Sciences; Universidad Nacional Autónoma de Honduras) - Martz de la Vega, Hans (Escuela Nacional de Antropología e Historia de Mexico) - Iwaniszewski, Stanislaw (State Museum of Archaeology, Warsaw)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 CRYPTA BALBI. A ROMAN LANDSCAPE STUDY FROM AUGUSTUS TIME TO THE DNA PROJECT TODAY.  
Balbi, Jose (Colchester Archaeological Group) - Balbi, Carolina (Universidad de Buenos Aires - FADU) - Balbi, Lucia (Universidad de Buenos Aires - Facultad de Medicina)

14:30 THE LEGACY OF THE FOLIATED CROSS: SURVIVAL OF CRUCIFORM SYMBOLS IN THE CHORTI MAYAN CULTURE IN HONDURAS  
Mejuto, Javier - Rodas-Quito, Eduardo (Universidad Nacional Autónoma de Honduras)

14:45 DISCUSSION SLOT

15:00 THE TEMPLE PUNCHAOCANCHA OF INCA TUPA YUPANQUI  
Architectural Composition and Exceptional Celestial Alignments“  
Pinasco Carella, Alfio (Universidad Ricardo Palma)

15:15 ARCHAEOASTRONOMIC DESCRIPTION, LANDSCAPE AND SKYSCAPE OF INKAHUASI DE LUNAHUANÁ.  
d'Ans Alleman, Barthélemy (Instituto Peruano de Astronomía; Planetarium Maria Reiche)

15:30 CHRONOLOGY AND ECLIPSES IN MESOAMERICA. ESTABLISHMENT, RESISTANCE AND ABANDONMENT OF EPOCHS AND GOVERNMENTS IN THE HEGEMONIC CentreS.

Martz de la Vega, Hans (National School of Anthropology and History, Mexico) - Pérez Negrete, Miguel (Instituto Nacional de Antropología e Historia, Mexico)

15:45 DISCUSSION SLOT

16:30 ANCIENT SKIES: PROGRESS AND ISSUES WITH DIGITAL TOOLS APPLIED TO ARCHAEOASTRONOMY

González-García, Antonio César (Instituto de Ciencias del Patrimonio, Incipit)

16:45 ANOTHER LOOK AT SKYSCAPE

Iwaniszewski, Stanislaw (Escuela Nacional de Antropología e Historia)

17:00 SKYSCAPE, RELATIONAL LANDSCAPE, AND THINGNESS AT TZINTZUNTZAN ARCHAEOLOGICAL SITE.

García Reyna, Ricardo Arturo (Escuela Nacional de Antropología e Historia)

17:15 DISCUSSION SLOT

17:30 THE CULTOON STONE CIRCLE

Mom, Vincent (Digital Preservation Projects Foundation) - Higginbottom, Gail (Instituto de Ciencias del Patrimonio, Incipit)

17:45 GEOMORPHOLOGICAL AND ARCHAEOASTRONOMICAL ANALYSIS OF AN EARLY TO MIDDLE NEOLITHIC LANDSCAPE, CRANBORNE CHASE, SOUTHERN BRITAIN  
Burley, Paul (University of Minnesota)

18:00 DISCUSSION SLOT

## 42 EUROPE-SOUTH ASIA RELATIONS IN THE MEDIEVAL AND MODERN PERIODS

**Room:** 62=CU022-EXT-Aula E

**Time:** 14:00 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Hueglin, Sophie (University of Tuebingen; Newcastle University) - Arfeen-Wegner, Percy (Ruhr University Bochum) - Hauser, Mark (Northwestern University) - Tripati, Sila (National Institute of Oceanography; retired)

### ABSTRACTS

- 14:00 **TRADE BETWEEN THE ROMAN EMPIRE AND ANCIENT INDIA, A REVIEW OF ARCHAEOLOGICAL & LITERARY SOURCES**  
Kumar, Pardeep (Deptt of History, Kanya Mahavidyalaya Kharkhoda) - Navneet, Navneet (Jmi University New Delhi)
- 14:15 **TIDES OF SPICES - COMMODITIES, LUXURY, AND VALUE IN THE PRE-MODERN INDIAN OCEAN**  
Autiero, Serena (Ruhr Universität Bochum)
- 14:30 **LOOKING FROM THE EAST: TRADE ROUTES AND MARKET CENTRES IN MEDIEVAL EURASIA**  
Papa, Luca (SAGAS, Università degli Studi di Firenze) - la Salvia, Vasco (Università G. d'Annunzio Chieti) - Moderato, Marco (CASES, Universitat Pompeu Fabra) - Merola, Antonio (DIRIUM, Università di Bari) - Ganimede, Sara (Università G. d'Annunzio Chieti) - Vadak-kiniyil, Dinesan (Kerala Council for Historical Research) - Petřík, Jan (Masarykova University) - Hill, David (APAC Carlsbad)
- 14:45 **EUROPEAN PERIOD SHIPWRECKS IN INDIAN WATERS**  
Tripati, Sila (CSIR-National Institute of Oceanography; Retired)
- 15:00 **BEYOND EAST VERSUS WEST: EXPLORING THE DYNAMICS OF ARCHITECTURAL PRACTICES IN MALABAR, C. 15TH-17TH CENTURIES**  
Arfeen-Wegner, Percy (Centre for Religious Studies, Ruhr University Bochum)
- 15:15 **A RICE GRAIN 'S JOURNEY IN THE BIG WORLD 'S BARN - GLOBAL NUMISMATICS**  
Schwinghammer, Philipp (Thuringian Society of Coins and Medals/ German Numismatic Society)

- 15:30 **MINTING MADNESS ON THE COROMANDEL COAST: SPATIAL PATTERNS AND ORGANIZATION OF EUROPEAN MINTS BETWEEN THE 17TH AND 18TH CENTURY**  
Hauser, Mark (Northwestern University) - Varma, Supriya (Azim Premji University)

15:45 **DISCUSSION SLOT**

## 57 WHAT DO WE NEED TO KNOW TO UNDERSTAND STONE AGE MIGRATION AND MOBILITY?

**Room:** 16=CU003-FL3-Chabod

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Högberg, Anders (Linnaeus University; Palaeo-Research Institute, University of Johannesburg) - Hofmann, Daniela (University of Bergen) - Furholt, Martin (Kiel University)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **EMPIRICAL, OPEN AND MULTISCALAR: RESEARCH STRATEGY IN THE ARCHAEOLOGY OF MIGRATION**  
Johannsen, Niels (Department of Archaeology and Heritage Studies, Aarhus University)
- 14:30 **SURFACE WATER DISTRIBUTION AS A CONSTRAINT ON HOMININ MOBILITY IN THE CENTRAL AZRAQ BASIN DURING THE MIDDLE PLEISTOCENE**  
Beller, Jeremy (Centre for Early Sapiens Behaviour - Sapience; University of Bergen) - Collard, Mark (Department of Archaeology, Simon Fraser University)
- 14:45 **DISCUSSION SLOT**
- 15:00 **THE GENETIC MAKEUP OF THE LAST HUNTER-GATHERERS OF SOUTHERN BELGIUM**  
Rivollat, Maité (University of Ghent, Durham University) - Toussaint, Michel (University of Ghent) - Blevins, Kelly (Durham University) - Robert, Prudence (University of Ghent) - Crombé, Philippe (University of Ghent) - Fernández-Domínguez, Eva (Durham University) - de Groote, Isabelle (University of Ghent)
- 15:15 **STRUCTURAL CHARACTERISTICS OF THE FORMATION OF THE LBK DIASPORA AND CONSEQUENCES FOR DAILY LIFE**  
Pechtl, Joachim (Institute of Archaeology University of Innsbruck)

- 15:30 **PATTERN IN DIVERSITY; UNDERSTANDING COMMONALITY AND THE SPREAD OF FLINT MINING ACROSS EUROPE**  
Baczkowski, Jon (University of Southampton) - Werra, Dagmara (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 15:45 **DISCUSSION SLOT**
- 16:30 **SPATIOTEMPORAL MODELLING OF THE MESOLITHIC-NEOLITHIC TRANSITION AND THE ARRIVAL OF NEOLITHIC FARMERS WITH ANATOLIAN-DERIVED ANCESTRY IN SOUTHERN SCANDINAVIA**  
Rose, Helene (Department of Historical Studies, University of Gothenburg) - Paulsson, Bettina (Department of Historical Studies, University of Gothenburg)
- 16:45 **INNOVATION PROCESSES AND KNOWLEDGE-TRANSFER SYSTEMS WITHIN SOUTH SCANDINAVIAN STONE AGE MOBILITY. A TRANSDISCIPLINARY APPROACH**  
Högberg, Anders (Linnaeus University; University of Johannesburg) - Brink, Kristian (Sydsvensk Arkeologi AB) - Brorsson, Torbjörn (Ceramic Studies) - Malmström, Helena (Uppsala University)
- 17:00 **GENES, VESSELS, AND MIGRATIONS: HARNESSING CERAMIC TECHNOLOGY, PROBABILITY THEORY, AND NETWORK ANALYSIS TO UNDERSTAND THE EMERGENCE OF CORDED WARE**  
Kroon, Erik (Leiden University)
- 17:15 **DISCUSSION SLOT**
- 17:30 **STICKING TO YOUR ROOTS: CULTURAL DESCENT WITH MODIFICATION EXPLAINS THE CONTINUITY IN HUNTER-FISHER-GATHERER LITHIC PRODUCTION AT THE EARLY NEOLITHIC TRANSITION.**  
Lundström, Victor (University Museum of Bergen, University of Bergen)
- 17:45 **„NEOLITHIC TRANSFORMATIONS IN SOUTHERN NORWAY: MIGRATION, CULTURAL DYNAMICS, AND ECONOMIC CHANGE“**  
Lechterbeck, Jutta (Arkeologisk Museum, Universitetet i Stavanger) - Bergsvik, Knut Andreas (University Museum of Bergen) - Schülke, Almut (Kulturhistorisk Museum Oslo) - Kirleis, Wiebke (CAU Kile)
- 18:00 **MOBILITY OF COMMUNITIES IN THE FINAL ENEOLITHIC AND EARLY BRONZE AGE IN POLAND AND SLOVAKIA: INSIGHTS FROM STRONTIUM ISOTOPIC ANALYSES**  
Jarosz, Pawel (Institute of Archaeology and Ethnology PAS) - Szczepanek, Anita (Institute of Archaeology and Ethnology PAS; Department of Anatomy Collegium Medicum Jagiellonian University) - Horváthová, Eva (Archeologický Ústav SAV)

- 18:15 **DISCUSSION SLOT**

## 58 **ARCHAEOLOGIES OF GLOBAL OUTLANDS. NON-AGRICULTURAL ECONOMIES AND INTERCONNECTED SOCIETIES**

- Room:** 20=CU003-FL4-De Martino  
**Time:** 14:00 - 16:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Escribano-Ruiz, Sergio (University of the Basque Country- UPV/ EHU) - Hennius, Andreas (Upplandsmuseet)

### ABSTRACTS

- 14:00 **ARCHAEOLOGIES OF GLOBAL OUTLANDS NON-AGRICULTURAL ECONOMIES AND INTERCONNECTED SOCIETIES – AN INTRODUCTION**  
Escribano-Ruiz, Sergio (University of the Basque Country- UPV/ EHU) - Hennius, Andreas (Upplands Museum)
- 14:15 **MARGINAL LANDSCAPE - MARGINAL DATA?**  
Engevik, Asbjørn (University of Bergen)
- 14:30 **RESOURCE EXTRACTION AND NON-AGRARIAN PRODUCTION IN THE FORESTED NORTH – COMMODITIES FOR TRADE ON SUPRA-REGIONAL NETWORKS**  
Hennius, Andreas (Stiftelsen Upplandsmuseet)
- 14:45 **DISCUSSION SLOT**
- 15:00 **CRISES IN THE OUTLAND USE. THE ROLE OF REPLACEMENT INDUSTRIES IN LOCAL STRATEGIES.**  
Pettersson, Susanne (Independent) - Svensson, Eva (Risk and Environmental Studies, Karlstad University) - Johansson, Annie (County Administrative Board, Varmland)
- 15:15 **THE INTEGRATION OF INDIAN FOREST-DWELLERS INTO SHORT- AND LONG-DISTANCE EXCHANGE NETWORKS IN THE MEDIEVAL PERIOD**  
De Simone, Daniela (Ghent University)
- 15:30 **MODERN CARTOGRAPHIC TOOLS REVEAL THE ORIGIN OF ROME, PISA, ARLES, AND OTHER CITIES BORN ALONG A PROTOHISTORIC CIRCUM-MEDITERRANEAN PEDESTRIAN PATH**  
Perrone, Antonio (WEDAP)
- 15:45 **DISCUSSION SLOT**

- 72 BIOLOGICAL ANTHROPOLOGY INSIGHTS INTO BEHAVIORAL AND CULTURAL CHANGES**
- Room:** 66=CU022-FL1-Bettolo  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Crevecoeur, Isabelle (CNRS; Université de Bordeaux) - Brukner Havelková, Petra (Natural History Museum; Charles University) - Velemínský, Petr (Natural History Museum) - Varadzinová, Lenka (Charles University) - Varadzin, Ladislav (Czech Academy of Sciences)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 ASSESSING AFRICAN HUMID PERIOD POPULATION DYNAMICS USING MULTIPLE SKELETAL INDICATORS  
 Stojanowski, Christopher (Arizona State University)
- 9:00 INSTABILITY IN AN EARLY SEDENTARY CONTEXT: THE CONTRIBUTION OF BIOANTHROPOLOGY TO THE EXPLICATION OF NATUFIAN SOCIETY (NEAR EAST, 13000-9800 BCE)  
 Bocquentin, Fanny (CNRS UMR 8068 Temps) - Crevecoeur, Isabelle (CNRS UMR 5199 PACEA) - de Becdelièvre, Camille (AMU, CNRS, Minist Culture, UMR 7269 LAMPEA)
- 9:15 TRANSITIONS OF PHYSICAL BEHAVIOUR FROM THE LATER STONE AGE TO THE NEOLITHIC IN NORTHWEST AFRICA  
 Wylin, Glauke (Department of Archaeology, ArcheOs: Research Laboratory for Biologicalanthropology, Ghent University) - de Groote, Isabelle (Department of Archaeology, ArcheOs: Research Laboratory for Biologicalanthropology, Ghent University; Research Centre in Evolutionary Anthropology and Palaeoecology, Liverpool John Moores University) - Humphrey, Louise (Centre for Human Evolution Research CHER, Natural History Museum London)
- 9:30 TOOTH DECAY AND WILD PLANT EXPLOITATION IN PLEISTOCENE HUNTER GATHERERS FROM MOROCCO  
 Humphrey, Louise (Centre for Human Evolution Research, Natural History Museum, London) - de Groote, Isabelle (Department of Archaeology, ArcheOs: Research Laboratory for Biological Anthropology, Ghent University) - Morales, Jacob (Departamento de Ciencias

Historicas, Universidad de Las Palmas de Gran Canaria) - Barton, Nick (Institute of Archaeology, University of Oxford) - Bouzouggar, Abdeljalil (Institut National des Sciences de L'Archéologie et du Patrimoine, Rabat)

- 9:45 EXPLORING ANCIENT ORAL MICROBIOMES DURING THE MESOLITHIC-NEOLITHIC TRANSITION IN FRANCE  
 Blunt, Sierra (Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA, UMR 5199) - Bennett, E. Andrew (Chinese Academy of Sciences, Institute of Vertebrate Paleontology and Paleoanthropology) - de Belvalet, Harmony (Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA, UMR 5199) - Mendisco, Fanny (Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA, UMR 5199) - Pruvost, Mélanie (Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA, UMR 5199)
- 10:00 DISCUSSION SLOT
- 10:15 DISCUSSION SLOT
- 11:00 CHANGING LAKE, COMPLEX STORY: SYNTHESIZING MULTI-PROXY EVIDENCE FOR HOLOCENE BIOCULTURAL CHANGE AROUND LAKE TURKANA, KENYA  
 Sawchuk, Elizabeth (Cleveland Museum of Natural History; Turkana Basin Institute)
- 11:15 WHO WERE THE FIRST FOOD-PRODUCERS OF THE NILE VALLEY? DOCUMENTING THE PAST POPULATION HISTORY THROUGH TEETH  
 Martin, Nicolas (Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA, UMR 5199) - Velemínský, Petr (Department of Anthropology, Natural History Museum, National Museum, Czech Republic) - Crevecoeur, Isabelle (Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA, UMR 5199)
- 11:30 EXPLORING THE INDIVIDUAL AND COLLECTIVE EXPERIENCES OF THE MESOLITHIC AND NEOLITHIC TRANSFORMATIONS, DIRECT BIOANTHROPOLOGICAL INSIGHTS FROM THE CENTRAL BALKANS  
 De Becdelievre, Camille (AMU, CNRS, Minist Culture, UMR 7269 LAMPEA)
- 11:45 ECHOES FROM AFAR: CULTURAL TRANSFORMATIONS DURING THE TRANSITION TO AGRO-PASTORALIST SOCIETIES IN THE HORN OF AFRICA (3RD MILLENNIUM BCE)  
 Maréchal, Laura (Laboratory of African Archaeology and Anthropology, University of Geneva; Université Toulouse Jean Jaurès, CNRS, Traces - UMR5608; Univ. Bordeaux, CNRS, Ministère de la Culture, PACEA - UMR 5199) - Hérouin, Stéphane (Direction de L'Archéol-



ogie - Chartres Métropole, Direction Générale Adjointe Aménagement et Développement) - Desideri, Jocelyne (Laboratory of African Archaeology and Anthropology, University of Geneva) - Mologni, Carlo (Université Côte d'Azur, IRD, CNRS, Laboratoire Geoazur - UMR7329) - Cauliez, Jessie (Université Toulouse Jean Jaurès, CNRS, Traces - UMR5608)

- 12:00 **BIOARCHAEOLOGICAL RESEARCH OF THE IRON AGE POPULATIONS OF THE CARPATHIAN BASIN - PAST, PRESENT, AND FUTURE**  
Gyenesei, Katalin (Eötvös Loránd University, Doctoral School of Biology; Hungarian National Museum, National Institute of Archaeology) - Szeniczey, Tamás (Eötvös Loránd University, Department of Anthropology) - Czifra, Szabolcs (Hungarian National Museum, National Institute of Archaeology) - Hrabák, Zita (Hungarian National Museum, National Institute of Archaeology; University of Szeged, Doctoral School of History) - Gémes, Anett (Eötvös Loránd University, Doctoral School of Biology) - Hajdu, Tamás (Eötvös Loránd University, Department of Anthropology)

12:15 DISCUSSION SLOT

12:30 DISCUSSION SLOT

#### 74 **ESTABLISHING A SOCIO-POLITICAL BIOARCHAEOLOGY IN HISTORICAL TIMES: IMPACTS OF STATUS-QUO TRANSITIONS ON LIFEWAYS AND DEATHWAYS IN THE MEDITERRANEAN SOUTHERN EUROPE**

**Room:** 21=CU003-FL4-Aula C

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Michael, Dimitra (Laboratory for Interdisciplinary Research in Archaeology L.I.R.A., Aristotle University of Thessaloniki) - Karligkioti, Anna (Science and Technology in Archaeology and Culture Research Centre, The Cyprus Institute) - Nikita, Efthymia (Science and Technology in Archaeology and Culture Research Centre, The Cyprus Institute) - Triantaphyllou, Sevi (Laboratory for Interdisciplinary Research in Archaeology - L.I.R.A., Aristotle University of Thessaloniki)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 **THE SICTRANSIT PROJECT 2016-2024. TRANSITIONS IN ECONOMY AND SOCIETY IN EARLY MEDIEVAL SICILY, FIFTH TO THIRTEENTH CENTURY; A BIOARCHAEOLOGICAL STUDY**

Carver, Martin (University of York) - Molinari, Alessandra (University of Rome Tor Vergata) - Fiorentino, Girolamo (University of Salento at Lecce)

14:30 **SEX, SURVIVAL, AND THE FALL OF THE ROMAN EMPIRE: GENDERED DIFFERENCES IN STRESS AND MORTALITY IN LATE ANTIQUE GAUL**

Quade, Leslie (Austrian Archaeological Institute)

14:45 **HELLENISTIC BIOARCHAEOLOGY: WHAT DO WE KNOW, WHAT QUESTIONS ARE STILL PENDING AND HOW DO WE ANSWER THEM?**

Nikita, Efthymia (The Cyprus Institute)

15:00 **INVESTIGATING THE IMPACT OF MULTIPLE AND CONSECUTIVE STATUS-QUO TRANSITIONS ON HUMAN LIFEWAYS IN ANCIENT AMPHIPOLIS**

Michael, Dimitra (Laboratory for Interdisciplinary Research in Archaeology - L.I.R.A., Aristotle University of Thessaloniki) - Snoeck, Christophe (Archaeology, Environmental Changes and Geo-Chemistry, Vrije Universiteit Brussel) - Tselekas, Panagiotis (Laboratory for Interdisciplinary Research in Archaeology - L.I.R.A., Aristotle University of Thessaloniki) - Sverkos, Ilias (Laboratory for Interdisciplinary Research in Archaeology - L.I.R.A., Aristotle University of Thessaloniki) - Malamidou, Dimitra (Ephorate of Antiquities of Serres) - Triantaphyllou, Sevi (Laboratory for Interdisciplinary Research in Archaeology - L.I.R.A., Aristotle University of Thessaloniki)

15:15 **SEX-RELATED DIFFERENCES AND SOCIAL STRATIFICATION IN HELLENISTIC/EARLY ROMAN MENAINON, SICILY**

Caruso, Antonio - Nikita, Efthymia (The Cyprus Institute)

15:30 **INVESTIGATING THE IMPACT OF SOCIOCULTURAL TRANSFORMATIONS ON HEALTH QUALITY IN A BIG CITY. THE POPULATION OF THEBES DURING CLASSICAL ANTIQUITY.**

Karligkioti, Anna (The Cyprus Institute; American School of Classical Studies at Athens) - Aravantinos, Vasilios (Ephorate of Antiquities of Boeotia, Hellenic Ministry of Culture and Sports) - Charami, Alexandra (Ephorate of Antiquities of Boeotia, Hellenic Ministry of Culture and Sports) - Nikita, Efthymia (The Cyprus Institute)

15:45 DISCUSSION SLOT

- 16:30 **EMBODIED DIFFERENCES IN ADULTHOOD STRESS AND MORTALITY BY SEX AND HISTORIC PERIOD (ROMAN IMPERIAL AND BYZANTINE PERIODS) AT OYMAA AÇ-NERIK, TURKIYE**  
Marklein, Kathryn (Department of Anthropology, Centre for Archaeology and Cultural Heritage, University of Louisville) - Deurell, Sara (Department of Anthropology, University of Louisville; Hmb Professional Engineers - Archaeology Division)
- 16:45 **THE TRANSITION FROM MUSLIM WORLD TO PORTUGUESE KINGDOM IN SOUTHERN PORTUGAL (11TH-13TH CENT)**  
Maurer, Anne-France (Hercules Laboratory and In2Past, Universidade de Évora) - Macrobets, Rebecca (Hercules Laboratory and In2Past, Universidade de Évora) - Lopez-Aceves, Judith (School of Archaeology and Ancient History, University of Leicester) - Ortega-Gonzalez, Alvaro (School of Archaeology and Ancient History, University of Leicester) - Valente, Maria Joao (Universidade do Algarve / CEAACP) - Fernandes, Teresa (Research Centre for Anthropology and Health - CIAS, University of Coimbra; Universidade de Évora) - Teixeira, Joao (Australian Centre for Ancient DNA, University of Adelaide; Centre for Interdisciplinary Studies - CEIS20, University of Coimbra; Evolution of Cultural Diversity Initiative, the Australian National University) - Schöne, Bernd R. (Institute of Geosciences, University of Mainz) - Oliveira, Luis Filipe (Universidade do Algarve / I.E.M-FCSH-Nova) - Tete Garcia, Cristina (Comissão de Coordenação e Desenvolvimento Regional Do Algarve, CEAACP / Universidade Do Algarve)
- 17:00 **DISCUSSION SLOT**

### 93 **POST-EARTHQUAKE SCENARIOS IN THE CLASSICAL AND MEDIEVAL PERIODS. ARCHAEOSEISMOLOGY AS A TOOL FOR INVESTIGATION ON AN URBAN AND ARCHITECTURAL SCALE**

- Room:** 48=CU006-FLG-Aula C  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Arrighetti, Andrea (École normale supérieure - Université PSL of Paris; Università degli Studi di Siena) - Pecchioli, Laura (Humboldt Universität of Berlin; Technische Universität Wien; Università degli Studi Roma Tre) - Thomalsky, Judith (German Archaeological Institute, Berlin) - Sousa, Ana Catarina (Centro de Arqueologia da Universidade de Lisboa)

#### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **PROTECT: AN ARCHAEOSEISMOLOGY PROJECT FOR THE STUDY OF THE HISTORIC CITY CENTRE OF SIENA**  
Arrighetti, Andrea (École Normale Supérieure - Université PSL; Università degli Studi di Siena)
- 14:30 **THE BATHS OF VILLA DEI QUINTILI: ARCHAEOSEISMOLOGY AND WALL STRATIGRAPHY**  
De Pari, Marta (Università di Bari Aldo Moro; Università di Roma la Sapienza)
- 14:45 **SOME REFLECTIONS REGARDING BUILDING ARCHAEOSEISMOLOGY IN CHALLENGING CONTEXTS. THE VENETIAN EXPERIENCE.**  
Ganz, Margherita (DastU-Politecnico of Milan)
- 15:00 **DISCUSSION SLOT**
- 15:15 **URBAN FORM AS A SEISMIC RESPONSE**  
Pecchioli, Laura (Humboldt University/Tuvienna/Roma Tre University)
- 15:30 **THE 1292 EARTHQUAKE AND ITS LONG-TERM CONSEQUENCES IN URBAN LANDSCAPES OF SOUTH-WESTERN CRIMEA**  
Dmytro, Moisieiev (CO «Crimean Institute of Strategic Studies»)
- 15:45 **DISCUSSION SLOT**

- 16:30 **BETWEEN RUINS: ASSESSING THE IMPACT OF 3RD MILLENNIUM BCE PALEOSEISMIC EVENTS ON THE WALLED ENCLOSURES OF OTA AND ZAMBUJAL (PORTUGAL)**  
Sousa, Ana Catarina (School of Arts, University of Lisbon; UN-IARQ, Centre for Archaeology University of Lisbon) - Duarte, João (UNIARQ, Centre for Archaeology University of Lisbon; Faculty of Sciences, University of Lisbon) - Texugo, André (UNIARQ, Centre for Archaeology University of Lisbon; CEG, Centro de Estudos Geográficos) - Basílio, Ana Catarina (ICArEHB, Universidade do Algarve) - Kunst, Michael (German Archaeologica Institut Madrid, retired; University of Frankfurt)
- 16:45 **NEW EVIDENCE FOR TSUNAMIS AND VOLCANIC ASHES OF THE BRONZE AGE THERA ERUPTION FROM ÇEŞME - BAĞLARARASI IN WESTERN TÜRKIYE**  
Sahoglu, Vasif (Ankara University) - Goodman Tchernov, Beverly (University of Haifa)
- 17:00 DISCUSSION SLOT
- 17:15 DISCUSSION SLOT

#### 104 ZOOCHANGES: ANIMALS AS PROXIES DURING PERIODS OF TRANSITION AND CHANGE

**Room:** 80=CU002-FL3-Aula 302  
**Time:** 8:30 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Almeida, Nelson (Department of History, University of Évora; UNIARQ, Centre for Archaeology, University of Lisbon) - Valenzuela-Lamas, Silvia (Archaeology of Social Dynamics - ASD, Institutió Milà i Fontanals de Recerca En Humanitats, Consejo Superior de Investigaciones Científicas IMF-CSIC) - Evin, Allowen (Institute of Evolutionary Science-Montpellier ISEM, University of Montpellier, CNRS, EPHE, IRD) - Wright, Elizabeth (BioArCh, Department of Archaeology, University of York) - Detry, Cleia (UNIARQ, Centre for Archaeology, University of Lisbon; School of Arts and Humanities of the University of Lisbon)

#### ABSTRACTS

- 8:30 INTRODUCTION

- 8:45 **PROXIES OF COASTAL ADAPTION: BIRD AND SEAL EXPLOITATION AT KLASIES RIVER, SOUTH AFRICA DURING THE MIDDLE TO LATER STONE AGE.**  
Richardson, Leesha (Department of Archaeology, University of Cape Town) - Sealy, Judith (Department of Archaeology, University of Cape Town) - Wurz, Sarah (School of Geography, Archaeology & Environmental Studies, University of Witwatersrand; SFF Centre for Early Sapiens Behaviour - Sapience, University of Bergen)
- 9:00 **EARLY MIDDLE PALAEOLITHIC AVIAN REMAINS FROM MISLIYA CAVE, MOUNT CARMEL, ISRAEL: HABITAT AND BUTCHERY PATTERNS.**  
Amos, Linda - Yeshurun, Reuven - Weinstein-Evron, Mina (Zinman Institute of Archaeology, University of Haifa)
- 9:15 **THE UPPER PLEISTOCENE FAUNAS OF FOZ DO ENXARRIQUE SITE (VILA VELHA DE RÓDÃO): TAPHONOMIC AND PALEOENVIRONMENTAL ISSUES**  
Antunes, Vanessa (Centro Português de Geo-História e Pré-História CPGP; Centro de GeoCiências da Universidade de Coimbra) - Figueiredo, Silvério (Instituto Politécnico de Tomar; Centro Português de Geo-História e Pré-História CPGP; Centro de GeoCiências da Universidade de Coimbra) - Raposo, Luís (Museu Nacional de Arqueologia; Associação Dos Arqueólogos Portugueses)
- 9:30 **HUMAN SUBSISTENCE DYNAMICS BEFORE, DURING AND AFTER THE 8.2 KA CAL BP EVENT AT EL MAZO ROCK SHELTER (N SPAIN)**  
Arenas Sorriqueta, Elene - Marín-Arroyo, Ana B. - Gutiérrez-Zugasti, Igor - Cuenca-Solana, David - Universidad de Cantabria) - Yang, Fei (University of Tübingen) - O'Connell, Tamsin (University of Cambridge)
- 9:45 **ANIMALS AS WITNESSES OF MAJOR CULTURAL AND ENVIRONMENTAL CHANGES: 8 MILLENNIA OF SIZES AND ABUNDANCE VARIATIONS IN SOUTHERN FRANCE**  
Mureau, Cyprien (CNRS, UMR 5554 ISEM, Montpellier) - Forest, Vianney (Inrap Midi-Méditerranée, Nîmes) - Evin, Allowen (CNRS, UMR 5554 ISEM, Montpellier)
- 10:00 **FROM FARM FRENZY TO PIGGY PARADISE: RE-EVALUATING LBK ANIMAL MANAGEMENT STRATEGIES CONSIDERING A LARGE AGGLOMERATION SITE FROM SOUTHWESTERN SLOVAKIA(5500-4500 BCE).**  
Brandt, Henriette - Furholt, Martin - Makarewicz, Cheryl (Institut für Ur- und Frühgeschichte Christian-Albrechts-Universität Zu Kiel)
- 10:15 DISCUSSION SLOT
- 11:00 **PALEOGENOMIC STEP STONES TO SHED LIGHT ON CATTLE DOMESTICATION**  
Grange, Thierry - Geigl, Eva-Maria (Institut Jacques Monod)

- 11:15 **PUSHING THE BOUNDARIES. NEW DISCOVERIES FROM SUDAN REOPEN THE DISCUSSION ABOUT THE LOCAL DOMESTICATION OF CATTLE IN AFRICA**  
Osypinski, Piotr (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Osypinska, Marta (Institute of Archaeology, University of Wrocław)
- 11:30 **„IF IT AIN'T BROKE, DON'T FIX IT“: ANIMAL HUSBANDRY AT THE NEOLITHIC AND COPPER AGE SETTLEMENTS IN EASTERN CROATIA**  
Tomic, Goran (University of Zagreb Faculty of Humanities and Social Sciences)
- 11:45 **SOCIO-ECONOMIC TRANSITIONS IN NORTHEASTERN IBERIA: A DIACHRONIC APPROACH THROUGH CHANGES IN EQUID DIET AND MORPHOLOGY FROM LATE NEOLITHIC TO ROMANIZATION**  
Hanot, Pauline (Institut des Sciences de L'Evolution de Montpellier, UMR 5554) - Grandal d'Anglade, Aurora (Grupo Interdisciplinar de Patrimonio Cultural y Geológico, Instituto Universitario de Xeoloxía, Universidade da Coruña) - Huet, Thomas (University of Oxford, School of Archaeology) - Iborra Eres, M<sup>a</sup> Pilar (IVCR+ i. Institut Valencià de Conservació, Restauració i Investigació) - Aguilera, Isidro (Museo de Zaragoza; Grupo Primeros Pobladores y Patrimonio Arqueológico del Valle del Ebro, Universidad de Zaragoza) - Seguí, Sofia - Picazo, Jesús V. (Grupo Primeros Pobladores y Patrimonio Arqueológico del Valle del Ebro, Universidad de Zaragoza) - Moya, Andreu (Iltirta Arqueologia S.L) - Nieto-Espinet, Ariadna (Grup d'Investigació Prehistòrica GIP, Departament de Geografia, Història i Història de L'Art, 2021-SGR-01607- ARQHISTEC, Universitat de Lleida)
- 12:00 **CATTLE HUSBANDRY AND THE ARRIVAL OF CORDED WARE IN CENTRAL AND NORTHERN EUROPE: A BIOARCHAEOLOGICAL STUDY OF A MAJOR TRANSITION**  
Wright, Lizzie (University of York)
- 12:15 **ZOOARCHAEOLOGY IN PORTUGAL: DIACHRONIC PERSPECTIVE FROM THE MESOLITHIC TO THE ROMAN PERIOD: METHODS, PRACTICES AND DATA, FROM SADO TO TAGUS**  
Lima, Rafael (UNIARQ - Centro de Arqueologia da Universidade de Lisboa; FLUL - Faculdade de Letras da Universidade de Lisboa; MNA - Museu Nacional de Arqueologia; FCT - Fundação Para a Ciência e a Tecnologia) - Santos, Ana - Rodrigues, Miguel (UNIARQ - Centro de Arqueologia da Universidade de Lisboa; FLUL - Faculdade de Letras da Universidade de Lisboa; FCT - Fundação Para a Ciência e a Tecnologia) - Delicado, Cátia (UNIARQ - Centro de Arqueologia da Universidade de Lisboa; FLUL - Faculdade de Letras da Universidade de Lisboa; CIAS - Centro de Investigação Em Antropologia e Saúde; FLUC -

Faculdade de Letras da Universidade de Coimbra; FCT - Fundação Para a Ciência e a Tecnologia)

- 12:30 **TRACING THE ECOLOGICAL IMPACT OF HUMAN EXPLOITATION AND ENVIRONMENTAL CHANGES IN BALTIC SEA HARP AND GREY SEALS**  
Glykou, Aikaterini - Lidén, Kerstin (Archaeological Research Laboratory, Stockholm University)
- 12:45 **DISCUSSION SLOT**
- 14:00 **BEHIND THE COPPER - GEOMETRIC MORPHOMETRIC ANALYSIS OF COPPER AGE CATTLE STOCKS FROM THE CARPATHIAN BASIN**  
Csippán, Péter (Eötvös Loránd University; MTA-ELTE Lendület „Momentum“ Innovation Research Group) - Erdős, Olívia (Museum of the Hanság; MTA-ELTE Lendület „Momentum“ Innovation Research Group) - Siklósi, Zsuzsanna (Eötvös Loránd University; MTA-ELTE Lendület „Momentum“ Innovation Research Group)
- 14:15 **GENOMIC REFUGIUM OF PRE-DOMESTICATION HORSE LINEAGES IN THE BRONZE AGE CARPATHIAN BASIN**  
Gerber, Dániel (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities; MTA-BTK Lendület „Momentum“ Bases Research Group) - Herpai, Kornél (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Borbély, Noémi (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Major, István (Hun-Ren Atomki) - Szabó, Géza (Wosinsky Mór Museum) - Bozi, Róbert (Bozi Ars Med. Vet. Clinic) - Kiss, Viktória (Institute of Archaeology, Hun-Ren Research Centre for the Humanities; MTA-BTK Lendület „Momentum“ Bases Research Group) - Kulcsár, Gabriella - Mende, Balázs (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities)
- 14:30 **AT THE DAWN OF CHANGE: ANIMAL HUSBANDRY IN THE CENTRAL EUROPEAN LA TÈNE CULTURE THROUGH ARCHAEOZOOLOGICAL AND ARCHAEOGENETIC ANALYSES**  
Saliari, Konstantina (Naturhistorisches Museum Wien) - Trebsche, Peter (University of Innsbruck)
- 14:45 **GENETIC AND ECOLOGICAL CHARACTERISATION OF THE EXTINCT HARTEBEE (ALCELAPHUS SP) POPULATION IN THE LEVANT**  
Wolkowski, Uri (Department of Evolutionary and Environmental Biology, University of Haifa; the Steinhardt Museum of Natural History, Tel Aviv University) - Kolska Horowitz, Liora (National Natural History Collections, the Hebrew University of Jerusalem) - Marom, Nimrod

- (School of Archaeology and Maritime Cultures, University of Haifa)  
- Meiri, Meirav (The Steinhardt Museum of Natural History, Tel Aviv University)
- 15:00 **BIOGEOGRAPHY OF LATE ANTIQUE MEDITERRANEAN SHIP RATS (*RATTUS RATTUS*) EXPLORED WITH 2D GEOMETRIC MORPHOMETRIC ANALYSIS**  
Harding, Sierra - Cvikel, Deborah - Marom, Nimrod (University of Haifa)
- 15:15 **USING FAUNAL REMAINS TO ASSESS THE IMPACT OF SCANDINAVIAN RAIDS AND SETTLERS ON ANGLO-SAXON JARROW**  
Leake, Megan (Newcastle University)
- 15:30 DISCUSSION SLOT
- 16:30 **RECONSTRUCTING THE RURAL LANDSCAPE OF SALENTO DURING THE MIDDLE AGES: THE CONTRIBUTION OF ANIMAL REMAINS ANALYSIS**  
Abatino, Claudia (University of Salento)
- 16:45 **URBANIZED ELITES AND THE PASTORALIST LANDSCAPES OF THE MONGOLIAN STEPPE: ZOOARCHAEOLOGICAL AND ISOTOPIC PERSPECTIVES FROM THE MEDIEVAL UYGHUR CAPITAL KARABALGASUN**  
Kohlhage, Lea - Makarewicz, Cheryl (Institute for Prehistoric and Protohistoric Archaeology, University of Kiel)
- 17:00 **CHANGING ANIMAL HUSBANDRY STRATEGIES AND SOCIOPOLITICAL TRANSFORMATION IN MEDIEVAL NORTHWESTERN TUSCANY**  
Zaneri, Taylor (International Institute of Social History)
- 17:15 **BARDHA'A: STABLE ISOTOPES AND THE CHANGING ANIMAL HUSBANDRY PRACTICES OF A MEDIEVAL CITY**  
Garner, Daniel (Department of Anthropology, University of Michigan; Museum of Anthropological Archaeology, University of Michigan)  
- Haruda, Ashleigh (School of Archaeology, University of Oxford) - Larson, Kara (Department of Anthropology, University of Michigan; Museum of Anthropological Archaeology, University of Michigan)  
- Cooper, Zaria (Department of Anthropology, University of Michigan) - Wordsworth, Paul (Institute of Archaeology, University College London) - Ventresca-Miller, Alicia (Department of Anthropology, University of Michigan; Museum of Anthropological Archaeology, University of Michigan; Department of Archaeology, Max Planck Institute for Geoanthropology)

- 17:30 **CHANGING CATTLE HUSBANDRY IN LATE MEDIEVAL AND MODERN FLANDERS (BELGIUM): EVIDENCE FROM MORPHOMETRICS AND ISOTOPE ANALYSES**  
Gruwier, Ben - James, Hannah - Griffith, Jacob - Loeffelmann, Tessi (Archaeology, Environmental Changes and Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Lambert, Bart (Historical Research Into Urban Transformation Processes Research Group, Vrije Universiteit Brussel) - Lambrecht, Thijs (Department of History, Universiteit Gent) - Snoeck, Christophe (Archaeology, Environmental Changes and Geo-Chemistry Research Group, Vrije Universiteit Brussel)
- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

### 105 **HOW WERE MEDIEVAL TOWNS IN EUROPE FORMED? URBAN SETTLEMENTS BETWEEN THE EARLY AND THE HIGH MIDDLE AGES**

- Room:** 45=CU013-FL1-Conversi  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Vassena, Mauro (Catholic University of the Sacred Heart - Milan) - Lefebvre, Bastien (University of Toulouse Jean Jaurès)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 FROM EMPORIUM TO CIVITAS IN SOUTHERN SCANDINAVIA  
Søvsø, Morten (Museum West)
- 9:00 FROM THE STRONGHOLD TO THE TOWN. EARLY URBANIZATION IN MEDIEVAL CENTRAL EUROPE  
Stefan, Ivo (Department of Archaeology, Charles University Prague)
- 9:15 DISCUSSION SLOT
- 9:30 HIGHLIGHTING LONG TERM TRANSFORMATIONS IN MEDIEVAL SMALL TOWNS: REFLECTIONS ON SEVERAL EXAMPLES FROM BAS-ROUERGUE (FRANCE)  
Chabanne, Eric (Université Toulouse - Jean Jaurès)
- 9:45 NEW MONASTIC TOWNS AROUND THE AUDE RIVER IN THE MIDDLE AGES (8TH-12TH CENTURIES)  
Foltran, Julien (Université de Toulouse, Traces-UMR 5608)

- 10:00 REVISITING THE (RE)CONQUEST OF SIGÜENZA: CHALLENGING MEDIEVALIST NARRATIVES THROUGH ARCHAEOLOGICAL AND HISTORICAL INQUIRY  
García-Contreras, Guillermo - Mattei, Luca - Hernández-Casas, Yaiza - García García, Marcos (Universidad de Granada) - Banerjea, Rowena - Pluskowski, Aleks (University of Reading)
- 10:15 DISCUSSION SLOT
- 11:00 BITONTO (BARI): REBIRTH OF A CITY. FROM REPOPULATION DURING THE SECOND BYZANTINE DOMINATION TO THE NORMAN APEX (9TH-12TH CENTURIES).  
Marinelli, Federico (Università degli Studi di Roma - la Sapienza)
- 11:15 THE URBAN ORGANIZATION OF BERGAMO DURING THE MIDDLE AGES: APPROACH OF STRATIGRAPHIC ANALYSIS OF URBAN BUILDINGS.  
Matteoni, Federica (Università Cattolica di Milano)
- 11:30 MILAN BETWEEN THE 9TH AND THE 13TH CENTURY CE. THE FORMATION OF A MEDIEVAL TOWN  
Vassena, Mauro (Università Cattolica del Sacro Cuore - Milano)
- 11:45 THE ADOPTION OF THE STREET FAÇADE IN MEDIEVAL HOUSES (11TH-13TH C)  
Lefebvre, Bastien (University of Toulouse)
- 12:00 DISCUSSION SLOT

## 120 DIVIDE AND CONQUER? ADVANCING MULTISCALE THEORETICAL FRAMEWORKS FOR ARCHAEOLOGICAL CERAMICS IN NORTHWESTERN EUROPE

**Room:** 60=CU022-EXT-Serra  
**Time:** 11:00 - 13:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Hudak, Eniko (Newcastle University; Pre-Construct Archaeology Ltd) - Willems, Sonja (Art and History Museum, Brussels; Catholic University Louvain) - Sutton, Adam (Aurelius Archaeology) - Hawkins, Kayt (Archaeology South-East, Institute of Archaeology, University College London) - Vincent, Vaiana (Inrap)

### ABSTRACTS

- 11:00 INTRODUCTION

- 11:15 LATE ROMAN GERMANIC POTTERY IN NORTHWEST EUROPE: FROM ETHNIC MARKER TO A COMPLEX MOBILITY NETWORK  
Van Thienen, Vince (Ghent University, Department of Archaeology)
- 11:30 A ROAD LESS TRAVELLED? CERAMICS, SOCIALITY, AND THEORY IN ROMANO-BRITISH ARCHAEOLOGY AS CONSIDERED THROUGH THE WORK OF DAVID PEACOCK  
Sutton, Adam (Aurelius Archaeology)
- 11:45 DISCUSSION SLOT
- 12:00 THE RATIONAL ROMANS OF BRITAIN: THE INTERSECTION OF NEOCLASSICAL ECONOMIC THEORY AND BRITISH IMPERIAL DISCOURSE  
Hudak, Eniko (Newcastle University)
- 12:15 OF GAPS AND GEARS : ANALYZING DIVERGENCES IN METHODOLOGIES OF POTTERY STUDIES IN FRENCH PREVENTIVE ARCHAEOLOGY  
Vincent, Vaiana (INRAP) - Willems, Sonja (Art and History Museum, Brussels)
- 12:30 TIMES OF CHANGE FOR POTTERY TRADITIONS IN THE NORTHWEST OF THE IBERIAN PENINSULA. AN APPROACH TO ITS STUDY AND INTERPRETATION  
Hernández-Tórtolas, Alicia (Institute of History - Spanish National Research Council IH-CSIC)
- 12:45 DISCUSSION SLOT

## 122 INDICATORS OF NONPRIVILEGED POPULATIONS FROM FUNERARY CONTEXTS: MULTIDISCIPLINARY APPROACHES TO ASSESSING DISPARITIES IN PAST POPULATIONS

**Room:** 25=CU002-FL1-Aula V  
**Time:** 8:30 - 13:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Gelabert, Pere (University of Vienna) - Marinato, Maurizio (Università degli Studi di Padova) - Zagorc, Brina (University of Vienna) - Novak, Mario (The Institute for Anthropological Research)

### ABSTRACTS

- 8:30 INTRODUCTION

- 8:45 **SOCIOCULTURAL INEQUALITY AT THE LANGOBARD-AGE (6TH-7TH CENTURIES AD) SITE OF CORTE ROMANA (NE ITALY) REVEALED THROUGH STABLE ISOTOPE ANALYSIS**  
Martinoia, Valentina (Department of Archaeology, Simon Fraser University) - Saccheri, Paola (Department of Medicine, University of Udine) - Borzacconi, Angela (National Archaeological Museum of Cividale) - Travan, Luciana (Department of Medicine, University of Udine) - Richards, Michael (Department of Archaeology, Simon Fraser University)
- 9:00 **BETWEEN CONTRASTS AND ANALOGIES: ARCHAEOLOGICAL AND ANTHROPOLOGICAL DATA WITHIN THE AVARICUM NECROPOLISES FROM 3RD TO 5TH CENTURY (BOURGES, FRANCE)**  
Durand, Raphaël (Service d'Archéologie Préventive Bourges Plus)
- 9:15 **STRESS-MARKERS IN CHILDREN OF THE SCYTHIAN AND LATE SCYTHIAN CULTURE**  
Kotova, Nadiia - Kozak, Oleksandra (Institute of Archaeology of Ukrainian National Academy of Sciences)
- 9:30 **INDICATORS OF NONPRIVILEGED POPULATION FROM THE FUNERARY CONTEXT OF THE HIGH ROMAN RURAL SETTLEMENT IN CUTICCHI (ASSORO - ENNA)**  
Nicoletti, Rossella - Pennisi, Ghiselda (ANA) - Draïà, Eleonora (Università Telematica Internazionale Uninettuno, Roma) - Manenti, Marco - Palazzolo, Grazia (ANA) - Frittitta, Riccardo (Sezione di Scienze Preistoriche e Antropologiche Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Galassi, Francesco (Department of Anthropology, Faculty of Biology and Environmental Protection, University of Lodz) - Varotto, Elena (Archaeology, College of Humanities, Arts and Social Sciences, Flinders University)
- 9:45 **'NON-PRIVILEGED' INDIVIDUALS FROM OSIJEK (COLONIA AELIA MURSA): BIOARCHAEOLOGY OF A ROMAN PERIOD MASS BURIAL**  
Novak, Mario (Institute for Anthropological Research) - Filipović, Slavica (Archaeological Museum Osijek) - Carić, Mario (Institute for Anthropological Research)
- 10:00 **BIOARCHAEOLOGICAL ANALYSIS OF THE HEALTH STATUS AND LIFESTYLE OF A LATE-ANTIQUITY HUMAN SAMPLE FROM THE NECROPOLIS OF PIAZZA CORRUBBIO (VERONA).**  
Bigo, Lorenzo - Cottica, Daniela (Università Ca' Foscari) - Iacumin, Paola (Università di Parma) - Giacometti, Valentina (Università degli Studi della Campania L. Vanvitelli) - Boaretto, Elisabetta (D-Reams Weizmann Institute of Science) - Bertoldi, Francesca (Università Ca' Foscari)

- 10:15 **DISCUSSION SLOT**
- 11:00 **THE POOR AND THE DEAD: A NEW INSIGHT INTO THE MIGRATION PERIOD CEMETERY IN DRAVLJE (LJUBLJANA, SLOVENIA)**  
Karo, Špela (Zavod Za Varstvo Kulturne Dediščine Slovenije) - Županek, Bernarda (Museum and Galleries of Ljubljana) - Leskovar, Tamara (Department of Archaeology, University of Ljubljana) - Koncz, István (Institute of Archaeological Sciences, Eötvös Loránd University) - Vyas, Deven - Veeramah, Krishna - Tian, Yijie (Department of Ecology and Evolution, Stony Brook University)
- 11:15 **UNEARTHING SOCIAL DYNAMICS IN LATE ROMAN LIGURIA: INSIGHTS FROM THE WESTERN NECROPOLIS OF ALBINTILIVM**  
Defant, Sarah (Freie Universität Berlin) - Carabia, Alessandro (University of Birmingham) - Sołtysiak, Arkadiusz (University of Warsaw)
- 11:30 **BIOARCHAEOLOGICAL PERSPECTIVES ON LATE ANTIQUITY IN DALMATIA: PALEOGENETIC, DIETARY, AND POPULATION STUDIES OF THE HVAR RADOŠEVI BURIAL SITE**  
Zagorc, Brina (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Blanz, Magdalena (Human Evolution and Archaeological Sciences - HEAS, University of Vienna; Vienna Institute of Archaeological Sciences - VIAS, University of Vienna) - Gelabert, Pere (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Sawyer, Susanna (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Carić, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research) - Visković, Eduard (Kantharos, D.O.O) - Ivanova-Bieg, Maria (Vor- und Frühgeschichtliche Archäologie, Johannes Gutenberg-Universität Mainz) - Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research) - Reich, David (Department of Genetics, Harvard Medical School; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of MIT and Harvard) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna)
- 11:45 **DOUBLY MARGINALISED? UNFREE, PARAHUMAN AND SOCIALLY DEAD 'BODY OBJECT' CHILDREN IN LATE IRON AGE SCANDINAVIA**  
Marshall, Brad (University of Leicester; Body-Politics Project - ERC Funded)

12:00 UNLOCKING THE POTENTIAL OF BIOARCHEOLOGICAL ANALYSIS TO UNDERSTAND SOCIO-ECONOMIC STATUS DURING THE EARLY MIDDLE AGES IN NORTHERN ITALY  
Marinato, Maurizio - Chavarria Arnau, Alexandra (Dipartimento dei Beni Culturali Università degli Studi di Padova)

12:15 DISCUSSION SLOT

12:30 DISCUSSION SLOT

12:45 DISCUSSION SLOT

### 135 ALL IN ONE BREATH: (BIO)ARCHAEOLOGICAL APPROACHES TO RESPIRATORY DISEASES

**Room:** 37=CU005-FL2-Ponzi I

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Casna, Maia (Leiden University) - Davies-Barrett, Anna (University of Leicester) - Magalhães, Bruno (University of Coimbra)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 A SLOW DEATH: INVESTIGATING ENVIRONMENTAL POLLUTANT EXPOSURE AND ITS INFLUENCE ON HEALTH IN ROMANO-BRITISH TO POST-MEDIEVAL ENGLISH POPULATIONS.

Falco, Paige - Lewis, Mary (University of Reading)

14:30 REEVALUATING MAXILLARY SINUSITIS DIAGNOSIS IN PALEOPATHOLOGY: INSIGHTS FROM SKELETONIZED INDIVIDUALS AND CLINICAL STUDIES

Magalhaes, Bruno M. (Department of Life Sciences, University of Coimbra; CIAS – Research Centre for Anthropology and Health, University of Coimbra) - Mays, Simon (Historic England; Department of Archaeology, University of Southampton; School of History, Classics & Archaeology, University of Edinburgh) - Santos, Ana (Department of Life Sciences, University of Coimbra; CIAS – Research Centre for Anthropology and Health, University of Coimbra)

14:45 INVESTIGATING SINUSITIS PREVALENCE AMONG SEXES IN THREE SOCIOECONOMIC GROUPS IN THE POST-MEDIEVAL NETHERLANDS: A SEX-STRATIFIED ANALYSIS

Casna, Maia - Schrader, Sarah (Leiden University)

15:00 AN INVESTIGATION OF THE PREVALENCE OF RIB LESIONS IN SCOTLAND AND IRELAND THROUGH THE MEDIEVAL CLIMATE TRANSITION.

Roshem, Irmine (University of Aberdeen) - Dittmar, Jenna (Edward Via College of Osteopathic Medicine; University of Aberdeen) - Carlsson, Stine (Queen's University Belfast) - Crozier, Rebecca (University of Aberdeen) - Oxenham, Marc (University of Aberdeen; Australian National University) - Murphy, Eileen (Queen's University Belfast)

15:15 TUBERCULOSIS IN THE PAST – FROM SKELETAL DATA TO PALEOEPIDEMIOLOGICAL ANALYSIS

Pedersen, Dorthe (ADBOU - Unit of Anthropology, Department of Forensic Medicine, University of Southern Denmark)

15:30 A GLIMPSE INTO THE SPATIO-TEMPORAL DISTRIBUTION OF TUBERCULOSIS IN THE 1ST-5TH-CENTURY-CE CARPATHIAN BASIN – HOW DIAGNOSTICS DEVELOPMENT CAN EXPAND KNOWLEDGE

Spekker, Olga (Ancient and Modern Human Genomics Competence Centre, University of Szeged; Department of Biological Anthropology, University of Szeged; Institute of Archaeological Sciences, Eötvös Loránd University) - Kis, Luca (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research) - Madai, Ágota (Department of Biological Anthropology, University of Szeged; Department of Anthropology, Hungarian Natural History Museum) - de Andrés, Marcos (Department of Biological Anthropology, University of Szeged) - Szalontai, Csaba (National Institute of Archaeology, Hungarian National Museum) - Lukács, Nikoletta (National Institute of Archaeology, Hungarian National Museum) - Patyi, Eszter (Kecskeméti Katona József Museum) - Varga, Sándor (Department of Archaeology, University of Szeged; Department of Archaeology, Móra Ferenc Museum) - Kiss P., Attila (Department of Early Hungarian and Migration Period Archaeology, Pázmány Péter Catholic University) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research)

15:45 DISCUSSION SLOT

16:30 METAL DETECTING: BIOMOLECULAR INVESTIGATIONS OF TRANSYLVANIAN CHILDREN WITH S(CU)RVY

Filipek, Kori (University of Derby)



- 16:45 **BREATHING TIME: A LONGUE-DURÉE MULTIDISCIPLINARY STUDY OF RESPIRATORY ILLNESSES AND AIRBORNE DISEASES (RIAD) IN SWITZERLAND (16TH - 21ST CENTURY CE)**  
Hofstetter, Tobias (University Centre of Legal Medicine Lausanne-Geneva, Lausanne University Hospital and University of Lausanne, Geneva University Hospital and University of Geneva) - Fauvel, Aude (Institute of Humanities in Medicine - IHM, Lausanne University Hospital and University of Lausanne) - Grabherr, Silke (University Centre of Legal Medicine Lausanne-Geneva, Lausanne University Hospital and University of Lausanne, Geneva University Hospital and University of Geneva) - Moghaddam, Negahnaz (University Centre of Legal Medicine Lausanne-Geneva, Lausanne University Hospital and University of Lausanne, Geneva University Hospital and University of Geneva)
- 17:00 **EXPLORING THE HEALTH BURDEN OF SMOKING-RELATED RESPIRATORY DISEASE IN THE PAST**  
Davies-Barrett, Anna - Inskip, Sarah (University of Leicester)
- 17:15 DISCUSSION SLOT
- 17:30 DISCUSSION SLOT
- 17:45 DISCUSSION SLOT

## 151 THE BEASTS AMONG US: A CLOSER LOOK AT SYNANTHROPIC HUMAN-ANIMAL RELATIONS IN THE PAST

**Room:** 45=CU013-FL1-Conversi

**Time:** 14:00 - 18:30

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Hornkjøl, Ingeborg (University of Stavanger) - Baumann, Chris (University of Tübingen) - Orton, David (University of York) - Feider, Michelle (University of York)

### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 **THE PALEO-SYNTHROPIC NICHE: THE ADAPTATION OF SMALL CARNIVORES TO A HUMAN-MADE MICROENVIRONMENT DURING THE LATE PLEISTOCENE**  
Baumann, Chris (University of Tübingen)

- 14:30 **MOVING HOUSE(MOUSE): A LOOK AT MICROFAUNAL ASSEMBLAGES AND THE ANTHRODEPENDANT NICHE IN ANATOLIA.**  
Feider, Michelle (University of York) - Jenkins, Emma (Bournemouth University) - Clarkson, Paul (Bournemouth University) - Renaud, Sabrina (Université Lyon) - Papayiannis, Katerina (University of Athens) - Cucchi, Thomas (Muséum National d'Histoire Naturelle - CNRS)
- 14:45 DISCUSSION SLOT
- 15:00 **INSECT SYNANTHROPY AND PATHWAYS TO COSMOPOLITISATION**  
Panagiotakopulu, Eva (School of Geosciences, University of Edinburgh)
- 15:15 **BEE VS PEOPLE: RECONSTRUCTING ANCIENT BEEKEEPING THROUGH AN ANALYSIS OF APIARY SITES.**  
Francis, Jane (Concordia University)
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT
- 16:30 **REASSESSING THE DISPERSAL OF BLACK RATS THROUGH LATE IRON AGE AND MEDIEVAL NORTHERN EUROPE**  
Orton, David - Feider, Michelle - Presslee, Sam (University of York)
- 16:45 **THE BROWN RAT (RATTUS NORVEGICUS) IN BRITAIN**  
Albarella, Umberto (Dept of Archaeology, University of Sheffield)
- 17:00 DISCUSSION SLOT
- 17:15 **DIVINE SYNANTHROPES? THE CASE OF CATS IN EGYPT, AND HOW THEY CLAWED THEIR WAY TO THE TOP**  
Hornkjøl, Ingeborg (University of Stavanger)
- 17:30 **HUMAN-CAT INTERACTIONS AT DIFFERENT TIMES AND GEOGRAPHIES: MODELLING DIETS AND HYDROGEN ISOTOPE ANALYSIS OF CATS FROM TURKEY, JORDAN, AND BELGIUM**  
Shev, Gene (University of Rome Tor Vergata, Department of Biology) - de Cupere, Bea (Royal Belgian Institute of Natural Sciences) - Brozou, Anastasia (University of Rome Tor Vergata, Department of Biology) - Fuller, Benjamin (Géosciences Environnement Toulouse) - Mannino, Marcello (Aarhus University, Department of Archaeology and Heritage Studies) - Peters, Joris (Archaeobiocentre and Institute of Palaeoanatomy, Domestication Research, and the History of

Veterinary Medicine, Ludwig Maximilian University Munich; SNSB, State Collection of Palaeoanatomy Munich) - Bouillon, Steven (Department of Earth and Environmental Sciences, Soil and Water Management, University of Leuven) - Van Neer, Wim (Royal Belgian Institute of Natural Sciences) - Ottoni, Claudio (University of Rome Tor Vergata, Department of Biology)

17:45

**ANCIENT DNA AND THE DISPERSAL OF THE DOMESTIC CAT IN ITALY**

De Martino, Marco - Rovelli, Valentina (University of Rome Tor Vergata, Department of Biology) - de Cupere, Bea (Royal Belgian Institute of Natural Sciences) - Alhaique, Francesca (Museo Delle Civiltà, Rome) - Minniti, Claudia (Sapienza University of Rome) - Wierer, Ursula (Soprintendenza Archeologia Belle Arti e Paesaggio Per Firenze, Pistoia e Prato) - Wilkens, Barbara (Independent Researcher) - Peters, Joris (Archaeobiocentre and Institute of Palaeoanatomy, Domestication Research, and the History of Veterinary Medicine, Ludwig Maximilian University Munich; SNSB, State Collection of Palaeoanatomy Munich) - Van Neer, Wim (Royal Belgian Institute of Natural Sciences) - Ottoni, Claudio (University of Rome Tor Vergata, Department of Biology)

### 173 EARLY CAREERS ON THE ROMAN FRONTIERS? CONNECTING PEOPLE, EXPLORING INNOVATIVE METHODS, ADVANCING INTERDISCIPLINARITY

**Room:** 48=CU006-FLG-Aula C

**Time:** 8:30 - 13:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Alberti, Marta (Vindolanda Trust; Newcastle University) - Stevens, Saskia (Utrecht University) - Stemmerger Flegar, Kaja (PJP d.o.o) - Hingley, Richard (Durham University)

#### ABSTRACTS

8:30 **BREATHING NEW LIFE INTO ROMAN FRONTIERS STUDIES: 'CONSTRUCTING THE LIMES' AND THE ECR NETWORK**  
Stevens, Saskia (Utrecht University) - Alberti, Marta (Vindolanda)

8:45 **FIBULAE IN THE BORDERLANDS**  
Ruiter, Arjan (Vrije Universiteit Amsterdam; Constructing the Limes)

9:00 **GOOFY GRAVES: A CRITICAL LOOK AT THE DEVIANT BURIALS OF THE LOWER GERMANIC LIMES AREA**

Van Der Weij, Anna (Utrecht University)

9:15 **LATE REPUBLICAN/EARLY IMPERIAL FRONTIERS: THE CASE STUDY OF GORNJI TRG 30 IN LJUBLJANA (SLOVENIA)**

Jenko, Matjaž (Skupina STIK) - Mitrova, Danica (University of Ljubljana, Faculty of Arts, Department of Archaeology) - Draksler, Matej (Skupina STIK)

9:30 **DISCUSSION SLOT**

9:45 **FEEDING THE ROMAN ARMY IN BRITAIN (FRAB): ROMAN ARMY SUPPLY NETWORKS AT THE BRITISH FRONTIER**

Reynolds, Leah - Mion, Leia - Ma, Hongjiao (Cardiff University) - Guest, Peter (Vianova Archaeology) - Lamb, Angela (BGS) - Madgwick, Richard (Cardiff University)

10:00 **A MOUNTAIN OF MOLEHILLS? SURVEYING EPIACUM ROMAN FORT**

Breen, Frances (Bournemouth University; Epiacum Heritage CIO)

10:15 **DISCUSSION SLOT**

11:00 **AN ANALYSIS OF INSECTS AT ROMAN VINDOLANDA**

Wyse Jackson, Katie (University College Dublin)

11:15 **APPLYING 3D STRUCTURED LIGHT SCANNING TO ROMAN LEATHER INSOLES FROM VINDOLANDA TO VISUALISE FOOTPRINT IMPRESSIONS: RESULTS, BENEFITS, AND CHALLENGES**

Glanfield, Maria (The University of Western Ontario)

11:30 **CROSSING THE ISTHMUS: MODELLING OPPORTUNITIES FOR CONFLICT ON HADRIAN'S WALL**

Clark, Matthew (University of Exeter)

11:45 **MORPHOLOGICAL AND TOPOGRAPHICAL ANALYSIS OF THE VALLUM OF HADRIAN'S WALL USING LIDAR**

Bithell, Sam (Durham University)

12:00 **DISCUSSION SLOT**

12:15 **DISCUSSION SLOT**

- 188** **CULT PRACTICES IN THE ANCIENT MEDITERRANEAN: MOBILITY, CHANGES, AND PERSISTENCE**  
**Room:** 1=CU003-EXT-CISADU  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Session with keynote presentation and discussion  
**Organisers:** Angliker, Erica (British School at Athens) - Ustinova, Yulia (Ben Gurion University of the Negev)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 **CULT AT THE CROSSROADS: SELINUNTE AND A MULTISCALAR FRAMEWORK FOR APPROACHING CULTIC TRANSFER**  
 Ward, Andrew (Fairfield University) - Marconi, Clemente (Institute of Fine Arts - NYU; Università degli Studi di Milano Statale)
- 9:00 **MAGNESIA ON THE MAEANDER: THREE MODES OF CULT TRANSFER**  
 Ustinova, Yulia (Ben-Gurion University of the Negev)
- 9:15 **CULT CAVES IN ARCHAIC NORTHERN GREECE: A COLONIAL CULT-PRACTICE?**  
 Georgiadis, Fotis (Eps - Ephorate of Palaeoanthropology - Speleology, Hellenic Ministry of Culture)
- 9:30 **THE SPREAD OF DELIAN SANCTUARIES ACROSS THE MEDITERRANEAN**  
 Angliker, Erica (University of London, Institute of Classical Studies)
- 9:45 **APOLLO DELPHINIOS AND THE MOLPOI - FROM MILETOS TO OLBIA**  
 Andreev, Sofia (Ben-Gurion University of the Negev)
- 10:00 **KOUROTROPHIC DEITIES IN ARCHAIC CRETE: A BLACK FIGURE DEPICTION THE BIRTH OF ARTEMIS FOUND IN THE TEMPLE OF DEMETER, PHALASARNA**  
 Zervoudakis, Panagiotis (lap1109@la.uoc.gr) - Bendon, Michael (Independent Researcher) - Hadjidaki, Elpida (Director of the Phalasarna Excavations, Kisamos)
- 10:15 DISCUSSION SLOT
- 11:00 **GODS AND HEROES IN CLASSICAL FOUNDATIONS AND SYNOECISMS**  
 Montel, Sophie (Université de Franche-Comté, Institut des Sciences et Techniques de l'Antiquité) - Pollini, Airton (Université de Haute-Alsace, Mulhouse, UMR 7044 Archimède)

- 11:15 **RETRACING SACRED ELECTRICITY IN THE ANCIENT SARONIC GULF - OUTLINES OF OLYMPIAN AND HERO CULT TRANSMISSION (650-350 BCE)**  
 Delacruz, Michael (University of Oxford; Newcastle University; Blue Shield International)
- 11:30 **MACEDONIAN MATERNALISM? THE CULT OF THE MOTHER OF THE GODS IN THESSALY**  
 Fowler, Michael (East Tennessee State University)
- 11:45 **TAURIS, LACONIA, ATTICA: ARTEMISIAN NETWORKS IN THE ANCIENT MEDITERRANEAN.**  
 Valletta, Lucio Maria (None)
- 12:00 **TRAVELLING FOR HEALING VISIONS: PERFORMANCE, INSULARITY AND THE SPREAD OF ASKLEPIOS' CULT AND RITUAL IN THE 4TH CENTURY BCE**  
 Lafasciano, Luigi (The Diakron Institute; Università degli Studi di Salerno)
- 12:15 DISCUSSION SLOT
- 12:30 **DISCUSSANT: PROFESSOR FRANÇOIS DE POLIGNAC (EPHE, SECTION DES SCIENCES RELIGIEUSES)**
- 12:45 DISCUSSION SLOT

**207** **DIVIDED BY?FACTS?: RE-THINKING THE CHALLENGING RELATIONSHIP BETWEEN ANCIENT WRITTEN SOURCES AND THE ARCHAEOLOGICAL RECORD THROUGH TELLING CASE STUDIES**

- Room:** 4=CU003-BAS-Auletta  
**Time:** 14:00 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Saccoccio, Fabio (University of Nottingham, Department of Classics and Archaeology) - Collis, John (University of Sheffield, Department of Archaeology) - Karl, Raimund (University of Vienna, Institute for Prehistory and Historic Archaeology) - Ruiz Zapatero, Gonzalo (Universidad Complutense de Madrid, Departamento de Prehistoria, Historia Antigua y Arqueología)

**ABSTRACTS**

- 14:00 INTRODUCTION

- 14:15 A REAPPRAISAL OF THE WRITTEN SOURCES OF PYTHEAS' VOYAGE TO BRITAIN WHICH INCLUDED HIS STONEHENGE VISIT ABOUT 325 BC  
Meaden, Terence (Oxford University)
- 14:30 LUERNIOS, VERCINGETORIX AND THE ARVERNIAN EMPIRE  
Collis, John (University of Sheffield)
- 14:45 STRABO VS STRATIGRAPHY : COMPARING TEXTUAL AND ARCHAEOLOGICAL INFORMATION NEAR MARSEILLE AROUND THE 2ND CENTURY BCE  
Bernard, Loup (Université de Strasbourg; CNRS)
- 15:00 THE CELTIC CENOMANI BETWEEN ANCIENT WRITTEN SOURCES AND ARCHAEOLOGY: NORTHERN ITALY IN THE SECOND HALF OF THE 1ST MILLENNIUM BC  
Saccoccio, Fabio (University of Nottingham, Department of Classics and Archaeology)
- 15:15 EXPLORING CELTIC METROLOGY THROUGH ARCHAEOLOGICAL AND WRITTEN SOURCES  
Poigt, Thibaud (Ausonius - University Bordeaux Montaigne) - Parachaud, Kevin (University of Limoges)
- 15:30 THE MARCOMANNI AND QUADI ELITES IN THE NORTH FROM THE MIDDLE DANUBE DURING THE EARLY ROMAN PERIOD  
Droberjar, Eduard - Elschek, Kristian (Institute of Archaeology of the Slovak Academy of Sciences)
- 15:45 DISCUSSION SLOT
- 16:30 THE CASSITERIDES ISLANDS (1586 - PRESENT): ARCHAEOLOGY AS A MEANS TO CONFRONT A LONG-TERM HISTORIOGRAPHICAL DEBATE  
Herrera Delgado, José Ramón (Departamento de Prehistoria y Arqueología, Universidad de Sevilla; Centro de Estudos Globais, Universidade Aberta, Lisbon)
- 16:45 KHIRBAT ES-SAR: A PIECE OF PUZZLE IN THE HELLENISTIC HISTORY OF TRANSJORDAN  
Mlynarczyk, Jolanta (University of Warsaw)
- 17:00 UNVEILING THE HERITAGE OF KURTUVÉNAI MANOR IN LITHUANIA: INSIGHTS FROM ARCHAEOLOGICAL DISCOVERIES AND MANOR INVENTORIES  
Jonaskiene, Viktorija (Klaipeda University)
- 17:15 LOST IN TRANSLATION. CHINESE ACCOUNTS OF THE FOREIGNERS IN AN ARCHAEOLOGICAL CONTEXT  
Zuchowska, Marta (Faculty of Archaeology, University of Warsaw)
- 17:30 DISCUSSION SLOT

- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

## 210 BREAKING TRADITIONS: SUDDEN CHANGE AND ABANDONMENT IN ARCHAEOLOGICAL LANDSCAPES

- Room:** 50=CU006-FLG-Aula I  
**Time:** 16:30 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Session with keynote presentation and discussion  
**Organisers:** Ljung, Cecilia - Klevnäs, Alison (Uppsala University) - Hattori, Marcia (Institute of Heritage Sciences, CSIC) - Sallum, Marianne (Laboratório Interdisciplinar de Pesquisas Em Evolução, Cultura e Meio Ambiente Levoc, Mae-Universidade de São Paulo) - Lau-Ozawa, Koji (UCLA)

### ABSTRACTS

- 16:30 BOTTLENECKS OF CHANGE IN THE MEDIEVAL LANDSCAPE  
Brookes, Stuart (UCL Institute of Archaeology)
- 16:45 THE REPETITION OF FORMS. Rethinking Archaeological Abandonment and Social Change from Phenomenology and Cognitive Sciences  
Millan-Pascual, Rafael (CSIC - Spanish National Research Council, Institute of Heritage Sciences)
- 17:00 CULTURAL CHANGE AND CONTINUANCE - THE CASE OF THE PRZEWORSK AND WIELBARK CULTURES IN THE LUBLIN REGION, EASTERN POLAND  
Cyran, Marta (Doctoral School of Humanities and Art, Maria Curie-Skłodowska University; the National Museum in Lublin)
- 17:15 TERRITORIAL SOVEREIGNTY AND PERSISTENCE OF TRADITIONAL COMMUNITIES OF SÃO PAULO, BRAZIL: MATERIALITIES, SELF-DETERMINATION, AND LANGUAGE  
Sallum, Marianne (University of São Paulo; UNIAHQ - Centre for Archaeology, School of Arts and Humanities, University of Lisbon) - Noelli, Francisco (UNIAHQ - Centre for Archaeology, School of Arts and Humanities, University of Lisbon) - Casimiro, Tânia (Universidade Nova de Lisboa)
- 17:30 LIFE FINDS A WAY. SETTLEMENTS' ABANDONMENT AND REUTILIZATION IN THE HORN OF AFRICA.  
Llorente García, Mario (Incipit - Institute of Heritage Sciences)
- 17:45 RADICAL CHANGE? SOCIAL ABANDONMENT AND THE ARCHAEOLOGICAL RECORD  
Hattori, Márcia (Instituto de Ciencias del Patrimonio, Incipit-CSIC)

18:00 'EMPTY' PLACES FILLED WITH MEMORIES: THE POLITICS OF ABANDONMENT AND JAPANESE AMERICAN INCARCERATION  
Lau-Ozawa, Koji (UCLA)

18:15 DISCUSSION SLOT

## 217 MATERIALISING THE INVISIBLE. THE ANALYSIS OF RURAL SOCIETIES IN THE TRANSITION TO THE EARLY MIDDLE AGES IN THE IBERIAN PENINSULA

**Room:** 42=CU005-BAS-Aula 3

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Rodríguez-González, Celtia (Universidad de Santiago de Compostela) - Rolo, Monica (UNUARQ - Centro de Arqueologia da Universidade de Lisboa) - Salinero-Sánchez, Irene (Universidad Rey Juan Carlos) - Tobalina-Pulido, Leticia (Instituto de Ciencias del Patrimonio, CSIC) - Martins, Ana (CHAIA -Universidade de Évora; Universidade de Granada; FCT - Fundação Para a Ciência e Tecnologia, 2021.06047.Bd)

### ABSTRACTS

14:00 INTRODUCTION

14:15 REDEFINING CAVE FREQUENCIES: THE PRESENCE OF ROMAN ARCHAEOLOGICAL REMAINS IN THE CAVES OF THE BASQUE COUNTRY  
Tobalina-Pulido, Leticia (Incipit - Institute of Heritage Sciences)

14:30 SPATIAL ANALYSIS OF MEDIEVAL FORTIFICATIONS IN THE RIAZA, DURATÓN, AND DUERO INTERFLUVE THROUGH GIS TOOLS  
Polo-Romero, Alberto (Rey Juan Carlos University)

14:45 ANALYSIS OF EVERYDAY LIFE IN RURAL SETTLEMENTS DURING THE EARLY MIDDLE AGES IN THE NORTHWEST OF THE IBERIAN PENINSULA  
Rodríguez-González, Celtia (Centro de Investigación Interuniversitario Das Paisaxes Atlánticas Culturais - CISPAC, Universidade de Santiago de Compostela)

15:00 TRENDS IN LANDSCAPE AND AGRICULTURE IN NW PORTUGAL IN THE LATE ANTIQUITY ACCORDING TO ARCHAEOBOTANICAL RESEARCH  
Magalhães, Catarina (CITCEM - Centre for Transdisciplinary Research Culture, Space and Memory, Faculty of Arts and Humanities of University of Porto) - Seabra, Luís (Faculty of Sciences, University of

Porto; CIBIO-BIOPOLIS - Research Centre in Biodiversity and Genetic Resources/University of Porto) - Oliveira, Cláudia (CIBIO-BIOPOLIS - Research Centre in Biodiversity and Genetic Resources/University of Porto) - Arezes, Andreia (FLUP - Faculty of Arts and Humanities; CITCEM - Centre for Transdisciplinary Research Culture, Space and Memory, Faculty of Arts and Humanities of University of Porto) - Filipe, Ana (APPA-VC - Association for Protection of Heritage, Archaeology and Museums of Vila Do Conde) - Varela, José (Matosinhos City Municipality) - Almeida, Pedro (Vila Do Conde City Municipality) - Tereso, João (CIBIO-BIOPOLIS - Research Centre in Biodiversity and Genetic Resources/University of Porto; Centre of Interdisciplinary Studies, University of Coimbra; Centre for Archaeology, UNUARQ, School of Arts and Humanities, University of Lisbon; MHNC - UP - Natural History and Science Museum of the University of Porto)

15:15 SHADOWS ON THE PEAKS: EXPLORING THE ELUSIVE REALMS OF MOUNTAIN COMMUNITIES DURING THE EARLY MIDDLE AGES  
Medina Gordo, Sonia (University of Barcelona)

15:30 DEATH IN TIMES OF CHANGE: FUNERARY PRACTICES IN LUSITANIA DURING LATE ANTIQUITY  
Rolo, Mónica (Centre of Archaeology of University of Lisbon, UNUARQ)

15:45 DISCUSSION SLOT

16:30 STUDY OF RURAL FUNERARY SPACES IN THE IBERIAN PENINSULA BETWEEN THE 5TH AND 7TH CENTURIES AD. A COMPARATIVE PERSPECTIVE  
Sánchez, Irene (Universidad Rey Juan Carlos)

16:45 THE METALLURGICAL WORKSHOP OF CERRO DE LOS ALMADENES. AN EXAMPLE OF LATE ANTIQUITY COPPER PRODUCTION IN IBERIAN PENINSULA  
Álvarez García, Juan (Universidad Autónoma de Madrid) - Morato Marqués, Carlos (Asociación Para la Difusión de la Arqueología y la Minería Antigua - DAMA) - Ayarzagüena Sanz, Mariano (Sociedad Española de Historia de la Arqueología - SEHA)

17:00 CONSUMPTION PATTERNS OF TERRA SIGILLATA AROUND THE GUADIANA (SOUTHERN PORTUGAL) DURING LATE ANTIQUITY  
Martins, Ana (CHAIA -Universidade de Évora; Universidade de Granada; FCT - Fundação Para a Ciência e a Tecnologia)

- 17:15 A VIEW OF THE MONETARY CIRCULATION IN NORTHEASTERN LUSITANIA DURING LATE ANTIQUITY, BASED ON THREE ROMAN COIN HOARDS  
Ribeiro Machado Neto, Newton (Universidade de Évora)
- 17:30 DISCUSSION SLOT
- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

## 223 MONUMENTAL ISSUES: ARCHAEOLOGICAL APPROACHES TO THE PUBLIC MATERIALITIES OF CONTESTED PASTS

**Room:** 21=CU003-FL4-Aula C  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Munawar, Nour A. (Doha Institute for Graduate Studies) - Symonds, James (University of Amsterdam - UVA) - Gonzalez Zarandona, José Antonio (Newcastle University)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 MONUMENTS AND/AS RESTORATIVE JUSTICE IN AFRICA: THE CASE OF MEMORIALS DEDICATED TO THE MAU-MAU UPRISING IN NAIROBI (KENYA)  
Labadi, Sophia (University of Kent; University of Bonn)
- 9:00 UNSETTLED MEMORIES TURNED TO STONE. CONTENTIOUS COLONIAL HERITAGE IN BELGIUM AND CENTRAL AFRICA  
Vande Keere, Nikolaas (UR Architects Belgium; Faculty of Architecture and Arts, Hasselt University)
- 9:15 DISCUSSION SLOT
- 9:30 THE MATTER (AND MEANING) OF MONUMENTS. TALES FROM SARDINIA, AN "ITALIAN INTERNAL COLONY"  
Panetta, Alessandro (Institute of History of Mediterranean Europe - ISEM, National Research Council - CNR)
- 9:45 CONCRETE MEMORIES AS HERITAGE OF INFRASTRUCTURAL VIOLENCE  
Breithoff, Esther (Birkbeck, University of London)

- 10:00 THE ARMED FORCES OF THE SOVIET UNION IN THE CONTENT OF MONUMENTS IN POLAND AFTER WWII. FROM AFFIRMATION TO CONDEMNATION  
Lawrynowicz, Olgierd (Institute of Archaeology, University of Lodz) - Krupa-Lawrynowicz, Aleksandra (Institute of Ethnology and Cultural Anthropology, University of Lodz) - Latocha, Sebastian (Institute of Ethnology and Cultural Anthropology, University of Lodz)
- 10:15 DISCUSSION SLOT
- 11:00 INSCRIBING SECTARIANISM: RELIGIOUS MONUMENTAL ARCHITECTURE IN POST CONFLICT ENVIRONMENTS  
Hourani, Najib (Michigan State University; Department of Anthropology)
- 11:15 A MONUMENTAL PARADOX. THE LIVORNO 'FOUR MOORS' BETWEEN LOCAL IDENTITY AND MEDITERRANEAN MIGRATIONS  
Paolillo, Costanza (Bibliotheca Hertziana-Max Planck Institute for Art History; New York University)
- 11:30 DISCUSSION SLOT

## 240 MEGALITHS AND THE COMMUNITY: OPPORTUNITIES AND CHALLENGES OF COMMUNITY ENGAGEMENT IN THE MANAGEMENT, PUBLIC PRESENTATION, AND PROTECTION OF NEOLITHIC LANDSCAPES

**Room:** 37=CU005-FL2-Ponzi I  
**Time:** 8:30 - 13:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Jameson, John H (ICOMOS ICIP/ ICAHM; U.S. National Park Service, Retired) - Sebire, Heather (English Heritage)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 THE ESSENTIAL ROLE OF COMMUNITY ENGAGEMENT IN THE MANAGEMENT AND PUBLIC PRESENTATION OF NEOLITHIC LANDSCAPES  
Jameson, John H (ICOMOS) - Sebire, Heather (English Heritage)
- 9:00 WORLD HERITAGE FOR ALL? ASSESSING ACCESSIBILITY AMBITIONS IN WH NOMINATIONS  
Van Den Dries, Monique (Faculty of Archaeology, Leiden University)

- 9:15 **THE MAYOR, MEGALITHS AND ME: CHANNELLING MASS ECO-TOURISM AND PRESERVATION IN A UNESCO GLOBAL GEOPARK BY CREATING SHARED OWNERSHIP**  
De Roest, Karla (Hunebedcentrum; Groningen Institute of Archaeology, University of Groningen)
- 9:30 **COMMUNITY ENGAGEMENT WITH MEGALITHIC MONUMENTS: THE IRISH EXPERIENCE**  
Gleeson, Pauline (National Monuments Service; Department of Housing, Local Government and Heritage) - Breen, Claire (National Monuments Service; Department of Housing, Local Government and Heritage)
- 9:45 **A TIMBER CIRCLE AND HENGE IN A MODERN LANDSCAPE: COMMUNITY ARCHAEOLOGY AT ARMINGHALL HENGE, NORWICH, NORFOLK, UK**  
Hutcheson, Andrew (University of East Anglia)
- 10:00 **WHAT ARE WE LOOKING AT? THE CHALLENGES OF ENGAGING WITH, PRESENTING AND PROTECTING NEOLITHIC ASTRONOMICAL SITES IN THE STONEHENGE LANDSCAPE**  
Chadburn, Amanda (Bournemouth University, University of Oxford, EAA Executive Board, 2020-23)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FORMATIVE MONUMENTAL LANDSCAPES IN THE ATACAMA DESERT THROUGH MOVABLE AND NON-MOVABLE THINGS (TARAPACÁ, SOUTH-CENTRAL ANDES)**  
Uribe, Mauricio (Universidad de Chile)
- 11:15 **BENEFITS AND CHALLENGES TO MULTISCALAR PUBLIC ENGAGEMENT SURROUNDING THE CALLACPUMA MEGALITHIC PLAZA IN THE NORTHERN PERUVIAN ANDES**  
Toohey, Jason (University of Wyoming) - Murphy, Melissa S. (University of Wyoming) - Chirinos Ogata, Patricia (University of California-Santa Barbara)
- 11:30 **DISCUSSION SLOT**

### 327 HUMAN INFLUENCE ON COASTAL PALEOENVIRONMENTS: A GEOARCHAEOLOGICAL PERSPECTIVE OF HUMAN-ENVIRONMENTAL INTERACTIONS FROM THE QUATERNARY TO THE ANTHROPOCENE

- Room:** 60=CU022-EXT-Serra  
**Time:** 8:30 - 10:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Bulian, Francesca (University of Groningen, Groningen Institute of Archaeology) - Jiménez-Espejo, Francisco J. (Instituto Andaluz de Ciencias de la Tierra - CSIC-UGR; Research Institute for Marine Resources Utilization) - Alessandri, Luca (Sapienza University of Rome, Department of Science of Antiquity)

#### ABSTRACTS

- 8:30 **THE PROCESSES OF PALEO-ENVIRONMENTAL CHANGES, THEIR IMPACTS ON THE MARMARA REGION, AND ITS EFFECTS ON THE EARLY NEOLITHIC SETTLEMENTS**  
Emre, Bedel - Arıkan, Bülent (Istanbul Technical University, Eurasian Earth Sciences Institute)
- 8:45 **HUMAN INTERACTION AND LANDSCAPE TRANSFORMATION AT IRON AGE SALT PRODUCTION SITE PISCINA TORTA NEAR OSTIA (ROME, ITALY)**  
Bulian, Francesca (Groningen Institute of Archaeology, University of Groningen) - Alessandri, Luca (Department of Science of Antiquity, Sapienza University of Rome) - Attema, Peter (Groningen Institute of Archaeology, University of Groningen) - Guarnieri, Alberto (Department of Land, Environment, Agriculture and Forestry, University of Padova) - Baiocchi, Valerio (Department of Civil, Constructional and Environmental Engineering, Sapienza University of Rome) - Sevin, Jan (Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam)
- 9:00 **CLIMATIC AND HYDROLOGIC CHANGES VS. HUMAN RESILIENCE IN THE SYBARIS PLAIN**  
Cavasinni, Chiara (Sapienza University of Rome) - Forti, Luca (University of Milan) - Giaccio, Biagio (Institute of Environmental Geology and Geoengineering of the National Research Council) - Izdebski, Adam (Palaeo-Science and History - PS&H, Independent Research Group, Max Planck Institute of Geoanthropology) - Macrì, Patrizia (National Institute of Geophysics and Volcanology) - Masi, Alessia (Sapienza University of Rome; Palaeo-Science and History - PS&H)

Independent Research Group, Max Planck Institute of Geoanthropology) - Vanzetti, Alessandro - Sadori, Laura (Sapienza University of Rome)

- 9:15 **PRILE PROJECT: EXPLORING A CHANGING COASTAL LANDSCAPE IN ETRURIA**  
Colombi, Camilla (Deutsches Archäologisches Institut, Abteilung Rom) - Hoelzmann, Philipp (Freie Universität Berlin, Fachbereich Geowissenschaften, Physische Geographie)
- 9:30 **LIVING COASTSCAPES: LANDSCAPES, RESOURCES, AND POLITICAL STRATEGIES IN THE NORTHERN TYRRHENIAN SEA (PECORA RIVER VALLEY, CENTRAL ITALY)**  
Buonincontri, Mauro - Volpi, Vanessa (Department of History and Cultural Heritage, University of Siena) - Clò, Eleonora (Department of Life Science, University of Modena and Reggio Emilia) - Furia, Elisa (Department of Life Science, University of Modena and Reggio Emilia; Department of Biology, Tor Vergata University of Rome) - Florenzano, Assunta (Department of Life Science, University of Modena and Reggio Emilia) - Poggi, Giulio - Dallai, Luisa (Department of History and Cultural Heritage, University of Siena) - di Pasquale, Gaetano (Department of Agricultural Sciences, University of Naples Federico II) - Mercuri, Anna Maria (Department of Life Science, University of Modena and Reggio Emilia) - Bianchi, Giovanna (Department of History and Cultural Heritage, University of Siena)
- 9:45 **RISE AND DEMISE OF SALT PRODUCTION BY IGNITION DURING THE LATE PREHISTORY IN COASTAL SITES AT THE IBERIAN PENINSULA**  
Jimenez-Espejo, Francisco (Instituto Andaluz Ciencias de la Tierra - CSIC) - López-Sáez, José (Environmental Archaeology Research Group, Institute of History, CCHS CSIC) - Bulian, Francesca (Groningen Institute of Archaeology, University of Groningen) - Valiente, Santiago (SEHA - Sociedad Española de Historia de la Arqueología y Cedhas) - Garrido-Pena, Rafael (Departamento de Prehistoria y Arqueología, Universidad Autónoma de Madrid, Madrid, Spain) - Ayarzagüena Sanz, Mariano (SEHA - Sociedad Española de Historia de la Arqueología, CEDHAS) - Gonzalez-Ramón, Antonio (Instituto Geológico y Minero de España - IGME-CSIC) - Giles, Francisco (Museo Arqueológico Puerto de Santa María) - Camuera, Jon (Instituto Andaluz de Ciencias de la Tierra - IACT, CSIC-UGR)
- 10:00 **HUMAN ADAPTIONS TO AN UPLIFTING COAST (BORRE ROYAL BURIAL SITE, OSLO FIORD, NORWAY) - A GEOARCHAEOLOGICAL APPROACH**  
Draganits, Erich - Doneus, Michael (University of Vienna) - Gansum, Terje - Gustavsen, Lars - Nau, Erich (Norwegian Institute for Cultural Heritage Research) - Tonning, Christer (Vestfold Fylkeskommune) -

Trinks, Immo (Vienna Institute for Archaeological Science) - Neubauer, Wolfgang (University for Continuing Education KREMS)

10:15 DISCUSSION SLOT

### 331 ACROSS DESERTS AND SEAS: TEMPOS AND MODES OF NEOLITHIZATION IN THE HORN OF AFRICA AND THE ARABIAN PENINSULA

- Room:** 62=CU022-EXT-Aula E  
**Time:** 11:00 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Scancarrello, Olivier (Université Côte d'Azur, CNRS, CEPAM) - Maiorano, Maria Pia (Goethe University Frankfurt, Institute for Archaeological Sciences, Dept. Near Eastern and Classical Archaeology)

### ABSTRACTS

- 11:00 **HOW TO DIFFERENTIATE LITHICS FROM MESOLITHIC AND NEOLITHIC PERIODS DURING SURFACE SURVEY IN CENTRAL SUDAN?**  
Kapustka, Katarína (Institute of Archaeology CAS; Czech Institute of Egyptology FF UK)
- 11:15 **SPOTLIGHT INTO LATE PALAEO-LITHIC - NEOLITHIC TRANSITION IN SOUTHERN ARABIA: THE WĀDĪ SAYY ROCK SHELTER**  
Chlachula, Dominik (Research Centre for the Paleolithic and Paleanthropology, Institute of Archaeology Brno, Czech Academy of Sciences; Department of Archaeology and Museology at Masaryk University) - Maiorano, Maria Pia (Institute for Archaeological Sciences, Goethe University Frankfurt) - Danielisová, Alžběta (Institute of Archaeology Prague, Czech Academy of Sciences) - Garba, Roman (Institute of Archaeology Prague, Czech Academy of Sciences; Nuclear Physics Institute, Czech Academy of Sciences)
- 11:30 **UNCHARTED PAST: UNVEILING THE NEOLITHIC PATHWAYS OF THE UAE'S FERTILE COAST THROUGH NEW ARCHAEOLOGICAL INSIGHTS**  
Lidour, Kevin - Al Hameli, Noura (DCT Abu Dhabi)
- 11:45 **OBSIDIAN FINGERPRINTING AND BACKED GEOMETRICS: TRACKING MOBILITY AND THE ADVENT OF HERDING IN ARABIA AND THE HORN OF AFRICA**  
Khalidi, Lamy (CEPAM, CNRS, University Cote d'Azur) - Scancarrello, Olivier (CEPAM, University Cote d'Azur) - Davtian, Gourguen



(CEPAM, CNRS) - Ménard, Clément (CERP, Tautavel) - Gratuze, Bernard (IRAMAT - CEB - CNRS - University of Orléans)

12:00 **A GENETIC ANALYSIS OF A NEOLITHIC CATTLE FROM SAUDI ARABIA HELPS EXPLORE CONNECTIONS BETWEEN PREHISTORIC ARABIA AND AFRICA**

Diquelou, Deborah - Mattiangeli, Valeria (Trinity College Dublin) - Kennedy, Melissa - Thomas, Hugh (The University of Sydney) - Mullin, Victoria - Bradley, Daniel (Trinity College Dublin)

12:15 **SETTING THE STAGE FOR NEOLITHIZATION: FIRE IN THE MOIST HIGHLAND FORESTS OF SW ETHIOPIA**

Bodin, Stéphanie - Neumann, Katharina (Senckenberg Gesellschaft für Naturforschung) - Brandt, Steve (University of Florida) - Vogel-sang, Ralf (University of Cologne) - Demissew, Sebsebe (Addis Ababa University) - Hensel-Karamalakidou, Elena (Kiel University) - Hildebrand, Elisabeth (Stony Brook University) - Casas-Gallego, Manuel (Complutense University of Madrid) - Hahn, Karen (Goethe University Frankfurt)

12:30 **REAPPRAISING PROCESSES OF 'NEOLITHIZATION' IN EASTERN AFRICA: REFLECTIONS ON THE UTILITY OF A COLONIAL CONCEPT**

Lane, Paul (Department of Archaeology, University of Cambridge) - Merlo, Stefania (McDonald Institute for Archaeological Research, University of Cambridge)

12:45 **DISCUSSION SLOT**

### 336 BURIAL AFTER THE END OF THE WORLD

**Room:** 9=CU003-FL1-Aula IV

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Meier, Thomas (Centre for Apocalyptic and Post-Apocalyptic Studies - CAPAS, Heidelberg University; Institute for Pre- and Protohistory and Near Eastern Archaeology, Heidelberg University) - Turner, Sam (McCord Centre for Landscape, Newcastle University) - Moragas Segura, Natalia (Equip de Recerca Arqueològica I Arqueomètrica, Universitat de Barcelona; Institut D'Arqueologia de la Universitat de Barcelona) - Müller, Kathrin (University Freiburg)

#### ABSTRACTS

8:30 **EARLY MEDIEVAL BURIALS AT ANCIENT RUINS AND MOUNDS. A REFLECTION OF DIFFERENT TALES?**

Schumann, Robert (University of Hamburg)

8:45 **BURIALS IN AN (ALMOST) FORGOTTEN CITY. TO BE BURIED IN POSTCLASSIC TIMES IN TEOTIHUACAN.**

Moragas, Natalia (University of Barcelona)

9:00 **BURIAL IN THE RUINS OF THE LATE MINOAN IIIC SETTLEMENT OF VRONDA: COMPREHENDING AND CONSTRUCTING THE PAST, PRESENT AND FUTURE**

Bell, Sarah (Brown University)

9:15 **RESURRECTION OF A LOST WORLD? RECONSIDERING EARLY MEDIEVAL BURIALS IN ROMAN RUINS IN NORTHWEST NORICUM**

Hausmair, Barbara (University of Innsbruck)

9:30 **EARLY MEDIEVAL CEMETERIES IN ROMAN RUINS ACROSS SOUTHERN GERMANY AND ADJACENT AREAS**

Heidegger, Philipp (Amt für Kultur/Abt. Archäologie, Liechtenstein; Universität Freiburg)

9:45 **FUNERARY OSTENTATION AND THE MEMORY OF ANCIENT BURIAL SITES: MEROVINGIAN BURIALS NEXT TO A PROTOHISTORIC TUMULUS AT RÉQUISHEIM (ALSACE, FRANCE)**

Fischbach, Thomas - Roth-Zehner, Muriel (Archéologie Alsace; UMR7044 Archimède)

- 10:00 **RUINS AND MORE: EXPLORING THE CHOICE OF BURIAL SITES IN SOUTHERN GERMANY DURING THE EARLY MEDIEVAL PERIOD**  
Müller, Kathrin (University Freiburg)
- 10:15 **DISCUSSION SLOT**
- 11:00 **MAKING RUINS FOR BURIAL: REORIENTING EARLY MEDIEVAL LANDSCAPES WITH SPOLIA IN NORTHUMBRIA**  
Turner, Sam (School of History, Classics and Archaeology)
- 11:15 **BURIALS IN THE SETTLEMENT STRUCTURES OF GREAT MORAVIAN CENTRES - SOCIAL PHENOMENA, EVIDENCE OF COLLAPSE, OR GRAVES IN THE RUINS?**  
Hladík, Marek (Institute of Archaeology Czech Academy of Sciences, Brno) - Přichystalová, Renáta (Masaryk University Brno) - Mazuch, Marian (Institute of Archaeology Czech Academy of Sciences Brno) - Dresler, Petr (Masaryk University Brno)
- 11:30 **DISPERSED BURIALS IN THE EARLY MEDIAEVAL (GREAT-MORAVIAN) STRONGHOLD BŘECLAV-POHANSKO (CZ)**  
Přichystalová, Renáta (Masaryk University, Faculty of Arts, Department of Archaeology and Museology)
- 11:45 **A RECONSIDERATION OF POST-ABANDONMENT BURIALS AT THE MAYA SITE OF ALTUN HA, BELIZE**  
Novotny, Anna - Houk, Brett (Texas Tech University)
- 12:00 **REST IN RUINS - NEW APPROACHES TO DYNAMIC ABANDONMENT PROCESSES AND BURIAL RELOCATION AT THE NEOLITHIC SETTLEMENT OF GÖBEKLI TEPE**  
Schönicke, Julia (Freie Universität Berlin; German Archaeological Institute)
- 12:15 **MAYA RUINS AND POST-COLLAPSE BURIAL BEHAVIOURS**  
Vidal Lorenzo, Cristina (Universitat de València) - Muñoz Cosme, Gaspar (Universitat Politècnica de València)
- 12:30 **WHY TO BURY IN A RUIN?**  
Meier, Thomas (University of Heidelberg)
- 12:45 **DISCUSSION SLOT**

### 355 OCHRE AND CULTURE: THE ODYSSEY FROM EXPLOITATION TO SOCIETAL SIGNIFICANCE

- Room:** 28=CU002-FL1-Aula VIII  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Discussion session (with formal abstracts)  
**Organisers:** Mauran, Guilhem (UMR 5199 PACEA, University of Bordeaux) - Rosso, Daniela (Main Addressdepartamento de Prehistoria, Arqueología, Universidad de Valencia)

#### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **ASSESSING HEATING OF OCHRE AT THE 100 KA BP TINSHEMET CAVE, ISRAEL**  
Gaitero-Santos, David - Zaidner, Yossef (The Hebrew University of Jerusalem, Institute of Archaeology)
- 9:00 **MINERAL PIGMENTS USE BY MICOQUIAN NEANDERTHALS IN CRIMEA**  
d'Errico, Francesco (University of Bordeaux-CNRS; Centre for Early Sapiens Behaviour, University of Bergen) - Mauran, Guilhem (Université de Bordeaux, CNRS, PACEA, UMR5199) - Pitarch Marti, Africa (Departament d'Arts I Conservació-Restauració, Facultat de Belles Arts, Universitat de Barcelona; Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Majkic, Ana (Department of Archaeology, University of Belgrade) - Stepanchuk, Vadim (Institute of Archaeology of the National Academy of Sciences of Ukraine)
- 9:15 **DISCUSSION SLOT**
- 9:30 **SHIFTING PERSPECTIVES: THEORETICAL AND ANALYTICAL TRENDS IN MIDDLE STONE AGE OCHRE STUDIES**  
Culey, Jasmin (SFF Centre for Early Sapiens Behaviour - Sapience, University of Bergen) - d'Errico, Francesco (CNRS UMR 5199 de la Préhistoire À L'Actuel: Culture, Environnement, et Anthropologie - PACEA, Université Bordeaux; SFF Centre for Early Sapiens Behaviour - Sapience, University of Bergen) - Van Niekerk, Karen (SFF Centre for Early Sapiens Behaviour - Sapience, University of Bergen; Archaeology Division, School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand) - Velliky, Elizabeth (SFF Centre for Early Sapiens Behaviour - Sapience, University of Bergen)

- 9:45 **OCHRE USE DURING THE UPPER PALAEOLITHIC AT PARPALLÓ CAVE, GANDÍA, SPAIN**  
Rosso, Daniela Eugenia (Departament de Prehistòria, Arqueologia i Història Antiga, Grupo de Investigación Prehistoria del Mediterráneo Occidental - PREMEDOC, Universitat de València) - Roldán García, Clodoaldo - Murcia Mascarós, Sonia (Instituto de Ciencia de Materiales - ICMUV, Universitat de València) - Villaverde Bonilla, Valentín (Departament de Prehistòria, Arqueologia i Història Antiga, Grupo de Investigación Prehistoria del Mediterráneo Occidental - PREMEDOC, Universitat de València)
- 10:00 **AN EXPLORATION OF REDS AND YELLOWS IN THE PARIS BASIN: SOURCING STRATEGIES DURING THE UPPER PALEOLITHIC**  
Chassin de Kergommeaux, Aurélie - Salomon, Hélène - Rossi, Magali - Chalmin, Emilie (Environnements, Dynamiques et Territoires de la Montagne Université Savoie Mont Blanc, Centre National de la Recherche Scientifique : UMR5204) - Peschaux, Caroline - Lesvignes, Emilie - Caron-Laviolette, Elisa - Bodu, Pierre - Bignon-Lau, Olivier (MSH Mondes, UMR 8068 Temps)
- 10:15 **DISCUSSION SLOT**
- 11:00 **RED MINERAL PIGMENTS FROM THE LATE UPPER PALAEOLITHIC CHOCOLATE FLINT MINE OF ORO SKO, MASOVIAN DISTRICT, POLAND**  
Kosciuk-Zalupka, Julia (Jagiellonian University) - Kerneder-Gubała, Katarzyna (Polish Academy of Science)
- 11:15 **SHIFTING SANDS AND HUES: INVESTIGATING CULTURAL RESPONSES TO ENVIRONMENTAL CHANGE THROUGH THE OCHRE ASSEMBLAGE AT BOOMPLAAS CAVE**  
Mauran, Guilhem (UMR 5608 Traces, University Toulouse Jean-Jaures, Centre National de la Recherche Scientifique - CNRS; Rock Art Research Institute, University of the Witwatersrand) - McGrath, James (Tallgrass Archaeology Llc) - Chase, Brian (Institut des Sciences de l'Evolution-Montpellier - ISEM, University of Montpellier, Centre National de la Recherche Scientifique - CNRS, EPHE, IRD; Department of Environmental and Geographical Science, University of Cape Town) - Faith, J. Tyler (National History Museum of Utah, University of Utah; Department of Anthropology, University of Utah; Origins Centre, University of the Witwatersrand) - Pargeter, Justin (Department of Anthropology, New York University; Rock Art Research Institute, University of the Witwatersrand; Department of Anthropology and Development Studies, University of Johannesburg)

- 11:30 **RED OCHRE AT ARMA VEIRANA (ERLI, LIGURIA). ANOTHER PIECE OF MOSAIC FOR UNDERSTANDING OCHRE EXPLOITATION AND MANIPULATION IN NORTHERN ITALY**  
Cavallo, Giovanni (University of Applied Sciences and Arts of Southern Switzerland) - Negrino, Fabio (Department of Antiquities, Philosophy, History, University of Genoa) - Benazzi, Stefano (University of Bologna) - Hodgkins, Jamie (Department of Anthropology, University of Colorado Denver) - Miller, Christopher (Institute for Archaeological Sciences and Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen; SFF Centre for Early Sapiens Behaviour - Sapience, University of Bergen) - Orr, Caley (Department of Anthropology, University of Colorado Denver; Department of Cell and Developmental Biology, University of Colorado School of Medicine) - Peresani, Marco (Prehistory and Anthropology Science Unit, Department of Humanities, University of Ferrara, Sezione di Scienze Preistoriche e Antropologiche; Institute of Environmental Geology and Geoengineering - IGAG, National Research Council Italy) - Riel-Salvatore, Julien (Département d'Anthropologie, Université de Montréal) - Strait, David (Department of Anthropology, Washington University; Palaeo-Research Institute, University of Johannesburg)
- 11:45 **DISCUSSION SLOT**
- 12:00 **AN INTEGRATED APPROACH OF ROCK ART: UNDERSTANDING THE TRAJECTORY OF COLOURING MATERIALS FROM THE SOURCE TO THE WALL**  
Chalmin, Emilie - Defrasne, Claudia - Salomon, Helene - Delannoy, Jean-Jacques - Chassin de Kergommeaux, Aurelie - Le Turnier, Marianne (Edytem) - Martinetto, Pauline - Bordet, Pierre (Institut Néel) - Theron, Coline (Institut Néel; Edytem)
- 12:15 **NEW DATA IN THE CHARACTERIZATION OF LEVANTINE ROCK ART STYLISTIC HORIZONS THROUGH PIGMENTS: LIMITES AND POSSIBILITIES OF NON-INVASIVE METHODS**  
López-Montalvo, Esther (CNRS UMR 5608 Traces) - Gallelo, Gianni - Roldán, Clodoaldo - Ramacciotti, Mirco (University of Valencia) - Goemaere, Eric (Royal Belgian Institute of Natural Sciences) - Murcia-Mascarós, Sonia - Morales-Rubio, Angel (University of Valencia)
- 12:30 **OCHRE OR CINNABAR? WHICH RED FOR THE CHEVRON-DECORATED ANTHROPOMORPHIC STELAE OF SOUTHEASTERN FRANCE?**  
Le Turnier, Marianne (IPAG, Université Grenoble Alpes, UMR 5274; Edytem, Université Savoie Mont-Blanc, UMR 5204) - Beck, Lucile (LSCE, Université Versailles Saint-Quentin, UMR 8212) - Chalmin, Émilie (Edytem, Université Savoie Mont-Blanc, UMR 5204) - De-

frasne, Claudia (Edytem, Université Savoie Mont-Blanc, UMR 5204)  
- Schmitt, Bernard (IPAG, Université Grenoble Alpes, UMR 5274)

12:45 DISCUSSION SLOT

14:00 COLOURS AT HOME - UNEARTHING THE TRADITION OF COLOUR USE IN STONE AGE NORWAY

Riise, Mari (University of Bergen)

14:15 THE RED WAY TO THE LIFE BEYOND

Zagorska, Ilga (Lu Institute of History of Latvia)

14:30 DISCUSSION SLOT

14:45 DISCUSSION SLOT

### 359 THE 4TH AND 3RD MILLENNIUM BC STEPPE IMPACT ON PREHISTORIC EUROPE

**Room:** 101=CNR01-BAS-Convegna

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Session with keynote presentation and discussion

**Organisers:** Heyd, Volker (University of Helsinki) - Kulcsár, Gabriella (Institute of Archaeology, Hun-REN Research Centre for the Humanities) - Dani, János (University of Szeged) - Topal, Denis (National Museum of History of Moldova) - Palalidis, Stefano (Università Ca' Foscari Venezia)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 KEYNOTE PRESENTATION: MIGRATION AND SOCIAL TRANSFORMATION: NEOLITHIC DECLINE AND CORDED WARE EXPANSION

Kristiansen, Kristian (Department of Historical Studies, University of Gothenburg)

9:00 DISCUSSION SLOT

9:15 THE YAMNAYA IMPACT ON PREHISTORIC EUROPE: CURRENT UNDERSTANDING AND PAVING THE WAY FOR FUTURE RESEARCH

Preda-Balanica, Bianca (University of Helsinki)

9:30 SPATIAL MODELLING OF THE EARLY YAMNAYA EXPANSION USING RADIOCARBON DATES

Suvorov, Alexander (University of Helsinki)

9:45 INTERCULTURAL INTERACTIONS IN THE NORTHWEST PONTIC DURING THE EARLY YAMNA PERIOD (3350-2900 BCE)

Nikitin, Alexey (Grand Valley State University) - Ivanova, Svitlana (Institute of Archaeology, the National Academy of Sciences of Ukraine)

10:00 THE FUNERARY TRADITIONS IN THE YAMNAYA CULTURAL HORIZON (CA. 3400 - 2300 CAL BC): DEVELOPMENT AND DIFFERENTIATION

Palalidis, Stefano (Università Ca' Foscari Venezia)

10:15 DISCUSSION SLOT

11:00 'YAMNAYA', 'CORDED WARE', 'BELL BEAKER' ETC. THE IMPACT OF ARCHAEOLOGICAL TAXONOMIES ON ANCIENT DNA RESEARCH

Brami, Maxime (Palaeogenetics Group, Johannes Gutenberg University Mainz)

11:15 DEMOGRAPHY OF THE STEPPE

Blöcher, Jens (Johannes Gutenberg University) - Diekmann, Yoan (Johannes Gutenberg University; University College London) - Preda-Balanica, Bianca (University of Helsinki) - Thomas, Mark (University College London) - Heyd, Volker (University of Helsinki) - Burger, Joachim (Johannes Gutenberg University)

11:30 EARLY CONTACT BETWEEN LATE FARMING AND PASTORALIST SOCIETIES IN SOUTHEASTERN EUROPE

Penske, Sandra (Max Planck Institute for Evolutionary Anthropology)

11:45 GENOMIC STABILITY AND TRANSFORMATIONS IN PREHISTORIC TRANSYLVANIA

Rohrlach, Adam (Max Planck Institute for Evolutionary Anthropology)

12:00 STUDIES ON THE BIOANTHROPOLOGY OF INCOMERS FROM THE STEPPE AND LOCAL RESIDENTS OF SOUTHEASTERN AND CENTRAL EUROPE

Trautmann, Martin (University of Helsinki)

12:15 THE DIETARY IMPACT OF THE YAMNAYA HORIZON ON EARLY BRONZE AGE AGRICULTURALIST POPULATIONS IN PREHISTORIC EUROPE

Sandoval, Elena (University of Bristol) - Heyd, Volker (University of Helsinki) - Cramp, Lucy (University of Bristol)

12:30 SUBSISTENCE, LIFE AND DIET IN THE WESTERNMOST YAMNAYA COMMUNITIES BASED ON BIOARCHAEOLOGICAL DATA: (CASE STUDIES)

Dani, Janos (University of Szeged, Archaeological Department; Déri Museum, Debrecen) - Bálint, Marianna (Hajdúsági Museum, Hajdúböszörmény) - Volker, Heyd (University of Helsinki) - Lisztes-Szabó, Zsuzsanna (Hun-REN Institute for Nuclear Research, Debrecen) - Trautmann, Martin (University of Helsinki) - Hajdu, Tamás (Eötvös

Loránd University, Budapest) - Kelentey, Barna - Angyal, János (Faculty of Dentistry, University of Debrecen) - Horváth, Anikó (Hun-Res Institute for Nuclear Research, Debrecen) - Gábor, Emese (Mag-yarsághkutató Intézet)

12:45 DISCUSSION SLOT

14:00 PALEOENVIRONMENTAL AND PALEOSOIL STUDIES OF KURGANS WITHIN THE YMPACT PROJECT

Peto, Ákos - Braun, Ádám (Hungarian University of Agricultural and Life Sciences)

14:15 KURGANIZATION WITHOUT KURGANS. PLANIGRAPHIC PATTERN OF SOME PRE-YAMNAYA FLAT CEMETERIES OF NW PONTIC AREA

Topal, Denis (National Museum of History of Moldova)

14:30 THE WAGONS OF YAMNAYA CULTURE: THE EARLY STAGE OF THE DEVELOPMENT OF WHEELED TRANSPORT IN THE EURASIAN STEPPE

Rzonca, Justyna (Jagiellonian University)

14:45 LANDSCAPE ANALYSIS OF THE EARLY BRONZE AGE MOUNDS IN THE MIDDLE AND LOWER TUNDZHA RIVER

Valchev, Todor (Historical Museum - Yambol) - Sobotkova, Adela (Aarhus University)

15:00 OCHRE IN THE PICTORIAL ACTIVITY OF PIT-GRAVE TRIBES OF CENTRAL UKRAINE

Syvolap, Mykhaylo (Cherkasy City Archaeological Museum)

15:15 TWILIGHT OF THE GOLDEN AGE

Burdo, Nataliia (Kyiv Domain Archaeological Museum) - Videiko, Mykhailo (Kyiv Borys Grinchenko University)

15:30 DISCUSSION SLOT

### 374 FROM LAB TO FIELD, FROM VERTICAL TO HORIZONTAL. NEW APPROACHES TO THE USE OF PORTABLE X-RAY FLUORESCENCE (PXRF) IN ARCHAEOLOGY

**Room:** 10=CU003-FL1-Aula V

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Dallai, Luisa - Volpi, Vanessa (University of Siena) - Doonan, Roger (Archaeological Research Services Ltd) - Cannell, Rebecca (Norwegian Institute for Cultural Heritage Research)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 P-XRF STUDIES DO NOT NEED STANDARD PROTOCOLS! ... OR DO THEY?

Schauer, Michaela (Vienna Institute for Archaeological Science - VIAS; CIfA Deutschland)

9:00 IS LABORATORY PREPARATION WORTH IT? USE OF PXRF FOR FIELD MAPPING MAGNA ROMAN FORT, NORTHUMBERLAND, UK

Taylor, Gillian (Teesside University) - Gillis, Franki - Marta, Alberti (Vindolanda Trust) - Ebiesuwa, Oladipo - Williams, Rhys (Teesside University) - Birley, Andrew (Vindolanda Trust)

9:15 CALIBRATION OF P-XRF IN THE ANALYSIS OF ANTHROPOGENIC SEDIMENTS: A MULTI ANALYTICAL RESEARCH

Rix, Keelie (CASES Research Group, Dept. of Humanities, Universitat Pompeu Fabra) - Ibáñez-Insa, Jordi (Geosciences Barcelona - Geo3Bcn - CSIC) - Biagetti, Stefano (CASES Research Group, Dept. of Humanities, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand)

9:30 PORTABLE X-RAY FLUORESCENCE (PXRF) FOR ARCHAEOLOGICAL SOIL CHEMISTRY: TOWARDS BEST PRACTICES

Doonan, Roger (Archaeological Research Services Ltd)

9:45 A MEDIEVAL IRON WORKSHOP ON ELBA ISLAND: NON-INTRUSIVE PXRF ANALYSIS ON MONTE SERRA

Monni, Giada (University of Siena)

- 10:00 **WORKSPACES AND ORE DEPOSITS – REMOTE SENSING AND SOIL GEOCHEMISTRY AS TOOLS FOR IDENTIFYING PAST IRON PRODUCTION ENVIRONMENTS**  
Karavidovic, Tena (Institute of Archaeology, Zagreb) - Brenko, Tomislav (Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb) - Sekelj Ivančan, Tajana (Institute of Archaeology, Zagreb)
- 10:15 **DISCUSSION SLOT**
- 11:00 **PXRF ANALYSIS AND ARCHAEOLOGICAL RESEARCH IN THE COLLINE METALLIFERE DISTRICT: CHEMICAL FINGERPRINTS OF PRE-INDUSTRIAL MINING AND METALLURGICAL ACTIVITIES**  
Dallai, Luisa (University of Siena)
- 11:15 **LIVING METALS: PXRF AND UAV FOR DEFINING ACTIVITY AREAS**  
Sharp, Kayeleigh (Northern Arizona University)
- 11:30 **GONE BUT NOT FORGOTTEN? USING PXRF ON THE VIKING CHAMBER GRAVE AT GJELLESTAD, NORWAY**  
Cannell, Rebecca (NIKU - Norwegian Institute for Cultural Heritage Research) - Rødsrud, Christian - Wenn, Camilla (Museum of Cultural History, University of Oslo)
- 11:45 **MULTIPROXY APPROACH TO RECONSTRUCT HISTORICAL LANDSCAPE: PXRF DATA FROM SOUTHERN TUSCANY COASTAL PLAIN**  
Volpi, Vanessa (University of Siena, Department of Historical Science and Cultural Heritage) - Poggi, Giulio (Centre for Cultural Heritage Technology, Istituto Italiano di Tecnologia; University of Siena, Department of Historical Science and Cultural Heritage)
- 12:00 **PXRF AND ARCHAOMETRY AS SUPPORTING TOOLS FOR THE PROVENANCING OF POTTERY. PRODUCTION AND DISTRIBUTION IN SOUTHERN TYRRHENIAN TUSCANY**  
Russo, Luisa - Ponta, Elisabetta - Intermite, Davide - Volpi, Vanessa (University of Siena, Department of Historical Sciences and Cultural Heritage) - Fornacelli, Cristina (University of Siena, Department of Physical, Earth and Environmental Sciences)
- 12:15 **TRACING LITHIC RAW MATERIALS FROM OUTEIRO DO CIRCO (BEJA, PORTUGAL) - PORTABLE X-RAY FLUORESCENCE (PXRF) UTILITY**  
Soares, Sofia - Silva, Teresa (Portuguese National Laboratory of Energy and Geology - LNEG) - Serra, Miguel - Porfirio, Eduardo (Centre of Archaeology, Arts and Heritage Sciences - CEAACP, University of Coimbra) - Silva, Sofia (Outeiro Do Circo Project)
- 12:30 **BRONZE AXES STUDY: A MULTIDISCIPLINARY APPROACH.**  
Volante, Nicoletta - Metta, Christian - Mustone, Gaia - Volpi, Vanessa (Siena University) - Dallai, Luisa (Siena University)

- 12:45 **DISCUSSION SLOT**

**381 CAPACITY BUILDING FOR FAIR DATA SHARING AND DIGITAL PRESERVATION**

**Room:** 79=CU002-FL3-Aula 301

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Discussion session (with formal abstracts)

**Organisers:** Rose, Thomas (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum) - Richards, Julian (Archaeology Data Service, University of York) - Giaccari, Matteo (Department of Earth Sciences, Sapienza University of Rome) - Niccolucci, Franco (PIN, University of Florence) - Ercoles, Isabella (Department of Earth Sciences, Sapienza University of Rome)

**ABSTRACTS**

8:30 **INTRODUCTION**

8:45 **RESEARCH INFRASTRUCTURES FOR FAIR DATA SHARING IN THE HERITAGE SECTOR**  
Richards, Julian (University of York; Ariadne Ri) - Niccolucci, Franco (PIN; Ariadne Ri)

9:00 **CAPACITY BUILDING AT NATIONAL LEVEL: ORGANISATIONAL AND TECHNICAL ISSUES OF ARCHAEOLOGICAL DATA INFRASTRUCTURE IN THE CZECH REPUBLIC**  
Novak, David (Institute of Archaeology of the CAS, Prague)

9:15 **DIGITAL ARCHAEOLOGICAL ARCHIVING IN POLAND – SEADDA COST ACTION AND BEYOND**  
Oniszczuk, Agnieszka (Narodowy Instytut Dziedzictwa/National Institute of Cultural Heritage)

9:30 **DISCUSSION SLOT**

9:45 **IS A DISTRIBUTED NETWORK OF SUPPORT STAFF THE WAY FORWARD? THE SND EXPERIENCE.**  
Jakobsson, Ulf (Swedish National Data Service)

10:00 **ARCHAEOLOGICAL INFRASTRUCTURES IN NORWAY**

Uleberg, Espen - Pantos, George - Indgjerd, Hallvard (Museum of Cultural History, University of Oslo) - Callieri, Marco (Visual Computing Lab ISTI-CNR) - Dell'Unto, Nicolo (Museum of Cultural History,

- University of Oslo; Department of Archaeology and Ancient History, Lund University) - Bonelli, Letizia - Kimball, Justin - Kristensen, Steinar - Samdal, Magne - Aarseth, Bjarte (Museum of Cultural History, University of Oslo)
- 10:15 DISCUSSION SLOT
- 11:00 **RE-ENGINEERING WHICH PROCESSES? TO WHAT EXTENT ARE POST-EXCAVATION PRACTICES, TECHNIQUES AND DOCUMENTATION AS WELL ESTABLISHED AS METHODS FOR ON-SITE RECORDING?**  
May, Keith (HE - Historic England; University of South Wales; University of Sheffield) - Taylor, James (University of York)
- 11:15 **OVERCOMING BARRIERS TO PRESERVING AND DISSEMINATING ARCHAEOLOGICAL DATA: THE CASE OF PEPADB**  
Romero-Garcia, Galo (Universidad de Sevilla) - Sánchez-Gómez, Daniel (University of Lisbon) - Garrido-Cordero, José Ángel - Odrizola, Carlos P. (Universidad de Sevilla)
- 11:30 **LEVERAGING 3D REPOSITORIES FOR ARCHAEOLOGICAL DATA: STANDARDS, ACCESSIBILITY, AND FUTURE DIRECTIONS**  
Pallan, Carlos - Grigowski, Edouard - Lang, Matthias (University of Bonn; Bonn Centre of Digital Humanities) - Bres, Ewa - Zerr, Sergej (University of Bonn; Research Data Service Centre)
- 11:45 DISCUSSION SLOT
- 12:00 **DIGGING COINS. NOMISMA.ORG, A CONTROLLED VOCABULARY AND ONTOLOGY FOR NUMISMATIC ...AND ARCHAEOLOGICAL? ...LINKED OPEN DATA**  
Wigg-Wolf, David (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK)
- 12:15 **RECENT ADVANCES IN QUERYING THE ROAD DATABASE TO MAKE DATA FAIR**  
Kandel, Andrew - Haidle, Miriam (Heidelberger Akademie Der Wissenschaften) - Hochschild, Volker (Heidelberger Akademie Der Wissenschaften; University of Tübingen) - Kanaeva, Zara (Heidelberger Akademie Der Wissenschaften) - Conard, Nicholas (Heidelberger Akademie Der Wissenschaften; University of Tübingen) **12:30 ABOUT GEOHISTORICAL FAIR DATA IN THE FRENCH CONTEXT OF RESEARCH. THE CASE OF THE PARCEDES PROJECT ON AGRARIAN LANDSCAPES**  
Odoire, Angelo - Watteaux, Magali (Université de Rennes 2) - Costa, Laurent (Arscan - UMR 7041 « Mondes Grecs Archaiques et Classiques »)
- 12:45 DISCUSSION SLOT

- 14:00 **RADIOCARBON DATABASES TOWARDS INTEROPERABILITY: THE CASE OF MEXICO AND THE ARQUEODATA PROJECT**  
Alcántara Chávez, Luis Alberto (Arqueodata Project; Museo del Templo Mayor, Mexico)
- 14:15 **KEEP CONTROL OF YOUR DATA! A DECENTRALIZED, OPEN-SOURCE AND COMMUNITY-DRIVEN APPROACH TO ARCHAEOLOGICAL DATA SHARING THROUGH THE "ARCHEOVIZ PORTAL"**  
Plutniak, Sébastien (CNRS, France; Laboratoire CITERES-LAT) - Vignoles, Anaïs (Université de Liège) - Caron-Laviolette, Élisabeth (Université Paris 1)
- 14:30 **GLOBALID: A NEW COMMUNITY-DRIVEN RESEARCH DATA INFRASTRUCTURE FOR SHARING FAIR LEAD ISOTOPE DATA**  
Rose, Thomas - Greifelt, Tim - Westner, Katrin - Hornschuch, Annette - Hsu, Yiu-Kang (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum) - Wiethoff, Helge (Rechenzentrum, Technische Hochschule Georg Agricola) - Klein, Sabine (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum; Fierce, Frankfurt Isotope & Element Research Centre, Goethe Universität Frankfurt)
- 14:45 DISCUSSION SLOT
- 15:00 **CHROMA: TOWARDS INTEROPERABILITY OF ARCHAEOLOGICAL SURVEY DATA BY ADDRESSING COLOUR VISION DEFICIENCY IN THE MAP LEGEND**  
McKeague, Peter (Historic Environment Scotland) - Cramer, Fabio (Undertone Design) - Binding, Ceri - Tudhope, Douglas (University of South Wales)
- 15:15 **"AS OPEN AS POSSIBLE & AS CLOSED AS NECESSARY"? UNCOMFORTABLE HERITAGES AND DATA SHARING OF HUMAN(REMAIN)S**  
Alves-Cardoso, Francisca (Centro Em Rede de Investigação Em Antropologia -CRIA; In2Past - Associate Laboratory for Research and Innovation in Heritage, Arts, Sustainability and Territory)
- 15:30 DISCUSSION SLOT

### 390 MODELLING CONNECTIONS: NEW METHODOLOGIES TO UNDERSTAND HUMAN MOBILITY, ROUTE NETWORKS AND LAND USE

**Room:** 11=CU003-FL1-Venturi

**Time:** 8:30 - 16:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Montesanto, Mariacarmela (Università degli Studi di Firenze; Durham University) - Coto-Sarmiento, María (Centre for Urban Network Evolutions - Urbnet; Aarhus University) - Cimadomo, Paolo (Università Della Basilicata-ISPC CNR) - Ritondale, Manuela (Groningen Institute of Archaeology, University of Groningen) - Sommella, Virginia (Bilkent University)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 RBASIS METHOD. A METHODOLOGY AND MODEL TO HISTORICALLY STUDY THE RELATIONSHIP BETWEEN AN ARCHAEOLOGICAL SITE AND ITS IMMEDIATE SURROUNDINGS  
Trapero Fernández, Pedro (Cádiz University)
- 9:00 APPLICATION OF LANDSCAPE ANALYSES TO TRACE THE FIRST OCCUPATION OF SICILY  
Zaia, Sara (Harvard University) - Patania, Ilaria (Rutgers University) - Tryon, Christian (University of Connecticut)
- 9:15 TRANSCORDILLERAN PATHS AND INTERREGIONAL INTERACTION IN SOUTHERN SOUTH AMERICA: A PROPOSAL BASED ON GIS MODELING  
Lucero Ferreyra, Gustavo (Universidad Católica de Temuco) - Barberena, Ramiro (Centro de Investigación, Innovación y Creación, Universidad Católica de Temuco; Instituto Interdisciplinario de Ciencias Básicas, CONICET; Universidad Nacional de Cuyo) - Mera, Rodrigo (Sociedad Chilena de Arqueología) - Beron, Monica (CONICET; Universidad de Buenos Aires) - Paez, Florencia (Universidad de Buenos Aires) - Fernandez, María - CONICET, - Scartascini, Federico (CONICET; Universidad Nacional de Río Negro) - Maldonado, Mario Gabriel (Universidad Católica de Temuco) - Sacchi, Mariana (Universidad de Buenos Aires, Facultad de Filosofía y Letras; Universidad Católica de Temuco)

- 9:30 MODELLING MOBILITY IN THE NEOLITHIC: LEAST COST PATHS ON A LARGE CANVAS  
Soriano Elias, Biel - Bach Gómez, Anna - Monforte-Barberan, Andreu - Molist Montanya, Miquel (Universitat Autònoma de Barcelona)
- 9:45 ROADS AND RIVERS. THE IMPORTANCE OF REGIONAL TRANSPORTATION NETWORKS FOR EARLY URBANIZATION IN CENTRAL ITALY (1000-500 BC).  
Prignano, Luce (UBICS - Universitat de Barcelona Institute of Complex Systems; Heurística Barcelona) - Fulminante, Francesca (Bristol University; Oxford University; University Roma Tre) - Cozzo, Emanuele (UBICS - Universitat de Barcelona Institute of Complex Systems; Heurística Barcelona)
- 10:00 THE LANDSCAPE OF THE RABAGÃO VALLEY: TRANSFORMATIONS AND DISPARITIES IN THE TERRITORY FROM THE IRON AGE TO THE ROMAN PERIOD  
Dias, Bruno (Universidade do Minho) - Blanco Rotea, Rebeca (Laboratório de Paisagens, Patrimônio e Território - Lab2Pt; Laboratório Associado Para a Investigação e Inovação Em Patrimônio, Artes, Sustentabilidade e Território - In2Past) - Magalhães, Fernanda (Universidade do Minho; Laboratório de Paisagens, Patrimônio e Território - Lab2Pt; Laboratório Associado Para a Investigação e Inovação Em Patrimônio, Artes, Sustentabilidade e Território - In2Past; Unidade de Arqueologia da Universidade do Minho)
- 10:15 DISCUSSION SLOT
- 11:00 MOVING AWAY FROM THE ROADS: RECONSTRUCTING LANDSCAPES OF MOBILITY IN THE DUTCH LIMES  
Groenhuijzen, Mark (Utrecht University, Department of History and Art History) - Verhagen, Philip (Vrije Universiteit Amsterdam, Faculty of Humanities)
- 11:15 CONNECTIVITY, ROAD NETWORKS AND THE RURAL ECONOMY OF ROMAN ISTRIA  
McClean, Andrew (Institut Català d'Arqueologia Clàssica, ICAC) - Šprem, Katarina (Independent Researcher)
- 11:30 CROSSING THE DESERT(S). SIMILARITIES AND DIFFERENCES BETWEEN THE LIMES MAURETANIAE CAESARIENSIS AND THE LIMES ARABICUS (3RD C. CE)  
Cimadomo, Paolo (ISCP-CNR; Università della Basilicata) - Giordano, Vincenzo (Università di Bari)
- 11:45 EXPLORING MOBILITY IN SALENTO (SOUTHERN APULIA): A GIS-BASED INVESTIGATION INTO ROMAN ROAD SYSTEM  
Pesce, Stefania (University of Salento) - Moderato, Marco (CAsES UPF)



- 12:00 **HISTORICAL TRAVEL AND COMMUNICATIONS IN FINLAND (HISCOM)**  
Tiilikkala, Jasse - Lahtinen, Anu (University of Helsinki) - Oksanen, Eljas - Saarenpää, Ida (University of Helsinki)
- 12:15 **VIABILITY AND TRADE IN JORDAN IN THE EARLY BRONZE II-IV: THE CASE OF KHIRBET EZ-ZERAQON TO REINVESTIGATE REGIONAL CONNECTIVITY**  
Lanzaro, Nicola (Sapienza Università di Roma)
- 12:30 **MODELLING CONNECTIONS: NEW METHODOLOGIES FOR UNDERSTANDING HUMAN MOBILITY, ROUTE NETWORKS, AND LAND USE**  
Melfi, Roberto (Scuola Superiore Meridionale)
- 12:45 **DISCUSSION SLOT**
- 14:00 **ROADS LESS TRAVELLED: GEOSPATIAL ANALYSIS OF POTENTIAL ROMAN STONE TRADE ROUTES**  
Ferjan, Ines (University of Edinburgh)
- 14:15 **MEDITERRANEAN AND EXOTIC GOODS WITH THE ARCHAEOLOGICAL RECORD FROM THE ANTIQUITY WITHIN THE DISTRICT PÍSEK, SOUTH BOHEMIA**  
Hiltscher, Tomáš (Prácheňské Muzeum v Písku) - Jiřík, Jaroslav (Prácheňské Muzeum v Písku; Charles University in Prague) - Pixová, Erika (Prácheňské Muzeum v Písku; University of South Bohemia in České Budějovice)
- 14:30 **GOLD-GARNET JEWELLERY OF THE LATE ANTIQUITY - CLUES FOR THE MUTUAL RELATIONSHIPS BETWEEN MEDITERRANEAN AND CENTRAL EUROPE?**  
Jiřík, Jaroslav (Institute of Archaeology, Faculty of Arts, Charles University in Prague; Prácheňské Muzeum v Písku) - Pinar Gil, Joan (University Hradec Králové) - Calligaro, Thomas (C2RMF, Louvre Paris)
- 14:45 **WHY SAILING TIMES AND MARITIME ROUTES MATTER - TWO CASE STUDIES.**  
Warnking, Pascal (Trier University; Leiza - Leibniz-Zentrum für Archäologie)
- 15:00 **NEW QUANTITATIVE MEASURES OF SAILING MOBILITY IN ANTIQUITY: OPPORTUNITIES AND CHALLENGES**  
Gal, David (University of Haifa, Department of Maritime Civilizations)
- 15:15 **AS THE WATER FLOWS: A METHOD FOR ASSESSING RIVER NAVIGABILITY IN THE PAST**  
Filet, Clara (University Bordeaux-Montaigne - France; UMR 5607 Ausonius) - Coto-Sarmiento, Maria (Urbnet - Aarhus University) - Laroche, Clément (Ea 4345 Samm)
- 15:30 **DISCUSSION SLOT**

### 393 CONTINUITY AND CHANGE IN RITUAL LANDSCAPES DYNAMICS: REUSE AND TRANSFORMATION OF PREHISTORIC RITUAL PLACES

- Room:** 67=CU028-FLG-Aula 1  
**Time:** 8:30 - 16:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Turek, Jan (Centre for Theoretical Study, Charles University, Prague) - Křišťuf, Petr (Department of Archaeology, University of West Bohemia in Pilsen) - Przybyl, Agnieszka (Institute of Archaeology, University of Wrocław) - Vale, Ana (Faculdade de Letras da Universidade Do Porto)

#### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **LONG-TERM LAND USE DYNAMICS WITHIN THE AREAS OF NEOLITHIC RITUAL PLACES IN BOHEMIA (CZECH REPUBLIC)**  
Turek, Jan (Charles University) - Křišťuf, Petr (University of West Bohemia in Pilsen)
- 9:00 **THE LONG TERM CONTINUITY OF THE NEOLITHIC RITUAL LANDSCAPE: FROM LONG BARROWS TO THE RITUAL ENCLOSURE AT VŠCHLAPY IN BOHEMIA**  
Křišťuf, Petr (University of West Bohemia) - Švejcar, Ondřej (Institute of Archaeology in Prague, Czech Academy of Sciences)
- 9:15 **OLD HOUSES AS BURIAL PLACES FOR THE DEAD?**  
Kalabková, Pavlína (Palacký University Olomouc)
- 9:30 **HILLTOP „HENGE-LIKE” MONUMENT AND BURIAL SITE FROM THE BELL BEAKER PERIOD IN LOWER AUSTRIA, POYSBRUNN**  
Czene, András (Salisbury Régészeti Kft)
- 9:45 **DIVIDING THE WORLD: SPACE FOR THE LIVING VS. SPACE FOR THE DEAD IN THE BRUSZCZEWO-ŁĘKI MAŁE REGION, 2500-1800 BC**  
Czebreszuk, Janusz - Szmyt, Marzena (Adam Mickiewicz University in Poznan)
- 10:00 **COINCIDENCE OR PRINCIPLE? THE SUCCESSION OF BARROWS AND BURIALS FROM DIFFERENT PERIODS IN A FUNERARY COMPLEX IN THE MUSZKOWICE FOREST**  
Przybyl, Agnieszka (University of Wrocław)
- 10:15 **DISCUSSION SLOT**

- 11:00 **MULTI-PHASE POLY-CULTURAL RITUAL SPACE IN EAST-CENTRAL EUROPE**  
Gašpar, Adam - Olšav, Štefan - Ruttkay, Matej - Vojteček, Marek - Cheben, Michal (Institute of Archaeology of the Slovak Academy of Sciences)
- 11:15 **UPS AND DOWNS: RECENT RESEARCH ON PREHISTORIC BURIAL MOUNDS IN THE LAKE NEUSIEDL AREA (HUNGARY)**  
Melis, Eszter - Berta, Adrián - Ekrik, Ákos (Hun-Ren Research Centre for the Humanities Institute of Archaeology) - Mrenka, Attila (Museum of Sopron) - Kiss, Viktória (Hun-Ren Research Centre for the Humanities Institute of Archaeology)
- 11:30 **CONNECTING THE PAST WITH ITS PAST: THE OVERLAP OF MEDIEVAL STEEL AND PREHISTORIC MOUNDS**  
Milosavljevic, Monika (University of Belgrade) - Grahek, Lucija (Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Archaeology) - Čaval, Saša - Škerjanec, Luka (Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Anthropological and Spatial Studies)
- 11:45 **FOLLOWING THROUGH THE MOUND CEMETERIES LANDSCAPE. THE STORY OF BARROW TRADITION SUCCESSORS FROM THE PRE-CARPATHIAN AREA**  
Makarowicz, Przemyslaw (Faculty of Archaeology, Adam Mickiewicz University in Poznań) - Rud, Vitalii (Institute of Archaeology, National Academy of Sciences of Ukraine in Kyiv) - Romaniszyn, Jan (Faculty of Archaeology, Adam Mickiewicz University in Poznań) - Ilchyslyn, Vasyl (Kremenetsko-Pochajivskii Derzhavnyi Istoriko-Arkhitekturnyi Zapovidnik) - Kochkin, Igor (Faculty of History, Politology and International Relations, Vasyl Stefanyk Precarpathian National University in Ivano-Frankivsk) - Kossakivski, Viktor (Vinnytsia State Pedagogical University) - Hildebrandt-Radke, Iwona (Department of Quaternary Geology and Palaeogeography, Faculty of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań) - Niebieszczański, Jakub (Faculty of Archaeology, Adam Mickiewicz University in Poznań)
- 12:00 **THE DYNAMICS OF THE RITUAL LANDSCAPES CHANGES IN THE NORTH PONTIC STEPPE DURING ENEOLITHIC - BRONZE AGE**  
Androsov, Andriy (Independent Researcher) - Teslenko, Dmytro (Independent Researcher)
- 12:15 **LONG-TERM SACRIFICIAL SITES OF THE DEER CULT IN EURASIA**  
Mykhailova, Nataliia (Institute of Archaeology of National Academy of Sciences of Ukraine) - Kirkinen, Tuija (University of Helsinki)

- 12:30 **THE PERSISTENCE OF MEMORY: USE, REUSE, AND COMMEMORATION OF THE ALTO DAS MADORRAS MEGALITHIC NECROPOLIS (MURÇA/ALIJÓ, PORTUGAL)**  
Sanches, Maria (Faculdade de Letras da Universidade Do Porto; CITCEM, Centro de Investigação Transdisciplinar „Cultura, Espaço e Memória“ - Unidade de I&D 4059 da FCT/FLUP) - Teixeira, Joana (CITCEM, Centro de Investigação Transdisciplinar „Cultura, Espaço e Memória“ - Unidade de I&D 4059 da FCT/FLUP; FCT, 2020.06831. Bd) - Ramos, Nuno - Sá, Manuel - Ferreira, André (Morph - Geo-Ciências, Lda. / Grupo Dryas) - Almeida, Miguel (Octopetala, Lda. / Grupo Dryas; UNIARQ - Centro de Arqueologia da Universidade de Lisboa)
- 12:45 **DISCUSSION SLOT**
- 14:00 **CONTINUITY, CHANGE, USE AND REUSE: A CONCEPTUAL CONUNDRUM SEEN FROM PERDIGÕES ENCLOSURE**  
Valera, Antonio (Era-Arqueologia, SA)
- 14:15 **THE CHALCOLITHIC ENCLOSURE OF CASTANHEIRO DO VENTO DURING THE BRONZE AGE: USE AND OBLIVION**  
Vale, Ana (University of Porto - FLUP/ CITCEM) - Cardoso, João (Nova FCSH - CHAM)
- 14:30 **CONTINUITIES AND CHANGES IN RITUAL LANDSCAPES DYNAMICS: THE REUSE AND TRANSFORMATION OF MEGALITHIC MONUMENTS IN NORTHWESTERN PORTUGAL**  
Vilas Boas, Luciano - Bettencourt, Ana - Aluai Sampaio, Hugo (University of Minho; Lab2Pt) - Almeida, Pedro (University of Minho)
- 14:45 **BEYOND BIOGRAPHIES: A MULTI-STRANDED APPROACH TO UNDERSTANDING THE PAST IN THE PAST**  
Clements, Sheridan (Cardiff University)
- 15:00 **DISCUSSION SLOT**

#### 411 WHAT ARE THE NEXT CHALLENGES FOR THE PROFESSIONAL ETHICS OF HUMAN REMAINS?

**Room:** 24=CU002-FL1-Lauree  
**Time:** 16:30 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Round table  
**Organisers:** Nilsson Stutz, Liv (Linnaeus University) - Tarlow, Sarah (University of Leicester) - Törv, Mari (University of Tartu)

#### 417 HISPANIA AND THE MEDITERRANEAN: NEW APPROACHES TO THE ANALYSIS OF SEA-AND-INLAND NETWORKS (3RD C. BC-7TH C. AD)

**Room:** 13=CU003-FL1-Nobile  
**Time:** 14:00 - 18:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Pina Buron, Maria Rosa - Colom Mendoza, Enric (Universidad Nacional de Educacion a Distancia) - Quaresma, José Carlos (Universidade Nova de Lisboa)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 LATE REPUBLICAN LOCAL MONETARY NETWORKS IN THE SOUTHWEST OF THE IBERIAN PENINSULA  
 Baeta, Alice (UNUARQ; University of Lisbon)
- 14:30 TRACING THE FIRST ROMAN PRESENCE IN THE MINING DISTRICT OF SISAPO (2ND-1ST BC): ROAD AXES AND MATERIAL EVIDENCE  
 Nieto, Miriam - Burón, M<sup>a</sup> Rosa - Prieto, Mar (UNED)
- 14:45 CERAMICS AND TRADE IN POLLENTIA (ALCÚDIA, MALLORCA, SPAIN): STUDY OF LATE REPUBLICAN AND HIGH IMPERIAL PHASES OF THE NORTHWEST HOUSE  
 Plaza Conesa, Paula (Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB; Universitat de Barcelona - UB) - Guimarães, Raquel (Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB; Universitat de Barcelona - UB; Fundação Para a Ciência e Tecnologia Fct, Lisboa, Portugal) - Si-

clari, Patrizia (Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Departamento de Prehistoria y Arqueología, Facultad de Geografía e Historia, Universidad de Sevilla) - Mas Florit, Catalina (Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB; Universitat de Barcelona - UB) - Chávez-Álvarez, Esther (Grupo de Investigación Arqhispa; Departamento de Geografía e Historia, Universidad de la Laguna - ULL) - Cau-Ontiveros, Miguel Ángel (Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB; Universitat de Barcelona - UB; Institució Catalana de Recerca i Estudis Avançats - ICREA; Chercheur Associé, Aix Marseille Univ, CNRS, CCJ)

- 15:00 CONNECTIVITY ANALYSIS BETWEEN TARRACO (TARRAGONA, SPAIN) AND ITS HINTERLAND DURING THE LATE REPUBLICAN AND EARLY EMPIRE PERIODS  
 Mateo Corredor, Daniel (University of Alicante)
- 15:15 NEW EVIDENCES OF TRADE NETWORKS BETWEEN HISPANIA AND ROME  
 Colom-Mendoza, Enric (UNED-ICAC) - Járrega-Domínguez, Ramon (ICAC)
- 15:30 SPANISH IMPORTS TO THE PORT OF OLBIA (NORTH-EAST SARDINIA)  
 Nervi, Cristina (MIM)
- 15:45 DISCUSSION SLOT
- 16:30 BEYOND THE SLIP SURFACE. AN ARCHAEOLOGICAL APPROACH TO THE MICROSTRUCTURE AND CHEMICAL COMPOSITION OF BLACK GLOSS POTTERY FROM POMPEII  
 Ortega Palacios, Clàudia (Cultura Material I Arqueometria UB, Dept. Història i Arqueologia, Universitat de Barcelona) - Madrid I Fernández, Marisol (Cultura Material I Arqueometria UB, Dept. Història i Arqueologia, Universitat de Barcelona) - G. Sinner, Alejandro (Department of Greek and Roman Studies, University of Victoria)
- 16:45 NEW PERSPECTIVES ON LEVANTINE EASTERN SIGILLATA A REVEALED THROUGH ARCHAEOLOGY  
 Madrid I Fernández, Marisol (University of Barcelona) - Regev, Dalit (Israel Antiquities Authority) - Ortega Palacios, Clàudia (University of Barcelona)

17:00 TWO CONTEXTS BETWEEN THE 4TH AND 6TH CENTURIES AD FROM MÉRIDA: STUDY OF THE CERAMIC AND GLASS TAXONOMIES IN STRATIGRAPHY  
Lopes, Martim (University Rovira i Virgili; CHAM - Centro de Humanidades)

17:15 A NEW AMPHITHEATER DISCOVERED IN AMMAIA (PORTUGAL): A PROVINCIAL MODEL  
Barrero Martín, Nova - Basarrate, Trinidad (Museo Nacional de Arte Romano) - Fabião, Carlos Jorge - Viiegas, Catarina (Universidade de Lisboa) - Carvalho, Joaquim (Fundação Cidade Ammaia) - Guerra, Amilcar (Universidade de Lisboa)

17:30 DISCUSSION SLOT

#### 460 ALTERNATIVE PATHS TO COMPLEXITY: NEW PERSPECTIVES ON LATE BRONZE AGE AND IRON AGE CENTRALISATION IN THE MEDITERRANEAN

**Room:** 49=CU006-FLG-Aula B

**Time:** 16:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** De Vos, Marcello (Sapienza University of Rome; University of Groningen) - Zamboni, Lorenzo (University of Milan) - Attema, Peter (University of Groningen) - Monti, Dario (Université Catholique de Louvain) - Scarsella, Elena (University of Cambridge)

#### ABSTRACTS

16:30 THE ARCHAEOLOGY FROM THE BIRD'S EYE VIEW. THE TRANSITIONS IN SETTLEMENT PATTERNS BETWEEN BRONZE AGE, IRON AGE IN CENTRAL ANATOLIA  
Hordecki, Jędrzej (Polish Academy of Science)

16:45 COLONIAL ENCOUNTERS: GREEK ARCHAIC SETTLEMENTS AND ECO-CULTURAL ADAPTATION IN THE WESTERN BLACK SEA  
Bivolaru, Alexandra (Ca'Foscari University)

17:00 ANOTHER LOOK AT MYCENAEAN DIMINI: ALTERNATIVE CENTRALISATION IN LATE BRONZE AGE COASTAL THESSALY  
Zeman, Piotr - Lis, Bartłomiej (Institute of Archaeology and Ethnology of the Polish Academy of Sciences)

17:15 INTEGRATING EVIDENCE: AN HOLISTIC SYSTEMS APPROACH TO CENTRALIZATION IN CENTRAL ITALY  
De Vos, Marcello (Sapienza University of Rome; University of Groningen)

17:30 THE PIEDILUCO BASIN IN THE CONTEXT OF THE GENESIS OF PROTOHISTORIC COMMUNITIES IN CENTRAL ITALY  
Zanini, Alessandro (Independent Researcher) - Virili, Carlo - Jaia, Alessandro M. (Department of Science of Antiquities, Sapienza University in Rome)

17:45 A MOUNTAIN PATH TO COMPLEXITY: THE CASE STUDY OF INNER SABINA BETWEEN THE IRON AGE AND THE ROMAN CONQUEST  
Monti, Dario (Université Catholique de Louvain)

18:00 ALTERNATIVE PATHS TO EARLY CENTRALISATION IN NORTHERN ITALY  
Zamboni, Lorenzo (University of Milan)

18:15 DISCUSSION SLOT

#### 496 FROM MICRO TO MACRO: INTEGRATING MICROMORPHOLOGY AND MICROCONTEXTUAL ANALYSES FOR ARCHAEOLOGICAL INSIGHTS

**Room:** 70=CU028-FL1-Aula 3

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Adewumi, Opeyemi (Geosciences Centre, Department of Earth Sciences, University of Coimbra; Instituto Terra e Memória, Mação; Instituto Politécnico de Tomar) - Sifogeorgaki, Irini (Human Origins Group, Leiden University, Faculty of Archaeology) - Soares, Miguel (The Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, Universidade do Algarve) - Tomé, Laura (Archaeological Micromorphology and Biomarkers Laboratory - (AMBI Lab, Instituto Universitario de Bio-Orgânica "Antonio González", Universidad de la Laguna) - Zambaldi, Maurizio (University of Coimbra, Centre of Studies in Geography and Spatial Planning, Department of Geography and Tourism, Coimbra)

#### ABSTRACTS

8:30 INTRODUCTION

- 8:45 **MICRO-SCALE PROCEDURE FOR THE INVESTIGATION OF BINDER TYPES IN HISTORIC MORTARS THROUGH COMBINED ANALYSES**  
Almeida, Luís (Hercules Laboratory, University of Évora; UNIARQ – Centre for Archaeology, School of Arts and Humanities, University of Lisbon) – Santos Silva, António – Veiga, Rosário (Buildings Department, National Laboratory for Civil Engineering) – Mirão, José (Geosciences Department, University of Évora; Hercules Laboratory, University of Évora)
- 9:00 **MULTISCALAR, MULTIPROXY APPROACHES TO UNDERSTANDING HUMAN IMPACTS IN THE HADRIAN'S WALL LANDSCAPE**  
Shillito, Lisa-Marie (Newcastle University)
- 9:15 **FIRE USE AND WASTE MANAGEMENT IN AN EARLY IRON AGE VILLAGE: CONNECTING ACTIVITY AREAS AT CERRO DE SAN VICENTE**  
Tomé, Laura (Archaeological Micromorphology and Biomarkers Laboratory – AMBI Lab, Instituto Universitario de Bio-Orgánica “Antonio González”, Universidad de la Laguna) – Iriarte, Eneko (Área de Paleontología, Departamento de Historia, Geografía y Comunicación, Facultad de Humanidades y Comunicación, Universidad de Burgos) – Blanco-González, Antonio (Research Group Prehusal, Departamento de Prehistoria, Historia Antigua y Arqueología, Facultad de Geografía e Historia, Universidad de Salamanca) – Fernández-Palacios, Enrique (Archaeological Micromorphology and Biomarkers Laboratory – AMBI Lab, Instituto Universitario de Bio-Orgánica “Antonio González”, Universidad de la Laguna) – Mallol, Carolina (Archaeological Micromorphology and Biomarkers Laboratory – AMBI Lab, Instituto Universitario de Bio-Orgánica “Antonio González”, Universidad de la Laguna; Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour – ICArEHB, Universidade do Algarve)
- 9:30 **DISCUSSION SLOT**
- 9:45 **MICRO-CONTEXTUAL APPROACH TO ANCIENT AGRICULTURE: THE CASE OF FERNOVETA (IBI, ALICANTE, SPAIN)**  
Agulló Máñez, Xavier (University of Alicante) – Gutiérrez Rodríguez, Mario (IUIAI, Universidad de Jaén) – Grau Mira, Ignasi (INAPH, University of Alicante)
- 10:00 **MICRO-ARCHAEOLOGICAL INVESTIGATIONS OF FOOD STORAGE FEATURES IN TURKEY AND THE KURDISTAN REGION OF IRAQ**  
Tumolo, Valentina (Università degli Studi della Toscana) – Maher, Lisa (University of California)
- 10:15 **DISCUSSION SLOT**

- 11:00 **UNVEILING STABLES: FROM FIELD TO MICROSCOPE. STABLING CRUSTS FROM THE MIDDLE BRONZE AGE SITE OF LA MURAIOLA DI POVEGLIANO**  
Polisca, Federico (Department of Cultural Heritage, University of Padova) – Baldan, Maela (Department of Geosciences, University of Padova) – Battistel, Dario (Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice) – Breglia, Francesco (Department of Geosciences, University of Padova) – Canti, Matthew (Historic England, Fort Cumberland, Eastney) – d'Aquino, Silvia (Department of Cultural Heritage, University of Padova) – Dal Corso, Marta (Department of Geosciences, University of Padova) – Gherardi, Francesca (Historic England, Fort Cumberland, Eastney) – Piazzalunga, Giorgio (Department of Cultural Heritage, University of Padova) – Nicosia, Cristiano (Department of Geosciences, University of Padova)
- 11:15 **MICROMORPHOLOGICAL INVESTIGATION OF HOLOCENE SLOPE DEPOSITS IN THE MIDDLE TAGUS, PORTUGAL**  
Adewumi, Opeyemi (Geosciences Centre – CGEO, Department of Earth Sciences, University of Coimbra; Instituto Terra e Memória, Mação; Instituto Politécnico de Tomar; Iphes, Institut Català de Paleoecologia Humana i Evolució Social) – Oosterbeek, Luiz (Geosciences Centre – CGEO, Department of Earth Sciences, University of Coimbra; Instituto Terra e Memória, Mação; Instituto Politécnico de Tomar) – Vallverdú I Poch, Josep (Iphes, Institut Català de Paleoecologia Humana i Evolució Social; Área de Prehistoria, Universitat Rovira i Virgili – URV) – Quinta-Ferreira, Mário (Geosciences Centre – CGEO, Department of Earth Sciences, University of Coimbra)
- 11:30 **SEDIMENTARY MICRO-FACIES AND SOIL STRATIGRAPHY OF GRAN DOLINA TD-10 (ATAPUERCA)**  
Warnitz, Lila (Iphes, Institut Català de Paleoecologia Humana i Evolució Social; Área de Prehistoria, Universitat Rovira i Virgili – URV) – Adewumi, Opeyemi (Geosciences Centre – CGEO, Department of Earth Sciences, University of Coimbra; Instituto Terra e Memória, Mação; Instituto Politécnico de Tomar; Iphes, Institut Català de Paleoecologia Humana i Evolució Social) – Martín I Perea, David (Iphes, Institut Català de Paleoecologia Humana i Evolució Social; Department of Geodynamics, Stratigraphy, and Palaeontology, Faculty of Geological Sciences, Complutense University of Madrid) – Vallverdú, Josep (Iphes, Institut Català de Paleoecologia Humana i Evolució Social; Área de Prehistoria, Universitat Rovira i Virgili – URV)

- 11:45 **MULTI-METHOD GEOARCHAEOLOGICAL APPROACHES UNTANGLE COMPLEX SITE FORMATION PROCESSES AND SOIL BIOGRAPHIES AT EARLY NEOLITHIC PEILIGANG, MIDDLE YELLOW RIVER VALLEY, CHINA**  
Ma, Zhe - Milek, Karen (Department of Archaeology, Durham University) - Li, Yongqiang (Institute of Archaeology, Chinese Academy of Social Sciences)
- 12:00 **DISCUSSION SLOT**
- 12:15 **LAYERS OF TIME: MICROMORPHOLOGICAL RECONSTRUCTIONS AT UMHLATUZANA ROCKSHELTER**  
Sifogeorgaki, Irini (Human Origins, Faculty of Archaeology, Leiden University) - Huisman, Hans (Section Archaeology, Cultural Heritage Agency of the Netherlands; Groningen Institute for Archaeology, University of Groningen) - Karkanas, Panagiotis (M.H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Schmid, Viola (Austrian Archaeological Institute, Academy of Sciences; Human Origins, Faculty of Archaeology, Leiden University; Work Group of Early Prehistory and Quaternary Ecology, Eberhard Karls Universität Tübingen; UMR 7041, Equipe Antet, Université Paris Ouest Nanterre la Défense) - Dusseldorp, Gerrit (Human Origins, Faculty of Archaeology, Leiden University; Palaeo-Research Institute, University of Johannesburg)
- 12:30 **AN INVESTIGATION OF GEOCHEMICAL PROCESSES AND STONE TOOL DIAGENESIS AT THE KATHU PAN SITE, SOUTH AFRICA**  
Amaral, Selina - Chazan, Michael - Butler, Donald (University of Toronto)
- 12:45 **DISCUSSION SLOT**
- 14:00 **REFLECTING ON THE MULTI-SCALAR (MICRO-) GEOARCHAEOLOGICAL RESEARCH: THE CASE OF ARARAT-1 CAVE (ARMENIA)**  
Oikonomou, Ioannis (Human-Environment Dynamics Laboratory, Institute of Archaeology, the Hebrew University of Jerusalem) - Karabaglidis, Theodoros (Department of Geological Engineering and Mining, University of Castilla-La Mancha) - Malinsky-Buller, Ariel (Human-Environment Dynamics Laboratory, Institute of Archaeology, the Hebrew University of Jerusalem)
- 14:15 **THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN IBERIA: NEW SEDIMENTARY AND PALEOENVIRONMENTAL DATA FROM COVA FORADADA AND LA GRIERA**  
Soares-Remiseiro, Miguel (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB, University of Algarve) - Aldeias, Vera (Interdisciplinary Centre for Archaeology and

the Evolution of Human Behaviour - ICArEHB, University of Algarve) - Morales, Juan (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV)

- 14:30 **NEANDERTHAL AND CARNIVORE INTERACTION AT ESCOURAL CAVE (SOUTHERN PORTUGAL): A MICRO-GEOARCHAEOLOGICAL APPROACH**  
Alzate, Guillermo - Barbieri, Alvise - Cascalheira, João (University of Algarve; Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, ICArEHB)
- 14:45 **REVISITING THE MADONNA DELL'ARMA CAVE (SANREMO, ITALY): NEW DATA ON NEANDERTHAL DWELLERS FROM 1960'S HERITAGE COLLECTIONS**  
Costanzo, Stefano (Dipartimento di Scienze della Terra „A. Desio“, Università degli Studi di Milano) - Zerboni, Andrea (Dipartimento di Scienze della Terra „A. Desio“, Università degli Studi di Milano) - Aldeias, Vera (The Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, Universidade do Algarve) - Starnini, Elisabetta (Dipartimento di Civiltà e Forme del Sapere, University of Pisa) - Pappalardo, Marta (Dipartimento di Scienze della Terra, Università di Pisa)
- 15:00 **DISCUSSION SLOT**
- 15:15 **DISCUSSION SLOT**

## 510 ROME'S PLACE IN AN EPONYMOUS EMPIRE

**Room:** 15=CU003-FL3-Aula XXII

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Hanson, John (University of Oxford) - Ortman, Scott (University of Colorado) - Bellviure Perez, Joel - Dominici, Corso (University of Oxford)

## ABSTRACTS

14:00 **INTRODUCTION**

14:15 **ON THE POPULATION OF ROME**  
Hanson, John (University of Oxford)

14:30 **HOW CENTRAL WAS ROME FOR ITS HINTERLAND?**  
Haas, Tymon (University of Groningen)

- 14:45 DISCUSSION SLOT
- 15:00 THE STATIONES ALONG THE SACRA VIA. WITNESSES OF MOBILITY AND REPRESENTATIVENESS OF FOREIGN COMMUNITIES IN IMPERIAL ROME  
Grazian, Andrea (Sapienza)
- 15:15 WHAT IS ROME'S ROLE IN THE TRANSFER OF ARCHITECTURAL DESIGN TO THE NORTHWESTERN PROVINCES?  
Skolik, Annika (Dai Rom)
- 15:30 DEVELOPMENT AND INEQUALITY IN ROMAN HOUSING IN BRITAIN AND ITALY  
Ortman, Scott - Harbison, Victoria - Bulik, Olivia (University of Colorado Boulder)
- 15:45 DISCUSSION SLOT
- 16:30 LATE ROMAN COIN FINDS FROM THE MINT OF ROMA ON THE LIMES OF PANNONIA SECUNDA  
Lukic, Katarina (Phd Student at the Faculty of Humanities and Social Sciences, University of Zagreb)
- 16:45 PRESTIGE AND LOCAL TRADITIONS BETWEEN ROME AND THE PROVINCES  
Christensen, Kristian (School of Classics, St Andrews University)
- 17:00 HADRIANA PALMYRA  
Bobou, Olympia - Raja, Rubina (Aarhus University; Urbnet)
- 17:15 DISCUSSION SLOT
- 17:30 RECONSTRUCTING HYBRIDITY IN ROMAN EGYPT: 'THIRD SPACE' IDENTITIES EXPLORED THROUGH THE HAWARA MUMMY PORTRAITS  
O'Brien, Louise (University of Liverpool)
- 17:45 UNDERSTANDING ROME BEYOND THE BOUNDARIES OF ITS EMPIRE. ROME IN THE CONTEXT OF THE GLOBALIZING WORLD OF ANCIENT AFRO-EURASIA  
Tevdovski, Ljuben (Institute of History and Archaeology, Goce Delcev University)
- 18:00 THE SUNK COST OF ROMAN SHIPWRECKS: A NEW VOLUMETRIC APPROACH TO QUANTITATIVE ANALYSIS OF AMPHORA CARGOES  
Bellviure, Joel (University of Oxford)
- 18:15 DISCUSSION SLOT

## 520 PERSISTING AND CHANGING WORK IDENTITIES FROM THE PREHISTORIC TO THE HELLENISTIC MEDITERRANEAN

- Room:** 29=CU002-FL1-Aula IX  
**Time:** 16:30 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Hochscheid, Helle (University College Roosevelt; Utrecht University) - Brysbaert, Ann (Leiden University; Netherland Institute at Athens) - Gorgues, Alexis (Universite Bordeaux Montaigne)

### ABSTRACTS

- 16:30 PERSISTING THROUGH CHANGE. SOCIAL IDENTITIES AND SPACE IN BRONZE AGE AEGEAN CRAFTING  
Brysbaert, Ann (Leiden University; Netherlands Institute at Athens)
- 16:45 TECHNICAL SKILL AND IDENTITIES IN THE (WESTERN) MEDITERRANEAN IRON AGE  
Gorgues, Alexis (University of Bordeaux Montaigne)
- 17:00 WORKING EVIDENCE: CHANGE AND CONTINUITY OF WOMEN'S WORK IN ARCHAIC TO HELLENISTIC ATHENS  
Hochscheid, Helle (University College Roosevelt; Utrecht University)
- 17:15 FOLLOWING THE THREADS: WOMEN'S LABOR, WEAVING, AND THE ARCHAEOLOGY OF THE ECONOMY IN CLASSICAL GREECE  
Harrington, Katherine (Aas Fellow)
- 17:30 WHO AM I? (SELF-)PRESENTATION OF CRAFTSPEOPLE ON ATTIC FUNERARY MONUMENTS OF THE 4TH CENTURY BC  
Massar, Natacha (Royal Museums of Art and History, Brussels)
- 17:45 TEMPORALITY, WORKSPACES AND IDENTITY: PROPOSAL FOR A 3D-BASED NEW APPROACH  
Lefebvre, Marie (Université Bordeaux Montaigne; Association Epon-archéo)
- 18:00 DISCUSSION SLOT
- 18:15 DISCUSSION SLOT

## 531 MAKING CONNECTIONS: TOWARDS ARCHAEOLOGICAL NARRATIVES IN CONTEMPORARY SOCIETY

**Room:** 1=CU003-EXT-CISADU

**Time:** 14:00 - 18:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Fernie, Kate (CARARE) - Corns, Anthony (Discovery Programme; 5Dculture)

### ABSTRACTS

14:00 INTRODUCTION

14:15 ARCHAEOLOGY DATA AND NON-ARCHAEOLOGICAL PROFESSIONALS: WHY DO PEOPLE NEED ARCHAEOLOGY?

Lauzikas, Rimvydas - Jovaišaitė-Blaževičienė, Indrė - Kelpšienė, Ingrida - Šuminas, Andrius (Vilnius University Faculty of Communication)

14:30 IT IS EXCAVATED AND NOW WHAT? HOW DO WE COMMUNICATE OUR DATA TO THE COMMUNITY?

Tapavicki-Ilic, Milica (Institute of Archaeology Belgrade)

14:45 ARCHAEOLOGICAL HERITAGE IN 3D AS AN EDUCATIONAL AND RESPONSIBLE DISSEMINATION TOOL: IBERIANS AND THE 5DCULTURE PROJECT

Sánchez, Alberto - Rueda, Carmen - Rísquez, Carmen (University Research Institute for Iberian Archaeology, University of Jaén) - Fuertes, José-Manuel (University Research Institute for Iberian Archaeology, University of Jaén; Department of Computer Science, University of Jaén) - Segura, Rafael-Jesús (University Research Institute for Iberian Archaeology, University of Jaén; Department of Computer Science, University of Jaén) - Rueda, Antonio-Jesús (University Research Institute for Iberian Archaeology, University of Jaén; Department of Computer Science, University of Jaén) - Lucena, Manuel (University Research Institute for Iberian Archaeology, University of Jaén; Department of Computer Science, University of Jaén) - Herranz, Ana - Moreno, Isabel - Cubero, Inmaculada (University Research Institute for Iberian Archaeology, University of Jaén)

15:00 VIRTUAL LANDSCAPES AND THEIR COMMUNITIES: DIGITAL HERITAGE FOR PRESERVATION, ENGAGEMENT AND AGENCY

Cassidy, Catherine Anne (University of St Andrews) - Aitken, Jacquie (Timespan Heritage & Arts Society) - Miller, Alan (University of St Andrews)

15:15 FRAMEWORKS FOR NARRATIVES: TOWARDS INTEROPERABILITY FOR 3D AND OTHER MEDIA

Fernie, Kate - Alkemade, Henk (CARARE)

15:30 DISCUSSION SLOT

15:45 DISCUSSION SLOT

16:30 5DCULTURE: IMPROVING THE QUALITY AND PROMOTING THE REUSE OF 3D CULTURAL HERITAGE DATA

Corns, Anthony - Shaw, Robert - O'Reilly, Rebecca - Namberi, Siva - Boyd, Hannah (The Discovery Programme)

16:45 ENGAGING WITH CLIMATE CHANGE THROUGH INTELLIGENT CHARACTERS IN HISTORIC SCENES

Miller, Alan - Chapman, Alice - Zhang, Junyu - Cassidy, Catherine Anne (University of St Andrews)

17:00 ARCHAEOLOGICAL TOOLS FOR DOCUMENTATION AND COMMUNICATION

Nilsson, Nicholas (Kalmar County Museum)

17:15 REIMAGINING PICTISH HERITAGE: INTERACTIVE DIGITAL NARRATIVES AND CONTEMPORARY CONNECTIONS

Pisani, Sharon - Miller, Alan (University of St Andrews) - Hall, Mark (Perth Museum)

17:30 FROM TRENCH TO TIME TRAVEL: IMMERSIVE 3D-RECONSTRUCTION AS A TOOL FOR PROCESSING AND MEDIATING ARCHAEOLOGICAL DATA

Erkell, Miriam - Lindahl, Mikael - Ekholm, Niklas - Ramirez, Teobaldo - Skredsvik, Andreas - Edqvist, Johanna - Nannmark, Ester (Arkeologerna SHM)

17:45 DISCUSSION SLOT



**556 EXPLORING ANCIENT SOLUTIONS FOR MODERN CHALLENGES: ARCHAEOLOGICAL INSIGHTS INTO FOOD SYSTEMS AND ADAPTATIONS TO CHANGING ENVIRONMENTS**

**Room:** 102=CNR01-FLG-Biblioteca

**Time:** 16:30 - 18:30

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Session with presentation of 6 slides in 6 minutes

**Organisers:** Depaermentier, Margaux (Vilnius University, Faculty of History, Department of Archaeology) - Kempf, Michael (University of Basel, Department of Environmental Sciences, Quaternary Geology) - Motuzaitė Matuzevičiūtė Keen, Giedre (Vilnius University, Faculty of History, Department of Archaeology) - Spengler, Iii, Robert (Max Planck Institute of Geoanthropology)

**ABSTRACTS**

16:30 INTRODUCTION

16:36 DOMESTICATING EARTH: RETHINKING THE ORIGINS OF AGRICULTURE  
Spengler, Robert (Max Planck Institute of Geoanthropology)

16:42 THE HOLOCENE CLIMATE AFFECTING ANCIENT CULTURES IN THE STEPPE BELTS OF UKRAINE  
Gerasimenko, Natalia (Taras Shevchenko National University of Kyiv)

16:48 THE MODEL AND THE BEAST: ARCHAEOLOGY IN LIGHT OF A SUSTAINABLE FUTURE  
Kempf, Michael (University of Basel)

16:54 BROOMCORN MILLET, A TAIL OF RAPID DISPERSAL IN HISTORY, ECOLOGICAL ADVANTAGES FOR FOOD SECURITY IN A WORLD OF RISING TEMPERATURES  
Zach, Barbara - Spengler, Robert (Max Planck Institut of Geoanthropology) - Fernandes, Ricardo (Max Planck Institut of Geoanthropology; Masaryk University, Brno; Princeton University)

17:00 DISCUSSION SLOT

17:06 DISCUSSION SLOT

17:12 MOUNTAINS - A LAND OF FARMING? THE EXAMPLE OF CEREAL CROPS IN THE WESTERN ALPS DURING LATE PREHISTORY  
Martin, Lucie (University of Geneva, Laboratory of Prehistoric Archaeology and Anthropology; University of Savoie Mont-Blanc, UMR 5204 Edytem)

17:18

TOWARDS A DIACHRONIC VISION OF CORSICAN CAPRINES HUSBANDRY SYSTEMS  
Fabre, Mélanie (National Museum of Natural History, UMR 7209 AASPE: Archaeozoology, Archaeobotany: Societies, Practices and Environments) - James, Hannah (Research Unit: Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry; Maritime Cultures Research Institute, Dept. of Art Sciences and Archaeology Vrije Universiteit Brussel) - Vigne, Vianney - Ranché, Christophe (National Institute for Preventive Archaeological Research - Midi Méditerranée Trace UMR 5608; Trace UMR 5608) - Istria, Daniel (Aix Marseille Univ, CNRS, La3M) - Fiorillo, Denis (National Museum of Natural History, UMR 7209 AASPE: Archaeozoology, Archaeobotany: Societies, Practices and Environments) - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry; Maritime Cultures Research Institute, Dept. of Art Sciences and Archaeology Vrije Universiteit Brussel) - Cucchi, Thomas (National Museum of Natural History, UMR 7209 AASPE: Archaeozoology, Archaeobotany: Societies, Practices and Environments) - Vigne, Jean-Denis (National Museum of Natural History, UMR 7209 AASPE: Archaeozoology, Archaeobotany: Societies, Practices and Environments) - Balasse, Marie (National Museum of Natural History, UMR 7209 AASPE: Archaeozoology, Archaeobotany: Societies, Practices and Environments)

17:24

UNRAVELING THE RELATIONSHIP BETWEEN PALEOCLIMATIC CHANGES AND BROOMCORN MILLET CULTIVATION IN NORTH-EASTERN AND CENTRAL EUROPE  
Abdrakhmanov, Meirzhan (Vilnius University, Faculty of History, Department of Archaeology) - Jacob, Jérémy (Laboratoire des Sciences du Climat et de l'Environnement) - Pokorný, Petr (Centre for Theoretical Study, Charles University & Czech Academy of Sciences) - Gauthier, Caroline (Laboratoire des Sciences du Climat et de l'Environnement) - Motuzaitė Matuzevičiūtė, Giedrė (Vilnius University, Faculty of History, Department of Archaeology)

17:30

POLY CULTURE OF CEREALS IN VILLAMAGNA (MARCHE REGION, ITALY): A RESILIENT CHOICE AT THE DAWN OF THE LATE ANTIQUE  
Carmenati, Riccardo (University of Macerata) - Fiorentino, Girolamo (University of Salento) - Perna, Roberto (University of Macerata)

17:36

FOOD SECURITY THROUGH CROP DIVERSIFICATION: FRUIT AND NUT CULTIVATION IN MEDIEVAL CENTRAL ASIA  
Mir Makhamad, Basira (Domestication and Anthropogenic Evolution Research Group, Max Planck Institute for Geoanthropology, Department of Archaeology; Ancient Oriental Studies Department, Friedrich

- Schiller University) - Spengler Iii, Robert (Domestication and Anthropogenic Evolution Research Group, Max Planck Institute for Geoanthropology, Department of Archaeology)
- 17:42 DISCUSSION SLOT
- 17:48 DISCUSSION SLOT
- 17:54 **QUINOA AND THE POLITICS OF THE NEGLECTED AND UNDER-UTILIZED CROP**  
Mcdonell, Emma (University of Tennessee, Chattanooga)
- 18:00 **LONG-LIVED LANDSCAPE MANAGEMENT IN THE LAKE TITICACA BASIN, BOLIVIA**  
Hastorf, Christine (University of California Berkeley) - Bruno, Maria (Desert Research Institute) - Capriles, José (Pennsylvania State University)
- 18:06 **"TAKE ME TO THE PAST": NEW CIRCULAR FOOD SYSTEMS FOR AN AGRICULTURAL TRANSITION FROM HISTORICAL INSIGHTS**  
Teira-Brión, Andrés (University of Oxford) - Groba, Mercedes (Eit Food; University of St. Andrews)
- 18:12 **PAST, PRESENT AND FUTURE FARMING SYSTEMS: A PERSPECTIVE FROM THE CROPREVIVE PROJECT**  
Mcclatchie, Meriel - Collins, Adam - Negrão, Sónia - Vargas Sielfeld, Sofia (University College Dublin)
- 18:18 **EXPLORING THE SPREAD OF MILLET TOWARDS NORTHERN EUROPE**  
Pospieszny, Lukasz (University of Gdansk; University of Bristol) - Depaermentier, Margaux (Vilnius University) - Kolaczek, Piotr (Adam Mickiewicz University) - Kempf, Michael (University of Basel; Vilnius University) - Motuzaitė Matuzeviciute, Giedre (Vilnius University)
- 18:24 DISCUSSION SLOT

### 569 UNEARTHING THE ECHOES OF VIOLENCE

**Room:** 2=CU003-EXT-Vetri

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Casimiro, Tania (FCSH-UNL) - Santos, Joel (University of Leicester)

### ABSTRACTS

- 8:30 INTRODUCTION

- 8:45 **VIOLENT DEATHS INTEGRATED IN THE CEMETERY AT NEOLITHIC KADRUKA-23 (UPPER NUBIA)**  
Sellier, Pascal (CNRS, UMR7206 Eco-Anthropologie; Dpt Abba Anthropologie Biologique et Bio-Archéologie) - Aoudia, Louiza (Centre National de la Recherche Préhistorique, Anthropologique et Historique- CNRpah; UMR7206, Dpt Abba Anthropologie Biologique et Bio-Archéologie)
- 9:00 **THE DEHUMANIZING VIOLENCE INDEX: AN OLD WORLD/NEW WORLD COMPARISON OF OVERKILL IN ARCHAEOLOGICAL CONTEXTS**  
Moriarty, Paul (University of Wisconsin-Milwaukee)
- 9:15 **STRUCTURAL VIOLENCE IN ANCIENT ATHENS - A BIOARCHAEOLOGICAL APPROACH**  
Liedl, Hannah - Gowland, Rebecca (Department of Archaeology, Durham University) - Buikstra, Jane (School of Human Evolution and Social Change, Arizona State University)
- 9:30 **UNEARTHING THE VICTIMS OF THE FIRST BATTLE OF THE FIRST JEWISH REVOLT AGAINST ROME**  
Aviam, Mordechai (Kinneret Institute for Galilean Archaeology, Kinneret College)
- 9:45 **THE MILITARY HOSPITAL AND CEMETERY OF SÃO JORGE CASTLE (LISBON): THE MATERIALITY OF VIOLENCE**  
Henriques, Susana (CIDEHUS)
- 10:00 **THE FINAL ACT OF THE „SPANISH ULCERA“, VITORIA, 1813. ARCHAEOLOGY, HISTORY AND MEMORY**  
Carrasco Gómez, Pablo (University of Barcelona) - Martín, Gorka (University of the Basque Country)
- 10:15 DISCUSSION SLOT
- 11:00 **NOT A PLACE FOR US. HOSTILE ARCHITECTURE AS SYSTEMIC VIOLENCE.**  
Bucchioni, Marianna (University of Bologna)
- 11:15 **SILENT AGONY - EXPLORING THE HIDDEN VIOLENCE OF SOCIAL ISOLATION AND LONELINESS**  
Santos, Joel (University of Leicester) - Casimiro, Tania (CFE-HTC Nova University of Lisbon) - Agosto, Frederico (UNUARQ - Centre for Archaeology of the University of Lisbon; CFUL - Centre of Philosophy of the University of Lisbon; FCT - Foundation for Science and Technology)
- 11:30 DISCUSSION SLOT

## 579 DIGITAL APPROACHES IN TEXTILE ARCHAEOLOGY FROM THE FIELD TO THE MUSEUM

**Room:** 68=CU028-FLG-Aula 2

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Workshop

**Organisers:** Gleba, Margarita (University of Padua) - Yvanez, Elsa (University of Copenhagen) - Shaheen, Islam (Sapienza University of Rome) - Lukesova, Hana (University of Bergen)

## 591 BEYOND THE WALLS. INTERROGATING THE WIDER LANDSCAPES OF IRON AGE COMMUNITIES IN TEMPERATE EUROPE

**Room:** 43=CU013-FL1-Careri

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Parcero-Oubiña, César (Instituto de Ciencias del Patrimonio - Incipit, Consejo Superior de Investigaciones Científicas, CSIC) - Moore, Tom (University of Durham) - González-Álvarez, David (Instituto de Ciencias del Patrimonio - Incipit, Consejo Superior de Investigaciones Científicas, CSIC)

### ABSTRACTS

8:30 INTRODUCTION

8:45 IRON AGE ON THE SURFACE. INVESTIGATING THE RURAL LANDSCAPE OF THE IRON AGE WITH NON-DESTRUCTIVE METHODS ALONG THE VÁLI-VÍZ (HUNGARY)

Gergácz, Rebeka (Hungarian National Museum; Eötvös Loránd University) - Czajlik, Zoltán - Rupnik, László (Eötvös Loránd University)

9:00 IRON AGE SETTLEMENTS BEYOND THE WALLS: NEW PERSPECTIVES FROM NORTHERN BRITAIN

McDonald, Sophie (SUERC University of Glasgow) - Hardwick, Ian - Fernández-Götz, Manuel (University of Edinburgh) - Hamilton, Derek (SUERC, University of Glasgow) - Cowley, Dave (Historic Environment Scotland)

9:15 ASSESSING ARCHAEOLOGICAL TRACES BEYOND THE WALLS OF THE HILLFORTS IN NW IBERIA: PRELIMINARY RESULTS FROM THE HINTERLAND PROJECT  
González-Álvarez, David (Institute of Heritage Sciences - Incipit, CSIC) - Parcero-Oubiña, César (Institute of Heritage Sciences - Incipit, CSIC)

9:30 THE MICRO-REGION OF BALTINAVA HILLFORTS (LATVIA): LANDSCAPE, SPACE AND CONNECTIONS  
Meinerts, Janis - Urtāns, Juris (Latvian Academy of Culture)

9:45 MONUMENTALITY AND LANDSCAPE: EXPLORING THE ROLE OF MONUMENTAL EARTHWORKS IN LATER PREHISTORIC BRITAIN  
Moore, Tom (Durham University, Department of Archaeology) - Harris, Barney (Bournemouth University) - Reynolds, Andrew (University College London)

10:00 UNDERSTANDING THE DUERO VALLEY OPPIDA THROUGH THE POLITICAL LANDSCAPE  
García Sánchez, Jesús (Archaeologyhub.CSIC)

10:15 DISCUSSION SLOT

11:00 ANCHORING ECONOMIC AND SOCIAL STRUCTURES OF RURAL COMMUNITIES (PARIS REGION, 5TH-1ST CENT. BCE)  
Quatrelivre, Carole (Christian-Albrecht Universität Zu Kiel; CNRS UMR 8546 AOroC)

11:15 TERRITORIALIZATION, HUMAN MOBILITY, AND SOCIAL INEQUALITIES IN NE IBERIA DURING THE IRON AGE: ISOTOPIC ANALYSIS FROM ULLASTRET (GIRONA, SPAIN)  
De la Fuente Seoane, Rubén (Unitat d'Antropologia Biològica, Universitat Autònoma de Barcelona) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen) - Nieto-Espinet, Ariadna (Grup d'Investigació Prehistòrica - GIP, Universitat de Lleida) - Subirà, M. Eulàlia (Unitat d'Antropologia Biològica, Universitat Autònoma de Barcelona)

11:30 DISCUSSION SLOT

## 592 DECISION-MAKING AND ASSESSING AND ARTICULATING ARCHAEOLOGICAL SIGNIFICANCE

**Room:** 43=CU013-FL1-Careri  
**Time:** 14:00 - 18:30  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Verschuur, Marjolein (Cultural Heritage Agency of the Netherlands; European Archaeological Council) - Hjaltalin, Thor (The Cultural Heritage Agency of Iceland; European Archaeological Council)

### ABSTRACTS

- 14:00 ARTICULATING SIGNIFICANCE OF ARCHAEOLOGICAL SITES  
Hjaltalin, Thor (EAC; Cultural Heritage Agency of Iceland)
- 14:15 OUTSTANDING UNIVERSAL VALUE IN WORLD HERITAGE - A USEFUL COMPARATIVE RESOURCE FOR THE ASSESSMENT OF HERITAGE SIGNIFICANCE AT NATIONAL LEVEL  
Gowen Larsen, Margaret (University College Dublin)
- 14:30 MOUNTAINS OF MEANING. ADDRESSING ARCHAEOLOGICAL SIGNIFICANCE IN AUSTRIA  
Picker, Andreas (Federal Monuments Authority Austria)
- 14:45 DISCUSSION SLOT
- 15:00 BACK TO THE FUTURE. RECOGNISING AND ASSESSING THE SIGNIFICANCE OF THE ARCHAEOLOGICAL HERITAGE AT DIFFERENT TIMES  
Makowska, Agnieszka (Polish National Institute of Cultural Heritage)
- 15:15 MECHANISM FOR LONG TERM PRESERVATION BY INVESTMENT-LED ARCHAEOLOGY IN HUNGARY  
Koller, Melinda (Hungarian National Museum) - Wollák, Katalin (Heritage Expert)
- 15:30 MANAGING SIGNIFICANCE IN ENGLISH TOWNS - STAYING, LEAVING AND ARRIVING  
Allen, Tim (Historic England)
- 15:45 DISCUSSION SLOT
- 16:30 VALUES OF THE ARCHAEOLOGICAL HERITAGE LANDSCAPE IN SWEDEN  
Nelson, Matthew (Linnaeus University)
- 16:45 A CRITICAL ANALYSIS OF THE "ARCHAEOLOGICAL ZONES" DEFINITION PROCESS IN FRANCE: THE ZONES OF PRESUMPTION OF ARCHAEOLOGICAL PRESCRIPTION  
Duval, Mélanie - Gauchon, Christophe (Edytem CNRS USMB)

17:00 DISCUSSION SLOT

## 593 WHITHER EVOLUTIONARY ARCHAEOLOGY?

**Room:** 4=CU003-BAS-Auletta  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Round table  
**Organisers:** Bortolini, Eugenio (Dept. of Cultural Heritage, University of Bologna) - Crema, Enrico (Dept. of Archaeology, University of Cambridge)

## 598 THE ARCHAEOBOTANY OF CITIES AND URBAN LANDSCAPES

**Room:** 69=CU028-FL1-Aula 5  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Riso, Federica - Livarda, Alexandra (Istituto Català de Arqueologia Classica, Tarragona) - Mueller-Bieniek, Aldona (University of Warsaw) - Rovira, Núria (Université Paul Valéry - Montpellier) - Vandorpe, Patricia (Istituto Català de Arqueologia Classica, Tarragona)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 MORTUARY FEASTING PRACTICE IN THE FIRST URBAN CENTRE IN THE NORTH LOESS PLATEAU, CHINA  
He, Yahui (Stanford University)
- 9:00 URBAN AGRO-ECOLOGY IN A POST-HITTITE WORLD: NEW EVIDENCE FROM THE CITY OF HATTAŞA  
Diffey, Charlotte (University of Oxford)
- 9:15 THE URBAN LANDSCAPE OF REGGIO EMILIA AS SHOWN BY PALYNOLOGY (I-XVI CENTURY A.D; NORTHERN ITALY)  
Furia, Elisa (University of Rome Tor Vergata; Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università di Modena e Reggio Emilia) - Capurso, Annalisa (Soprintendenza Archeologia, Belle Arti e Paesaggio Per la Città Metropolitana di Bologna e Le Province di Modena, Reggio Emilia e Ferrara, Settore Archeologia) - Cremaschi, Mauro (Department of Earth Science "A, Desio", University of Mi-

lano) - Travaglini, Alessandro (Laboratory of Aerobiology, Department of Biology, University of Rome Tor Vergata) - Mercuri, Anna Maria (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università di Modena e Reggio Emilia)

9:30 **AN ARCHAEOBOTANICAL EXPLORATION OF URBAN FOOD PRACTICES THROUGH TIME IN ROMAN ITALY**  
Riso, Federica (Institut Català de Arqueologia Classica) - Livarda, Alexandra (Institut Català de Arqueologia Classica, Tarragona)

9:45 **SAMPLING URBAN SITES FOR ARCHAEOBOTANY: INSIGHTS FROM TARQUINIA**  
Schmidt, Frijda - Marras, Gianbattista (University of Cambridge) - Marzullo, Matilde (University of Milan) - Motta, Laura (University of Michigan) - Gaveriaux, Fanny (Independent Researcher) - Stoddart, Simon (University of Cambridge)

10:00 **LATTARA: A MULTISECULAR HISTORY OF CROP PRODUCTION IN A SOUTHERN GAUL PORT BETWEEN THE IRON AGE AND THE ROMAN ERA**  
Rovira, Núria (University Paul Valéry-Montpellier 3, ASMUMR5140) - Alonso, Natàlia (University of Lleida, ARQHISTEC-GIP) - Steiner, Bigna L. (Integrative Prähistorische und Naturwissenschaftliche Archäologie-Ipna-) - Tillier, Margaux (Ipsofacto Scoop)

10:15 **DISCUSSION SLOT**

11:00 **PLANT LANDSCAPE AND PLANT USES IN THE ANCIENT CITY OF LA CARIDAD (CAMINREAL, TERUEL, NE SPAIN)**  
Alcolea, Marta - Benedí, Nerea (University of Zaragoza) - Ezquerro, Beatriz - Vicente, Jaime (Museum of Teruel) - Herrero-Otal, María (Autonomous University of Barcelona) - Tarongi, Miguel (CNRS-ISEM) - Azuara, Sara (Museum of Teruel)

11:15 **DIGGING IN THE WELLS: FOOD AND TRADE RELATIONS IN ROMAN GUISSONA**  
Baniou, Theoni - Livarda, Alexandra (Landscape Archaeology Research Group - GIAP, Catalan Institute of Classical Archaeology - ICAC; University of Rovira i Virgili) - Vadorpe, Patricia (Landscape Archaeology Research Group - GIAP, Catalan Institute of Classical Archaeology - ICAC) - Romaní, Núria (Serra Hünter Fellow, Autonomous University of Barcelona)

11:30 **WALNUTS, PINE NUTS AND DOGS. STUDY OF ANCIENT RITES IN A ROMAN VILLA OF BARCELONA THROUGH BIOARCHAEOLOGY**  
Tarongi, Miguel (Universitat de Lleida; ISEM-UMR 5554, University of Montpellier, CNRS) - Triay, Vanesa - Esqué, Miriam (Atics SI) - Bianco, Sabrina (Catalan Institute of Human Paleoecology and Social

Evolution - IPHES-CERCA) - Nadal, Jordi - Miró, Carme - Riera, Santiago (SERP- IAUB. Department of History and Archaeology, University of Barcelona)

11:45 **FOOD PLANTS AND SOCIAL DYNAMICS IN THE URBAN SETTLEMENTS OF THE NORTHERN ROMAN PROVINCES**  
Vadorpe, Patricia - Livarda, Alexandra (Institut Català d'Arqueologia Clàssica)

12:00 **ARCHAEOBOTANICAL PRELIMINARY RESULTS FROM THE HOLY SEPULCHER BASILICA (JERUSALEM, ISRAEL)**  
Cerafogli, Eleonora (Department of Environmental Biology, Sapienza University of Rome; Department of Earth Sciences, Sapienza University of Rome) - Moricca, Claudia - Masi, Alessia - Sadori, Laura (Department of Environmental Biology, Sapienza University of Rome) - Stasolla, Francesca (Department of Classics, Sapienza University of Rome)

12:15 **TO THE LOO! FRAMING PLANT DIET IN STUDIES OF THE ARCHAEOBOTANICAL REMAINS FROM LATRINES IN THE MEDIEVAL IBERIAN PENINSULA**  
Losilla, Nicolás (Departamento de Historia Medieval y Ciencias y Técnicas Historiográficas, Universidad de Granada) - Ros, Jérôme (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Pastor, Thierry (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Gilotte, Sophie (Ciham-UMR 5648, CNRS, Université de Montpellier) - García-Contreras, Guillermo (Departamento de Historia Medieval y Ciencias y Técnicas Historiográficas, Universidad de Granada) - Kirchner, Helena (Universidad Autónoma de Barcelona) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - Pluskowski, Aleks (Department of Archaeology, University of Reading)

12:30 **PLANT DIVERSITY AMONG CHRISTIAN, MUSLIM AND JEWISH COMMUNITIES IN URBAN SITES IN MEDIEVAL IBERIA**  
Peralta-Gómez, Antonio (Spanish National Research Council; Memorial-Laboratory of Biocultural Archaeology, University of Granada) - Peña-Chocarro, Leonor (Spanish National Research Council)

12:45 **DISCUSSION SLOT**

14:00 **MEDIEVAL STRONGHOLDS AND TOWNS FROM THE TERRITORY OF TODAY'S POLAND - TOWN FOUNDATION AND ARCHAEOBOTANICAL DATA**  
Mueller-Bieniek, Aldona (Uniwersytet Warszawski)

- 14:15 **URBAN WASTE FROM THE MEDIEVAL RIVER SENNE IN BRUSSELS (BELGIUM)**  
Speleers, Lien - de Cupere, Bea (Royal Belgian Institute of Natural Sciences, OD Earth and History of Life) - Deforce, Koen (Royal Belgian Institute of Natural Sciences, OD Earth and History of Life; Ghent University, Department of Archaeology) - Ghesquière, Valérie - Timmermans, Jullie (Art & History Museum – Urban.Brussels) - Van Schepdael, Nina (Royal Belgian Institute of Natural Sciences, OD Earth and History of Life) - Vrydaghs, Luc - Devos, Yannick (Archaeology, Environmental Changes & Geo-Chemistry Research Group, Vrije Universiteit Brussel)
- 14:30 **THE DIACHRONIC CHANGES OF CEREAL ISOTOPIC VALUES FROM VILNIUS CITY BETWEEN 14-18TH CENTURIES**  
Karaliute, Ruta (Lithuanian Institute of History) - Motuzaitė Matuzevičiūtė, Giedre (Vilnius University; Lithuanian Institute of History)
- 14:45 **THE MIXING BOWL: WATERLOGGED PLANT FOODS IN RIVERSIDE LISBON EARLY MODERN PERIOD ARCHAEOLOGICAL SITES**  
Rodrigues, Mariana - Bettencourt, José (Nova University of Lisbon) - Tereso, João (CIBIO – Research Centre in Biodiversity and Genetic Resources - Inbio Associate Laboratory) - Freire, Dulce (University of Coimbra) - Mendes da Silva, Inês (ERA Arqueologia SA)
- 15:00 **DISCUSSION SLOT**

### 613 **MAKING THE MOST OF WHAT WE'VE GOT: ACTIVATING MUSEUM COLLECTIONS, MONUMENTS AND BUILT HERITAGE**

**Room:** 30=CU002-FL1-Aula 101

**Time:** 8:30 - 18:30

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Ebert, Bettina - Mooney, Dawn - Hollund, Hege (Museum of Archaeology, University of Stavanger) - Walser, Joe (National Museum of Iceland) - Mödlinger, Marianne (Università degli Studi di Genova)

### ABSTRACTS

- 8:30 **FUTURE PRESERVATION OF PAST LIFE: MAKING THE MOST OF THE BIOARCHAEOLOGICAL ARCHIVE**  
Hollund, Hege (University of Stavanger)

- 8:45 **OLD BONES, NEW PROSPECTS: RESEARCH AND PRESERVATION OF IDENTIFIED SKELETONISED INDIVIDUALS FROM HISTORICAL ICELAND**  
Walser, Joe - Ómarsdóttir-Sesseljudóttir, Freyja - Konráðsdóttir, Hrónn (National Museum of Iceland)
- 9:00 **DIFFERENT ROLES AND DIFFERENT PERSPECTIVES? VALUES AND PRACTICES OF USING LEGACY COLLECTIONS IN ESTONIA**  
Torv, Mari (Archaeology Department, Institute of History and Archaeology, University of Tart)
- 9:15 **NEW ASPECTS OF ANCIENT EGYPTIAN FLAX THAT WAS NAPPING FOR MORE THAN 150 YEARS IN A MUSEUM COLLECTION IN BERLIN**  
Karg, Sabine (Free University of Berlin)
- 9:30 **UNVEILING PARCHMENT PRODUCTION PRACTICES FROM LARGE-SCALE ANALYSIS OF MALDI-TOF DATA**  
Rodriguez Palomo, Ismael (University of Cambridge) - Viñas Carón, Laura (University of Copenhagen) - Nair, Bharath - Fiddymont, Sarah (University of Cambridge) - Collins, Matthew (University of Cambridge; University of Copenhagen)
- 9:45 **THE ULTIMATE PROXY DATA? THE SIGNIFICANT RESEARCH VALUE OF RADIOCARBON DATABASES**  
Solheim, Steinar - Loftsgarden, Kjetil (Museum of Cultural History University of Oslo)
- 10:00 **GREEN HERITAGE AND THE BUILT ENVIRONMENT: RECOGNIZING AND PROTECTING LOCAL DISTINCTIVENESS IN A MEDITERRANEAN URBAN SETTING**  
Zaro, Gregory (University of Maine) - Blaće, Ante - Baraka Perica, Josipa - Jurković Pešić, Filipa (University of Zadar)
- 10:15 **DISCUSSION SLOT**
- 11:00 **MEDIEVAL MYSTERIES: REDISCOVERING LOST KNOWLEDGE AND SKILLS FOR A SUSTAINABLE FUTURE**  
Ebert, Bettina (Museum of Archaeology, University of Stavanger)
- 11:15 **THE STONES OF NIDAROS CATHEDRAL - REDISCOVERING MEDIEVAL STONE GLUE**  
Hauglid, Kjartan (Norsk Institutt for Kulturminneforskning (NIKU))
- 11:30 **HOW CAN WE ACTIVATE FORGOTTEN MONUMENTAL CHANNELS BUILD BY KING FREDERIK II IN NORTHERN ZEALAND, DENMARK?**  
Aarsleff, Esben (Museum Nordsjælland)
- 11:45 **RETHINKING ARCHAEOLOGICAL CONTEXT THROUGH ANCIENT ART COLLECTIONS: THE SCULPTURAL FURNISHING OF THE SO-CALLED CASSIO'S VILLA IN TIVOLI**  
Santarelli, Chiara (Sapienza Università di Roma)

- 12:00 **THE BRONZE STATUE OF ST. PETER ON THE TOP OF THE TRAJAN COLUMN**  
Rinaldi, Federica - Pujia, Angelica (Parco Archeologico del Colosseo) - Rivaroli, Laura (Freelance)
- 12:15 **DOCUMENTATION AND ANALYSES OF 11TH-12TH CENTURY BRONZE AND BRASS DOORS**  
Mödlinger, Marianne - Utz, Judith (Universität Salzburg) - Martin, Fera (Novetus, Austria) - Ghiara, Giorgia (Politecnico Torino)
- 12:30 **DISCUSSION SLOT**
- 12:45 **DISCUSSION SLOT**
- 14:00 **HISTORICAL ARCHAEOLOGY IN COLLECTIONS: NAVIGATING CHALLENGES AND EMBRACING OPPORTUNITIES**  
Connor, Kimberley (Stanford University)
- 14:15 **THE HISTORY OF THE CITY OF TREPOL, FOUND IN MUSEUM BOXES**  
Videiko, Mariia (Kyiv Borys Grinchenko University)
- 14:30 **THE 99%: THE AMERICAS COLLECTION AT THE BRITISH MUSEUM**  
Zborover, Danny (British Museum)
- 14:45 **STAYING WITH THE OBJECTS. UNEARTHING THE POTENTIAL OF MUSEUMS' COLLECTIONS**  
Cosic, Natalija (Shared Conservation Department, MuHO)
- 15:00 **MORE THAN STONE. BUILDING AND VISUALISING OBJECT BIOGRAPHIES FOR THE WILLENDORF II COLLECTION AT THE NATURAL HISTORY MUSEUM VIENNA**  
Posch, Caroline - Winkler, Viola (Naturhistorisches Museum Wien) - Filzwieser, Roland (Vienna Institute for Archaeological Science - VIAS) - Eichert, Stefan - Brodtmann, Nikola - Haider, Anna - Posch, Celestine (Naturhistorisches Museum Wien) - Richards, Nina (Austrian Centre for Digital Humanities and Cultural Heritage)
- 15:15 **ACTIVATING THE INACTIVE THROUGH NEW TECHNOLOGIES: GIVING THE HISTORIC PLASTER CASTS OF THE NATIONAL MUSEUM OF IRELAND A NEW LIFE**  
Bevivino, Michael Ann (The Discovery Programme; University College Dublin School of Art History and Cultural Policy) - Shaw, Robert (The Discovery Programme)
- 15:30 **PHOTARCH - AN IMAGE OF THE PAST**  
Lindskog, Daniel (Photarch)
- 15:45 **DISCUSSION SLOT**

- 16:30 **THE FIRST OPEN ACCESS DIGITAL ARCHAEOLOGICAL COLLECTION OF A STATE MUSEUM IN TÜRKIYE: DIGITIZATION OF JULIOPOLIS AND BUILDING ITS HERITAGE**  
Dolmus, Muhammed (Koç University Vehbi Koç Ankara Studies Research Centre - Ku Vekam; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab) - Büyükkarakaya, Ali (Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab; Hacettepe University, Department of Anthropology) - Sertalp, Evren (Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab; Hacettepe University, Faculty of Communication, Department of Radio, Tv and Cinema)
- 16:45 **THE SOPHISTICATION OF THE BENAHOARITAS OF LA PALMA, CANARY ISLANDS (C.II-XV AD) THROUGH A UNIQUE OBJECT (PHOTOGRAMMETRY AND MULTISPECTRAL IMAGING)**  
Fumero, Emilio - Rodríguez-Caraballo, Selene (University of la Laguna) - Álvarez-Rodríguez, Nuria - Pais-Pais, Jorge (Museo Arqueológico Benahoarita)
- 17:00 **DIALOGUES BETWEEN ANCIENT WESTERN ASIA AND US. UNTOLD STORIES FROM ITALIAN COLLECTIONS AND ARCHIVES: THE DIWA PROJECT**  
Alaura, Silvia (CNR - Consiglio Nazionale Delle Ricerche, Istituto di Scienze del Patrimonio Culturale, Roma) - Catagnoti, Amalia (Università degli Studi di Firenze) - Conti, Claudia (CNR, Istituto di Scienze del Patrimonio Culturale, Milano) - Damiano, Rossana - de Martino, Stefano - Devecchi, Elena (Università degli Studi di Torino) - Felli, Candida (Università degli Studi di Firenze) - Pedrazzi, Tatiana (CNR, Istituto di Scienze del Patrimonio Culturale, Milano) - Peyronel, Luca (Università degli Studi di Milano)
- 17:15 **WHISPERS OF CARIBBEAN ISLES: INCLUSIVE NARRATIVES FOR REDISCOVERING MAA'S PRE-COLUMBIAN ARCHAEOLOGY COLLECTIONS**  
Lobo Guerrero Arenas, Jimena - Antczak, Oliver (University of Cambridge)
- 17:30 **THE PROVENANCE RELIABILITY INDEX: SPOTLIGHTING THE IMPACT OF OBJECT HISTORIES ON OUR UNDERSTANDINGS OF THE ANCIENT WORLD**  
Neill, Liz (Boston University)
- 17:45 **DISCUSSION SLOT**

**615** **ARCHAEOLOGY OF ARCHAEOLOGY?****Room:** 17=CU003-FL3-Romeo**Time:** 14:00 - 18:30**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny**Format:** Session with keynote presentation and discussion**Organisers:** Van Wijngaarden, Gert (University of Amsterdam) - Clare, Lee (Deutsches Archäologisches Institut, Istanbul) - Waagen, Jitte (University of Amsterdam)**ABSTRACTS**

- 14:00 **ARCHAEOLOGY OF ARCHAEOLOGY AT ANCIENT TROY: THE AMSTERDAM TROY PROJECT (2018-2022)**  
Van Wijngaarden, Gert (University of Amsterdam)
- 14:15 **DUMPS AND DITCHES - PRISMS OF ARCHAEOLOGICAL PRACTICE AT KALAUREIA IN GREECE**  
Berg, Ingrid (Uppsala University)
- 14:30 **THE ARCHAEOLOGY OF ARCHAEOLOGY AT TEL AKKO, ISRAEL**  
Killebrew, Ann E. - Skinner, Jane C. (The Pennsylvania State University)
- 14:45 **REDISCOVERING ROMAN MALTA. THE MELITE CIVITAS ROMANA PROJECT AT THE DOMVS ROMANA OF RABAT (MALTA)**  
Tanasi, Davide (University of South Florida) - Cardona, David (Heritage Malta) - Lowe, Benedict (University of North Alabama) - Brown, Robert - Wilkinson, Andrew (Intercontinental Archaeology)
- 15:00 **BUILDING ON ARCHAEOLOGY OF THE 1930S AND 1960S: REINVESTIGATING THE TOWN ABOVE THE SANCTUARY OF HERA, PERACHORA**  
Lupack, Susan (Macquarie University) - Skuse, Matthew (British School at Athens) - Kassimi, Panagiota (Ephoreia of Antiquities of the Corinthia) - Sobotkova, Adela (Aarhus University) - Ross, Shawn (Macquarie University) - Weissova, Barbora (Bilkent University)
- 15:15 **ALL THE THINGS LEFT BEHIND - THE REMNANTS OF THE H. HAUPTMANN AND K. SCHMIDT EXCAVATIONS IN THE URFA-REGION, TÜRKIYE**  
Kinzel, Moritz (German Archaeological Institute Istanbul)
- 15:30 **THE CONTRIBUTION OF STATE-OF-THE-ART TECHNOLOGY TO THE ARCHAEOLOGY OF ARCHAEOLOGY APPROACH, A CASE STUDY AT TROY**  
Lanjouw, Tijm - Walsh, Alicia - Waagen, Jitte (University of Amsterdam)

- 15:45 **DISCUSSION SLOT**
- 16:30 **(RE)CONSTRUCTED POTS AT TROY: THE LOCAL POTTERY MENDERS FROM THE UNIVERSITY OF CINCINNATI EXPEDITION TO THE TROAD**  
Kramer, Jeffrey (University of Cincinnati)
- 16:45 **BUILDING ON BLEGEN: LEGACY DATA FROM MYCENAEAN ZYGOURIES**  
Hilker, Sarah (University of North Carolina at Chapel Hill)
- 17:00 **ARCHAEOLOGY OF ARCHAEOLOGY: THE CASE OF GIACOMO BONI**  
Van Kampen, Iefke (Museo Dell'Agro Veientano) - Rathje, Annette (Emeritus Associate Professor University of Copenhagen)
- 17:15 **ARCHAEOLOGY OF AN ARCHIVE - OPPORTUNITIES AND CHALLENGES. THE THECLA BASILICA IN MERIAMLIK AS A CASE STUDY**  
Krampe, Magdalena (Albert-Ludwigs-University Freiburg)
- 17:30 **APPROACHING THE ARCHAEOLOGY OF ARCHAEOLOGY AT GÖBEKLI TEPE, ŞANLIURFA, SOUTHEAST TÜRKIYE**  
Clare, Lee (German Archaeological Institute, Istanbul Department)
- 17:45 **DISCUSSION SLOT**
- 18:00 **DISCUSSION SLOT**

**629** **LIVING THROUGH CRISIS: URBAN HOUSEHOLD ARCHAEOLOGIES IN THE MEDIEVAL WORLD****Room:** 60=CU022-EXT-Serra**Time:** 14:00 - 16:00**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny**Format:** Regular session**Organisers:** Jervis, Ben (University of Leicester) - Haase, Kirstine (Museum Odense) - Radohs, Luisa (Albert-Ludwigs-Universität Freiburg) - Morton, Benjamin (University of Leicester)**ABSTRACTS**

- 14:00 **INTRODUCTION: HOUSEHOLDS AND CRISIS IN MEDIEVAL TOWNS**  
Jervis, Ben (School of Archaeology & Ancient History, University of Leicester)
- 14:15 **THE BUILT ENVIRONMENT AND ITS ROLE IN SHAPING HOUSEHOLDS AND COMMUNITIES IN LATE MEDIEVAL ENGLISH TOWNS**  
Morton, Benjamin (Cardiff University; University of Leicester)



- 14:30 INDUSTRIALISED HORTICULTURE & FOOD SECURITY: ADAPTING URBAN GARDEN SPACE FUNCTIONALITIES THROUGH CRISIS IN MEDIEVAL ENGLAND  
Evetts, Kate (University of Leicester)
- 14:45 PERIPHERAL URBAN HOUSEHOLDS IN THE MEDIEVAL CITY OF CAHOKIA, NORTH AMERICA  
Baltus, Melissa (University of Toledo) - Baires, Sarah (Eastern Connecticut State University)
- 15:00 LIVING IN STRALSUND'S QUARTIER 17- COMPARATIVE STUDIES OF HOUSEHOLDS IN A LATE MEDIEVAL QUARTER OF A NORTH GERMAN TRADING TOWN  
Radohs, Luisa (University of Freiburg)
- 15:15 ACTIVITIES, FUNCTIONS AND INNER STRUCTURES OF HOMESTEADS AT THE EARLY MEDIAEVAL STRONGHOLD POHANSKO (CZECH REPUBLIC)  
Přištáková, Michaela (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Adameková, Katarína (Institute of Archaeology, Czech Academy of Sciences) - Dresler, Petr (Department of Archaeology and Museology, Faculty of Arts, Masaryk University)
- 15:30 HOUSES AND POTTERY. A RECENTLY EXCAVATED HOUSE OF MADÏNA BALAGHÍ (BALAGUER, CATALONIA, SPAIN)  
Alcolea, Guillem - Kirchner, Helena - Collado, Andrea (Universitat Autònoma de Barcelona)
- 15:45 DISCUSSION SLOT

### 632 MULTISCALAR METHODS FOR STUDYING ANCIENT LANDSCAPE DEVELOPMENTS AND SETTLEMENT DYNAMICS IN THE CLASSICAL WORLD BETWEEN ARCHAEOLOGY AND HERITAGE MANAGEMENT

**Room:** 22=CU003-FL5-Pirrota

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Ippoliti, Mattia (Sapienza Università di Roma) - Casarotto, Anita (University of Groningen; Koninklijk Nederlands Instituut Rome) - Zamora, Mar (Universidad Autónoma de Madrid)

#### ABSTRACTS

- 14:00 INTRODUCTION

- 14:15 LANDSCAPE STRATIGRAPHY AND MULTISCALAR ANALYSIS. THE COUNTRYSIDE OF ROME AND ANCIENT LATIUM  
Ippoliti, Mattia (Sapienza Università di Roma)
- 14:30 VISUAL PERCEPTION OF CHANGING LANDSCAPES OF THE ROMAN WORLD  
Zamora, Mar (Universidad Autónoma de Madrid)
- 14:45 CHANGING LATIUM: AN EXPERIMENTAL ASSESSMENT OF LEGACY AND SURVEY DATA FOR AN ARCHAEOLOGICAL HISTORY OF CHANGING LANDSCAPES AND HERITAGE MANAGEMENT  
Della Seta, Tommaso (Rijksuniversiteit Groningen/University of Groningen; Sapienza Università di Roma) - de Paolis, Paolo (Sapienza Università di Roma)
- 15:00 THE EVOLUTION OF LANDSCAPE AND SETTLEMENT TRANSFORMATIONS IN THE 18TH MUNICIPIUM OF ROME'S SUBURBIUM: A WEIGHTED AVERAGE ANALYSIS  
Peloso, Elisa (Sapienza Università di Roma) - Fabbri, Sara (Perugia Università)
- 15:15 AN ARCHAEOGEOGRAPHICAL APPROACH OF THE TERRITORY OF GROSSETO . THE PARCEDES PROJECT  
Grosso, Simone (Université Paris 1 Pantheon Sorbonne; SDAVO)
- 15:30 SOCIAL STATUS AND IMPERIAL ALLEGIANCE: URBAN TRANSFORMATION IN SOUTHERN ETRURIA UNDER AUGUSTUS  
Cattaneo, Matteo (Sapienza Università di Roma)
- 15:45 DISCUSSION SLOT
- 16:30 THE ARCHAEOLOGICAL MAP OF THE UPPER TAMMARO VALLEY BETWEEN ARCHAEOLOGY AND HERITAGE MANAGEMENT  
Cerbone, Oriana (Univeristy of Salerno)
- 16:45 MAPPING ANCIENT LILYBAEUM. INTEGRATING DIFFERENT SPATIAL LEVELS AND DIACHRONIC PERSPECTIVES IN A 2D WEBGIS  
Güngör, Aylin - Seifert, Martina (University of Hamburg) - Griffo, Maria Grazia (Parco Archeologico di Lilibeo-Marsala) - Lobrutto, Mauro - Mandruzzato, Antonella (University of Palermo) - Occhipinti, Anna (Parco Archeologico di Lilibeo-Marsala) - Schwenn, Fabian - Thiele-O'Sullivan, Nils (University of Hamburg)
- 17:00 EXPLORING THE STRATIFIED LANDSCAPE OF WESTERN MEGARIS: THE ETHNOARCHAEOLOGICAL EXPLORATION OF AN ANCIENT GREEK CHORA  
Farinetti, Emeri (Romatreuniversity) - Anelli, Dario (University of Pavia)
- 17:15 DISCUSSION SLOT

17:30 DISCUSSION SLOT

**637 UNVEILING EURASIA'S PREHISTORIC TECHNIQUES THROUGH USE-WEAR ANALYSIS: A CROSS-CULTURAL EXPLORATION**

**Room:** 14-CU003-FL3-Simonetti

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Chen, Hong (School of Art and Archaeology, Zhejiang University of China) - Li, Weiya (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art; University of Science and Technology of China) - Mickaël, Baillet (School of Art and Archaeology, Zhejiang University of China; Faculty of Archaeology, Leiden University) - Xue, Liping (School of Art and Archaeology, Zhejiang University of China)

**ABSTRACTS**

14:00 INTRODUCTION

14:15 **THE SURVIVAL OF THE PERISHABLE. UP GROUND STONE TOOLS INFORM ABOUT IDENTIFICATION AND CHARACTERIZATION OF BEHAVIORALLY RELEVANT PLANT TRANSFORMATIVE POTENTIAL**

Longo, Laura - Cagnato, Clarissa (Ca' Foscari University of Venice) - Veronese, Mauro (University of Padua) - Sorrentino, Giusi - Parisatto, Matteo (Ca' Foscari University of Venice) - Birarda, Giovanni - Vaccari, Lisa - Longo, Elena (Elettra Sincrotrone Trieste) - Marcomini, Antonio - Badetti, Elena (Ca' Foscari University of Venice)

14:30 **ABOUT DESIGN, USE, AND HAFTING OF CHÂTELPERRONIAN POINTS AND KNIVES. A COMBINATION OF USE-WEAR, RESIDUES, MORPHO-FUNCTIONAL ANALYSIS AND EXPERIMENTAL APPROACH**

Baillet, Mickael (School of Art and Archaeology, Zhejiang University; Faculty of Archaeology, Leiden University) - Aleo, Alessandro (Faculty of Mechanical Engineering, Delft University of Technology)

14:45 **DECONSTRUCTING LITHICS: INTEGRATING TECHNOLOGICAL, DESIGN AND FUNCTIONAL APPROACHES TO THE LITHIC INDUSTRIES FROM YAHUAI CAVE, GUANGXI PROVINCE, SOUTH CHINA**

Chen, Hong - Li, Yao (School of Art and Archaeology, Zhejiang University) - Xie, Guangmao (Guangxi Institute of Cultural Relics Protection and Archaeology)

15:00 **THE USE-WEAR ANALYSIS OF DOLOMITE MICROBLADE AT SHUIDONGGOU LOCALITY 12**

Zeng, Chenru (Wuhan University) - Gao, Xing (Institute of Vertebrate Paleontology and Paleoanthropology; University of Chinese Academy of Sciences)

15:15 **ASSESSING THE APPLICATION OF DIGITAL 3D MICROSCOPE FOR FUNCTIONAL ANALYSIS ON SHELL TOOLS: A COMPLEMENTARY APPROACH**

Tumung, Laxmi (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria; Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Chaniotaki, Evangelia (Sezione di Scienze Preistoriche e Antropologiche, Dipartimento di Studi Umanistici, Università degli Studi di Ferrara,- Ollé, Andreu (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Dept. Història i Historia de L'Art, Universitat Rovira i Virgili)

15:30 DISCUSSION SLOT

15:45 DISCUSSION SLOT

16:30 **TRACING MIDDLE BRONZE AGE DAGGER BIOGRAPHIES IN MAINLAND GREECE, CRETE, AND CYPRUS**

Tripodi, Paolo (Ludwig-Maximilians-Universität München - LMU)

16:45 **EXPERIMENTAL ARCHAEOLOGY AND USE-WEAR ANALYSIS BASED ON THE TORTOISE SHELLS FROM TAIJISI SITE**

Lu, Yongming (Zhejiang University)

17:00 **AN EXPERIMENTAL INVESTIGATION OF THE GROUND STONE KNIVES AND SICKLES IN SOUTH CHINA DURING THE LATE NEOLITHIC AND BRONZE AGE**

Xue, Liping - Chen, Hong (School of Art and Archaeology, Zhejiang University) - Chen, Minghui (Zhejiang Provincial Institute of Cultural Relics and Archaeology)

17:15 **A PRELIMINARY TECHNO-FUNCTIONAL ANALYSIS OF LIANGZHU CULTURE DRILLS FROM ZHONGJIACUN SITE IN SOUTH CHINA**

Guo, Yunhao (Zhejiang University)

17:30 **FROM LIGHT TO DARK: TRACEOLOGICAL INVESTIGATION TO UNDERSTAND THE NEOLITHIC OCCUPATION AT MORA CAVORSO**

Petrinelli Pannocchia, Cristiana (University of Pisa) - Vassanelli, Alice (Department of Civilizations and Forms of Knowledge\_University of Pisa) - Lunardi, Anna (Independent Researcher) - Rolfo, Mario (Department of History, Humanities and Society, University of Rome "Tor Vergata")

17:45 THE ZHANGJIASHAN SITE AS A WORKSHOP FOR MAKING KNAPPED STONE TOOLS FOR JADE PRODUCTION: AN USE-WEAR PERSPECTIVE  
Ning, Yuxin (Zhejiang University)

18:00 DISCUSSION SLOT

**650** **DISAPPEARED AND FORGOTTEN: NAZI CONCENTRATION SUB-CAMPS, FORCED LABOUR CAMPS, AND OTHER TYPES OF CAMPS AS NEGLECTED ARCHAEOLOGICAL AND HERITAGE SITES**

**Room:** 68=CU028-FLG-Aula 2

**Time:** 14:00 - 18:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Váreka, Pavel (University of West Bohemia) - Carr, Gilly (University of Cambridge) - Theune, Claudia (University of Vienna) - Konczewski, Paweł (Wrocław University of Environmental and Life Sciences)

**ABSTRACTS**

14:00 INTRODUCTION

14:15 TOPOGRAPHY OF MASS EXTERMINATION - INTELLIGENZAKTION, T-4 AND INTERNMENT CAMPS

Kobialka, Dawid (Uniwersytet Łódzki) - González-Ruibal, Alfredo (Heritage Studies of the Spanish National Research Council) - Kostyrko, Mikołaj (Independent Researcher) - Czarnik, Michał (Institute of Archaeology, University of Rzeszów) - Wysocka, Joanna (Department of Anthropology Hirsfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences) - Kowalczyk, Zuzanna (Faculty of Archaeology, Adam Mickiewicz University in Poznań) - Torlop, Piotr (Independent Researcher) - Martínez Barrio, Candela (Independent Researcher) - Rennwanz, Joanna (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

14:30 THE FORCED LABOUR CAMPS IN KIRCHBICHL (TYROL) AS PART OF THE UTILISATION OF AUSTRIAN HYDROPOWER FOR THE GERMAN WAR INDUSTRY

Hinterndorfer, Peter (Universität Wien)

14:45 THE INTERNATIONAL HOLOCAUST REMEMBRANCE ALLIANCE CHARTER FOR SAFEGUARDING SITES: ITS APPLICATION TO NAZI SUBCAMPS EXPLORED

Carr, Gilly (University of Cambridge)

15:00 COMPLEX GEOPHYSICAL SURVEY OF THE ROMA INTERNMENT CAMP IN LETY FROM 1942-1943 (CZECH REPUBLIC)

Vágrner, Michal (MUNI - Ústav Archeologie a Muzeologie) - Váreka, Pavel (University of West Bohemia)

15:15 HIDDEN TOTALITARIAN HERITAGE: NAZI CONCENTRATION SUB-CAMPS, PRISONER OF WAR CAMPS AND LABOUR CAMPS IN THE LOWER SILESIA FORESTS (POLAND)

Konczewski, Paweł - Biel, Radosław - Biernacka, Katarzyna - Kwiatkowska, Barbara - Szczurowski, Jacek - Bernacka, Natalia - Gałdyn, Natalia (Wrocław University of Environmental and Life Science, Department of Anthropology) - Sady-Bugajska, Agata (Independent Researcher) - Orlicki, Łukasz (Independent Researcher)

15:30 THE CAMP AND THE CITY. KL PLASZOW'S HERITAGE IN CONTEMPORARY KRAKOW'S LANDSCAPE

Karski, Kamil (KI Plaszow Museum)

15:45 DISCUSSION SLOT

16:30 „VIRTUAL” ARCHAEOLOGY - A VISIT TO THE CONCENTRATION CAMP IN NOVÁ ROLE

Hlavenka, Pavel - Váreka, Pavel (University of West Bohemia, Pilsen)

16:45 THE WARSAW GHETTO AS A PLACE OF PERSECUTION AND EXTREMATION OF JEWS IN THE LIGHT OF ARCHAEOLOGICAL RESEARCH IN 2021-2022

Konik, Jacek (Pultusk Academy of Humanities - Vistula University; Museum of Independence in Warsaw)

17:00 ARCHAEOLOGY OF THE HOLÝŠOV (HOLLEISCHEN) CAMP COMPLEX. CONTRIBUTION TO THE STUDY OF THE INTERCONNECTION OF NAZI CAMPSCAPE AND WAR PRODUCTION

Váreka, Pavel - Netolický, Petr - Váreková, Zdenka (University of West Bohemia) - Vágrner, Michal (Masaryk University)

17:15 THE SONDERLAGER OF STALAG X B SANDBOSTEL - ARCHAEOLOGICAL RESEARCH IN AN EXTERNAL PART OF A PRISONER-OF-WAR CAMP

Luick, Lorenz - Eckert, Lukas (University of Hamburg) - Ehresmann, Andreas (Sandbostel Camp Memorial) - Hesse, Stefan (Office for Archaeology of the District of Rotenburg - Wümme) - Schumann, Robert (University of Hamburg)

17:30 DISCUSSION SLOT

**657 TEACHING AND LEARNING ARCHAEOLOGY WITH DIGITAL TOOLS****Room:** 29=CU002-FL1-Aula IX**Time:** 8:30 - 13:00**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps**Format:** Regular session**Organisers:** Waagen, Jitte (University of Amsterdam) - Masriera Esquerra, Clara (Universitat Autònoma de Barcelona) - Feuser, Stefan (University of Bonn) - Wollentz, Gustav (Nordic Centre of Heritage Learning and Creativity Ab) - Mickleburgh, Hayley (University of Amsterdam)**ABSTRACTS**

8:30 INTRODUCTION

8:45 EVALUATING VIRTUAL REALITY AS A LEARNING ENVIRONMENT

Waagen, Jitte (University of Amsterdam)

9:00 UNDERSTANDING ANCIENT WORLDS - THE USE OF VIRTUAL REALITY IN UNIVERSITY TEACHING

Lang, Matthias - Kluge, Philippe (BCDH, University of Bonn) - Feist, Sabine - Feuser, Stefan (Department for Classical Archaeology, University of Bonn)

9:15 SERIOUS GAMES AND CULTURAL HERITAGE. VIRTUAL REALITY (VR) AND HEAD MOUNTED DISPLAYS (HMD) IN THE MUSEUMISATION OF ROCA DEL BOUS

Roda Gilabert, Xavier (Departament de Prehistòria. Universitat Autònoma de Barcelona; CASES - Culture, Archaeology, and Socio-Ecological Dynamics Group. Departament d'Humanitats, Universitat Pompeu Fabra) - Martínez-Moreno, Jorge (Departament de Prehistòria. Universitat Autònoma de Barcelona) - González Marcén, Paloma - Mora Torcal, Rafael (Departament de Prehistòria, Universitat Autònoma de Barcelona)

9:30 DIG, STUDY-GAME, REPEAT. AN ARCHAEOLOGICAL SIMULATOR AS A TEACHING TOOL FOR THE DEVELOPMENT OF METHODOLOGICAL SKILLS

Venco, Veronica (University of Sassari) - Magnini, Luigi (Ca' Foscari University Venice) - Milanese, Marco (University of Sassari)

9:45 LOOK CLOSER: UNCOVERING THE AFFORDANCES OF 3D DATA IN LEARNING AND COMMUNICATION

Pantos, Alexis (Museum of Cultural History University of Oslo) - Sztal, Alexandra (Muzeum Narodowe W Lublinie) - Andreassen, Ingvild - Van

Riel, Sjoerd (Museum of Cultural History University of Oslo) - Cyran, Marta (Muzeum Narodowe W Lublinie) - Kimball, Justin (Museum of Cultural History University of Oslo)

10:00 OLD IDEAS AND NEW WAYS TO RECREATE HISTORY. LITHUANIAN EDUCATION EXPERIENCES

Zilinskaite, Agne (Vilnius University; Association of Lithuanian Archaeology) - Puzariene, Kristina (Centre for Local Land Cognition and Research) - Briedis, Paulius (School of Robotics)

10:15 DISCUSSION SLOT

11:00 DIGGING FOR GAMING. A GAME BASED APPROACH TO THE DAILY LIFE OF ARCHEOLOGICAL RESEARCH

Caloi, Luca (University of Sassari) - Magnini, Luigi (Ca' Foscari University Venice) - Milanese, Marco (University of Sassari)

11:15 EYE-TRACKING IN ARCHAEOLOGICAL EDUCATION: HOW RESEARCH ON THE VISUAL PERCEPTION OF ARCHAEOLOGICAL REMAINS MAY ENHANCE ARCHAEOLOGICAL TEACHING

Michalik, Tomasz - Zielińska, Dobrochna (University of Warsaw)

11:30 OPEN INVESTIGA.EDU - ARCHAEOLOGY REACHES RURAL SCHOOLS WITH DIGITAL MEDIA

Masriera-Esquerra, Clara - Bonet-Peláez, Anna - González-Marcén, Paloma - Pinto-Font, Laura (Universitat Autònoma de Barcelona)

11:45 ONLAAH MOOC: ONLINE EDUCATION IN AFRICAN ARCHAEOLOGY AND HERITAGE

Fonseca, Sofia (Teiduma, Consultancy on Heritage and Culture; German Archaeological Institute; ICArEHB, Algarve University)

12:00 ARCHAEOLOGICAL EDUCATION THROUGH DIGITAL TOOLS: CHALLENGES, OPPORTUNITIES AND CRITICISMS

Pyrgaki, Marie (1 Dr. Pyrgaki Marie Université Paris I, Panthéon-Sorbonne; 2 Cons. Prof. Hellenic Open University)

12:15 NOT JUST ANOTHER BRICK IN THE 3D WALL: BRINGING ACCESSIBLE 3D SCANNING METHODOLOGIES AND DATA MANAGEMENT INTO THE ARCHAEOLOGY CLASSROOM

Montfroofj, Max - Revello Lami, Martina (Leiden University)

12:30 MARE CYPRIUM: MULTIMEDIA APPLICATIONS FOR CYPRIOT MARITIME CULTURAL HERITAGE

Secci, Massimiliano - Demesticha, Stella - Katsouri, Irene (University of Cyprus)

12:45 DISCUSSION SLOT

- 666 THE IMPACT OF DIGITAL METHODS IN BIOARCHAEOLOGY AND PALEOANTHROPOLOGY: INNOVATIVE APPLICATIONS AND TECHNOLOGICAL ADVANCES**
- Room:** 42=CU005-BAS-Aula 3  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Bantavanou, Panagiota - Ganiatsou, Elissavet (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Arnaud, Julie (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Buzi, Costantino (Catalan Institute of Human Paleoecology and Social Evolution - IPHES-CERCA; Department of History and History of Art, Universitat Rovira i Virgili) - del Bove, Antonietta (Department of History and History of Art, Università Rovira i Virgili)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **NEANDERTHAL OR NOT? THE OCCIPITAL BONE FROM THE MIDDLE PALAEOLITHIC SITE OF CIOTA CIARA (PIEDMONT, ITALY)**  
 Arnaud, Julie (Sezione di Scienze Preistoriche e Antropologiche - Dipartimento di Studi Umanistici, Università degli Studi di Ferrara; UMR 7194 HNHP, MNHN-UPVD, Département Homme et Environnement, Musée de L'Homme) - Frittitta, Riccardo (Sezione di Scienze Preistoriche e Antropologiche - Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Profico, Antonio (Dipartimento di Biologia, Università di Pisa) - Grimaud-Hervé, Dominique - Vialet, Amélie (UMR 7194 HNHP, MNHN-UPVD, Département Homme et Environnement, Musée de L'Homme) - Berruti, Gabriele L.F. - Daffara, Sara - Arzarello, Marta (Sezione di Scienze Preistoriche e Antropologiche - Dipartimento di Studi Umanistici, Università degli Studi di Ferrara)
- 9:00 **THE BONY LABYRINTHS FROM MOITA DO SEBASTIÃO (PORTUGAL, FIRST INSIGHTS INTO THE MESOLITHIC VARIABILITY USING PALEOIMAGING)**  
 Coutinho Nogueira, Dany - Pujol Arbona, Marina (CIAS - Research Centre for Anthropology and Health, University of Coimbra) - Umbelino, Cláudia (CIAS - Research Centre for Anthropology and

Health, University of Coimbra; ICArEHB - Interdisciplinary Centre for Archaeology and the Evolution of Human Behavior, University of Algarve)

- 9:15 **ENHANCING AGE ESTIMATION IN MODERN HUMAN SUBADULT: A GEOMETRIC MORPHOMETRIC APPROACH**  
 Buzi, Costantino (Catalan Institute of Human Paleoecology and Social Evolution - IPHES-CERCA; Universitat Rovira i Virgili) - Chakraborty, Tannistha (Università degli Studi di Ferrara; University of Central Florida) - Arnaud, Julie (Università degli Studi di Ferrara)
- 9:30 **AN EXPLORATION OF NLP AND NER FOR ENHANCED SEARCH IN OSTEOARCHAEOLOGICAL AND PALAEOPATHOLOGICAL TEXTUAL RESOURCES**  
 Lien-Talks, Alphaeus (University of York; Historic England; Archaeology Data Service)
- 9:45 **INTERPOLATING THE PAST: BRIDGING GAPS IN ISOTOPIC SEQUENCES FOR COMPREHENSIVE DIETARY RECONSTRUCTIONS FROM INCREMENTAL DENTINE ANALYSIS**  
 Ganiatsou, Elissavet - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- 10:00 **MORPHOMETRIC ANALYSIS AND MACHINE LEARNING FOR INTERPRETATION OF CREMATION FUNERARY PRACTICE**  
 Bouso, Monica (Universitat de Lleida) - Monetti, Lisa (Drew University)
- 10:15 DISCUSSION SLOT
- 11:00 **AGE ESTIMATION OF HUMAN INDIVIDUALS (MICROAGE): SUPERVISED MACHINE LEARNING TOOL FOR BONE HISTOMORPHOMETRY**  
 Bantavanou, Panagiota - Souleles, Angelos (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Moraitis, Konstantinos (Department of Forensic Medicine and Toxicology, National and Kapodistrian University of Athens) - Valakos, Efstratios (Department of Biology, National and Kapodistrian University of Athens) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- 11:15 **MULTIMODAL EXPLORATION OF ANCIENT TEETH DENTIN MICROANATOMY USING TRADITIONAL HISTOLOGY AND HIGH-RESOLUTION IMAGING TECHNIQUES**  
 Trocchi, Martina (Sapienza University of Rome) - Galbusera, Alessia (Department of Odontostomatological and Maxillofacial Sciences,

Sapienza University of Rome; Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music, University of Padua) - Cognigni, Flavio (Department of Basic and Applied Sciences for Engineering – SBAI, Sapienza University of Rome) - Bondioli, Luca (Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music, University of Padua) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Evolutionary Anthropology, University of Vienna; Department of Genetics, Harvard Medical School) - Rossi, Marco (Department of Basic and Applied Sciences for Engineering – SBAI, Sapienza University of Rome; Research Centre On Nanotechnologies Applied To Engineering – CNIS, Sapienza University of Rome) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Capuani, Silvia (National Research Council-Institute for Complex Systems Isc CNR, Department of Physics, Sapienza University of Rome; Enrico Fermi Study and Research Centre)

- 11:30 **DEEP LEARNING ASSISTED SEGMENTATION OF CT-SCANNED ANCIENT BONES**  
Vanderesse, Nicolas (PACEA, UMR 5199) - Colombo, Antony (Archéosciences Bordeaux, UMR 6034; Ecole Pratique des Hautes Etudes) - Clément, Michaël (Labri, UMR 5800) - Bizon, Nolan (Enseirb-Matmeca) - Kuo, Sharon (Department of Biomedical Sciences, University of Minnesota Duluth) - Ryan, Timothy (Department of Anthropology, the Pennsylvania State University)
- 11:45 **CONTRASTING MAGNETIC RESONANCE IMAGING AND COMPUTERIZED TOMOGRAPHY IN PALEONEUROLOGY: A COMPARATIVE ANALYSIS**  
Frittitta, Riccardo (Sezione di Scienze Preistoriche e Antropologiche - Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Profico, Antonio (Dipartimento di Biologia, Università di Pisa) - Arnaud, Julie (Sezione di Scienze Preistoriche e Antropologiche - Dipartimento di Studi Umanistici, Università degli Studi di Ferrara; UMR 7194 – HNHP- Département Homme et Environnement, Muséum National d'Histoire Naturelle)
- 12:00 **DISCUSSION SLOT**
- 12:15 **DISCUSSION SLOT**

## 669 OTTOMAN-ERA/HISTORICAL ARCHAEOLOGY: MATERIALS AND METHODS IN CONTEXT

- Room:** 7=CU003-FL1-Aula II  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Moudopoulos-Athanasίου, Faidon (Catalan Institute of Classical Archaeology) - Vionis, Athanasios K. (University of Cyprus)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **LARISSA DURING THE OTTOMAN PERIOD; EXPLORING THE CITY'S NETWORK TIES THROUGH THE MATERIAL REMAINS**  
Thamnopoulou, Anastasia (University of Bonn)
- 9:00 **UNVEILING BUCHAREST'S OTTOMAN LEGACY: ARCHAEOLOGICAL INSIGHTS INTO BUCHAREST'S HISTORIC INNS**  
Gavrila, Elena - Motei, Raluca-Iuliana - Pîrvulescu, Dan (Bucharest Municipality Museum)
- 9:15 **SETTLEMENT FROM THE OTTOMAN-ERA (XV-XVII CENTURY) NEAR THE VILLAGE OF TARNAYANE, VIDIN REGION**  
Stalev, Konstantin - Vasileva, Elena (Naim-Bas)
- 9:30 **A GLIMPSE OF OTTOMAN SOFIA THROUGH POST-MEDIEVAL GLASS**  
Nikolova, Veronika (Bulgarian Academy of Sciences)
- 9:45 **SMOKING PIPES AND OTTOMAN LANDSCAPE: THE EXAMPLE OF UPPER MESOPOTAMIA**  
Guedeau, Nolwenn (Bonn University; Aix-Marseille University)
- 10:00 **MILETUS WARE: A RECONSIDERED VIEW**  
Dikkaya, Fahri (TED University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **A NETWORK OF CONSUMPTION: THE DISTRIBUTION OF ORIENTAL DECORATIVE CERAMICS IN HUNGARY AND THE BALKANS DURING THE OTTOMAN PERIOD**  
Komori, Tünde (Central European University)

- 11:15 VOICES FROM AFAR: THE POST-MEDIEVAL AND OTTOMAN PERIOD BURIALS AT THE MONASTERY OF AYIA NAPA, CYPRUS  
Christofi, Polina (Department of Antiquities, Cyprus; „Saint Epiphani- os“ Cultural Academy, Institute of Studies Research and Culture)
- 11:30 MAPPING THE OTTOMAN BALKANS: BUILDING A SPATIAL DATABASE OF ARCHAEOLOGICAL RECORD FROM THE OTTOMAN PERIOD IN BULGARIA  
Kirilov, Chavdar (Sofia University) - Staykov, Vladimir (National Ar- chaeological Institute with Museum - Bulgarian Academy of Sciences) - Darakchieva, Maria (Sofia University)
- 11:45 THE STATUS OF ANTIQUITIES IN THE OTTOMAN EMPIRE  
Lekka, Anna (Greek Ministry of Culture)
- 12:00 INTER-IMPERIALITY AND HERITAGE: COLLECTING AND DISPLAYING ARTEFACTS IN MID-19TH CENTURY ROMANIA  
Coman, Roxana (inherit - Heritage in transformation | Käte Hamburg- er Kolleg | Humboldt University of Berlin)
- 12:15 TEKES AND TÜRBES IN EVROS REGION. BETWEEN MATERIALITIES AND LIVED COMMUNITIES  
Mylonelis, Ioannis (Aristotle University of Thessaloniki)
- 12:30 GLOBAL INTERACTIONS IN THE LATE OTTOMAN AND BRITISH MANDATE BOSNIAN COASTAL TOWN OF CAESAREA MARITIMA, PALESTINE  
Eger, Asa (University of North Carolina-Greensboro)
- 12:45 DISCUSSION SLOT

## 696 PREVENTIVE ARCHAEOLOGY IN EUROPE: CONTEXT OF EXERCISE, METHODS AND WORKING CONDITIONS

**Room:** 56=CU033-FL2-Baroni

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Salas Rossenbach, Kai (Institut National de Recherches Archéologiques Préventives) - Stäuble, Harald (Archaeological Herit- age Office of Saxony) - Marx, Amala (Institut National de Recherches Archéologiques Préventives)

### ABSTRACTS

- 8:30 A MATTER OF SCALES; THE DUTCH PRACTICE  
Muller, Axel (RAAP)

- 8:45 ARCHAEOLOGICAL HERITAGE IN FRANCE: MITIGATION AND WORK PRACTICES IN THE 21ST CENTURY  
Peake, Rebecca (Inrap - National Institute for Preventive Archaeolog- ical Research; UMR 6298 Arthehis) - Marcigny, Cyril (Inrap - Na- tional Institute for Preventive Archaeological Research; UMR 6566 CREA AH)
- 9:00 „CISAP : AN INRAP TEAM DEVOTED TO THE STUDY OF UNDERGROUND ARCHAEOLOGICAL STRUCTURES“ IN COLLABORATION WITH CHRISTOPHE TARDY, INRAP  
Dolbois, Jérémy (Inrap - National Institute for Preventive Archaeolog- ical Research)
- 9:15 EXPERIENCES AND CHALLENGES OF ARCHAEOLOGICAL INVESTIGATIONS OF A GAS PIPELINE ROUTE IN LITHUANIA  
Zabiela, Gintautas (Institute of Baltic Region History and Archaeology, Klaipeda University)
- 9:30 ARCHAEOLOGY BETWEEN HERITAGE, SCIENCE AND POLITICAL-ECONOMIC INTERESTS: TWO CASE STUDIES FROM SAXONY, GERMANY  
Kretschmer, Saskia (Archaeological Heritage Office Saxony)
- 9:45 CENTRAL GERMANY - SAXONY-ANHALT: A REGION IN TRANSITION  
Friederich, Susanne (Landesamt für Denkmalpflege und Archäologie Sachsen-Anhalt)
- 10:00 PREVENTIVE CONSERVATION OF ARCHAEOLOGICAL MONUMENTS IN BAVARIA  
Berg, Stefanie (Bayerisches Landesamt für Denkmalpflege)
- 10:15 DISCUSSION SLOT
- 11:00 DEVELOPMENT-LED ARCHAEOLOGY IN THE FORMER CZECHOSLOVAKIA. DIFFERENT PATHS OF CZECH AND SLOVAK REPUBLIC  
Antal, Robert (Institute of Archaeology of the Czech Academy of Sciences, Brno)
- 11:15 SOCIAL-EPISTEMOLOGICAL REFLECTION ON ACADEMIC AND PREVENTIVE ARCHAEOLOGY  
Novakovic, Predrag (University of Ljubljana)
- 11:30 CONTRACT ARCHAEOLOGISTS IN GREECE: THEIR PLACE AND ROLE IN THE DOMESTIC PROCESS OF ARCHAEOLOGICAL PRODUCTION.  
Daravigka, Klea (Aegean University)
- 11:45 LIMITS AND POTENTIALITY OF PREVENTIVE ARCHAEOLOGY IN SICILY  
Valbruzzi, Francesca (Museo Interdisciplinare di Messina; Confeder- azione Italiana Archeologi - Sicilia) - Giannitrapani, Enrico (Arkeos

– Servizi Integrati Per I Beni Culturali S.C; Confederazione Italiana Archeologi – Sicilia; Dipartimento Culture e Società, Università di Palermo)

- 12:00 **ARCHAEOLOGY AND DEVELOPMENT: A POSSIBLE BINOMIAL**  
Pennisi, Ghiselda - Nicoletti, Rossella (Associazione Nazionale Archeologi - ANA) - Draìà, Eleonora (Università Telematica Internazionale Uninettuno) - Palazzolo, Grazia (Independent Researcher) - Manenti, Marco (Independent Researcher) - Arena, Andrea (Independent Researcher)
- 12:15 **PREVENTIVE ARCHEOLOGY OR RESCUE ARCHEOLOGY? CASE STUDY FROM BUCHAREST ROMANIA**  
Ignat, Theodor Aurelian - Majuru, Adrian (Bucharest Municipality Museum)
- 12:30 **MORE THAN 30 YEARS OF DEVELOPMENT-LED ARCHAEOLOGY IN ROMANIA: A SWOT ANALYSIS ABOUT OPPORTUNITIES, CHALLENGES, CONSTRAINTS AND BENEFITS**  
Bors, Corina - Damian, Paul (National History Museum of Romania - MNIR)
- 12:45 **DISCUSSION SLOT**

**697 HUMAN-ENVIRONMENT INTERACTIONS IN EUROPEAN CALCAREOUS LANDSCAPES DURING THE PLEISTOCENE AND HOLOCENE**

**Room:** 28=CU002-FL1-Aula VIII

**Time:** 16:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Branch, Nicholas (University of Reading) - Negrino, Fabio (University of Genoa) - Law, Matt (Bath Spa University) - Moore, Pete (University of Reading)

**ABSTRACTS**

- 16:30 **INTRODUCTION**
- 16:45 **DO CALCAREOUS LANDSCAPES MAKE A DIFFERENCE? ARCHAEOLOGICAL VISIBILITY IN THE LIGURIAN ARC BETWEEN PLEISTOCENE AND HOLOCENE**  
Negrino, Fabio (University of Genoa)

17:00 **HUMAN ENVIRONMENTAL DYNAMICS THROUGH STABLE ISOTOPIC ANALYSIS OF CAVE SEDIMENTS**

Lattaò, Virginia (Geosciences Centre, University of Coimbra; University of Coimbra - Polo II, Faculty of Sciences and Technology, Department of Earth Sciences and Geosciences Centre) - Aquilano, Antonello (Department of Architecture, University of Ferrara) - Colado, Hipolito (Junta de Extremadura, Mérida; Polytechnic Institute of Tomar; Geosciences Centre, University of Coimbra) - Garcês, Sara - Gomes, Hugo (Geosciences Centre, University of Coimbra) - Henriques, Maria Helena (Geosciences Centre, University of Coimbra; University of Coimbra - Polo II, Faculty of Sciences and Technology, Department of Earth Sciences and Geosciences Centre) - Marrochino, Elena (Department of Environmental and Prevention Sciences, University of Ferrara) - Rosina, Pierluigi (Polytechnic Institute of Tomar; Geosciences Centre, University of Coimbra)

17:15 **NEW INSIGHTS INTO THE PALAEOENVIRONMENTS OF THE CALCAREOUS LANDSCAPES OF SOUTHERN BRITAIN: A CASE STUDY FROM THE COTSWOLDS**  
Moore, Pete (University of Reading)

17:30 **ENVIRONMENTAL CHANGES AND THEIR IMPACT ON HUMAN FREQUENTATION AT THE ARMA DELLO STEFANIN, LIGURIA . A GEOARCHAEOLOGICAL PROSPECTIVE**  
Ghislandi, Sabina - Negrino, Fabio (Università di Genova) - Gravel-Miguel, Claudine (New Mexico Consortium) - Riel Salvatore, Julien (University of Montréal) - Rellini, Ivano (Università di Genova)

17:45 **THE IMPORTANCE OF CALCAREOUS LANDSCAPES TO OUR UNDERSTANDING OF LATE PLEISTOCENE HUMAN-ENVIRONMENT INTERACTIONS IN WESTERN IBERIA**  
Haws, Jonathan (University of Louisville; ICArEHB, Universidade do Algarve) - Benedetti, Michael (University of North Carolina Wilmington; ICArEHB, Universidade do Algarve) - Carvalho, Milena (ICArEHB, Universidade do Algarve) - Ellis, Grace (Colorado State University; ICArEHB, Universidade do Algarve) - Cascalheira, João (ICArEHB, Universidade do Algarve) - Friedl, Lukas (University of West Bohemia; ICArEHB, Universidade do Algarve) - Bicho, Nuno - Barbieri, Alvisé (ICArEHB, Universidade do Algarve)

18:00 **A CASTELNOVIAN STOP IN THE ALPINE HIGHLANDS AT ARMA DELLA NINA**  
Riel-Salvatore, Julien (Université de Montréal) - Gravel-Miguel, Claudine (New Mexico Consortium; Université de Montréal) - Negrino, Fabio (Università di Genova)

18:15 **DISCUSSION SLOT**



## 708 DIGITAL DISSEMINATION: USING NEW TOOLS TO COMMUNICATE WITH STAKEHOLDERS

**Room:** 36=CU005-FL1-Gismondii II

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Session with keynote presentation and discussion

**Organisers:** Rinehart Macrae, Grace (University College Dublin; the Humanities Guild) - Loy, Aida (Independent Researcher) - Petrocelli, Alexandria (The Humanities Guild) - Martínez Espinosa, Isaac (Urraca Historiadores; Colegio Menesiano; Instituto de Estudios Riojanos) - Mora Rodríguez, Fernando (Asociación del Hórreo Asturiano; Red Horrea - Red Internacional de Graneros Elevados Tradicionales)

### ABSTRACTS

14:00 INTRODUCTION

14:15 OUTREACH IN THE DIGITAL AGE

Petrocelli, Alexandria (The Humanities Guild) - Rinehart Macrae, Grace (The Humanities Guild; University College Dublin)

14:30 ARCHAEOLOGY MEETS POPULAR CULTURE: PRESENTING THE PAST ON SOCIAL MEDIA

Đuricic, Ana (Laboratory for BioArChaeology, Faculty of Philosophy, University of Belgrade)

14:45 DISCUSSION SLOT

15:00 A PROJECT OF DISSEMINATION AND HERITAGE EDUCATION IN THE RURAL ENVIRONMENT

Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

15:15 URRACA HISTORIADORES, DIFFERENT WAY OF EXPLAINING LOCAL HERITAGE

Espinosa, Isaac (Urraca Historiadores)

15:30 ALMA DE BOSQUE: A PROJECT PROMOTED BY HORREA ABOUT THE APPLICATION OF ROUTES OF THE CULTURE OF TRADITIONAL RAISED GRANARIES

Rodríguez, Fernando (Asociación del Hórreo Asturiano; Red Horrea)

15:45 DISCUSSION SLOT

16:30 SHARING IS CARING. SOCIAL MEDIA AND PODCASTS AS HERITAGE DISSEMINATION TOOL („PIEDRAS VIVAS Y OTRAS MOVIDAS“ PROJECT)

Loy, Aida (Piedras Vivas y Otras Movidas; Independent Researcher)

16:45 'SAD GIRL' ARCHAEOLOGY: RECLAMATION OF EMOTIONAL EXPRESSION IN DIGITAL ACADEMIC SPACES

Black, Stephanie (Durham University) - Bowyer, Charlotte (Independent Scholar) - Parker, Han (University of Nottingham)

17:00 SOCIAL MEDIA AS A RESEARCH METHOD IN HERITAGE STUDIES: A CASE STUDY OF UNDERSTANDING MUSEUM FOLLOWERS' EXPERIENCES ON SOCIAL MEDIA

Bakogianni, Sophia (Byzantine and Christian Museum; Open University of Cyprus; Panteion University of Social and Political Sciences)

17:15 DISCUSSION SLOT

17:30 DISCUSSION SLOT

## 709 TIES THAT BIND: COMMUNITY, ECOLOGY AND CHALLENGES OF SCALE

**Room:** 38=CU005-FL2-Ponzi II

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Schmaus, Tekla (Washington State University) - Franklin, Kate (Birkbeck, University of London)

### ABSTRACTS

14:00 INTRODUCTION

14:15 FEEDING SHEEP, CREATING COMMUNITY: LINKING PEOPLE, ANIMALS, AND THEIR ENVIRONMENT

Schmaus, Tekla (Washington State University; University of Pittsburgh) - Eklund, Emily - Greaves, Aspen - Ebert, Claire (University of Pittsburgh)

14:30 LANDSCAPES THAT BIND: MOBILITY AND MONUMENTALITY IN THE INDIGENOUS AMERICAS

Maclellan, Jessica (Wake Forest University) - Lanoë, François (University of Arizona)

14:45 DISCUSSION SLOT

15:00 CULTURAL RESPONSES AND COPING WITH THE NEGATIVE INFLUENCE OF PARASITES IN THE ROMAN EMPIRE: A SPATIAL APPROACH

Kheml, Sebastian (Masaryk University)

- 15:15 FINAL FORM: REFRAMING ZOOARCHAEOLOGICAL REMAINS AS A CO-CREATED ARTEFACT THAT UNVEILS NEW DATA FROM THE MICRO TO MACRO SCALE  
Haruda, Ashleigh (University of Oxford)
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT
- 16:30 SOCIO-ECOLOGIES OF THE DEAD? RETHINKING THE SAXE-GOLDSTEIN HYPOTHESIS USING SCYTHIAN EPOCH MORTUARY LANDSCAPES  
Johnson, James (University of Wyoming)
- 16:45 UNEARTHING FAMILY TIES: AN ANCIENT GENOMIC ODYSSEY THROUGH WESTERN EURASIA  
Altinisik, N. Ezgi (Human-G Laboratory, Department of Anthropology, Hacettepe University) - Vural, Kivılcım Başak (Department of Biological Sciences, Middle East Technical University)
- 17:00 DISCUSSION SLOT
- 17:15 UNTANGLING PAST ARBOREAL RELATIONSHIPS AMONG ANCESTRAL KALISPEL LANDSCAPES  
Carney, Molly (Oregon State University)
- 17:30 WHAT CREATURES CREATE CREATION? NETWORKED LANDSCAPE AND LABOR IN MEDIEVAL VAYOTS DZOR, ARMENIA  
Franklin, Kathryn (Birkbeck, University of London) - Babajanyan, Astghik (Institute of Archaeology and Ethnography Nas Ra)

## 717 INTERWOVEN. TEXTILE EXCHANGES ACROSS THE MEDITERRANEAN FROM PREHISTORY TO US

**Room:** 56=CU033-FL2-Baroni

**Time:** 14:00 - 18:30

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Ferrante, Nina (Sapienza University of Rome) - Morgado-Roncal, Leyre (University of Granada) - Muti, Giulia (Independent Researcher) - Rosell Garrido, Patricia (Independent Researcher; University of Alicante)

### ABSTRACTS

- 14:00 INTRODUCTION

- 14:15 TEXTILES AND GENDER IN THE LATE NEOLITHIC/EARLY CHALCOLITHIC OF SOUTHWEST IBERIA  
Soares, Joaquina (UNIARQ – Centre for Archaeology, School of Arts and Humanities, University of Lisbon)
- 14:30 SPINNING IN THE CHALCOLITHIC OF THE SOUTHERN LEVANT: THE RESULTS FROM THE EXCAVATIONS AT YAVNE EAST  
Cecconi, Gaia - Betzer, Pablo - Varga, Daniel (Israel Antiquity Authority) - Milevski, Ianir (Israel Antiquity Authority; National Council of Scientific and Technical Research, Argentina)
- 14:45 UNRAVELLING A SPLENDID WEB. AEGEAN-STYLED DISCOID LOOM WEIGHTS IN THE EASTERN MEDITERRANEAN AND THEIR ROLE IN THE LBA MARITIME EXCHANGES  
Muti, Giulia (Independent Researcher)
- 15:00 INTERWEAVING TRADITION AND INNOVATION: THE TEXTILE CULTURE OF THE LATE BRONZE AGE TO EARLY IRON AGE AEGEAN  
Bowers, Madeline (Macquarie University)
- 15:15 TEXTILES CRAFTS IN THE PHOENICIAN CITY OF GADIR (CÁDIZ): TECHNOLOGICAL AND SOCIOCULTURAL CHANGES IN ITS HINTERLAND  
López Rosendo, Ester (CEFyP; Equipo de Investigación Teatro Cómico de Cádiz) - Navarro García, M<sup>a</sup> Ángeles (Equipo de Investigación Teatro Cómico de Cádiz) - Gener Basallote, José M<sup>a</sup> (Ayuntamiento de Cádiz) - Torres Ortiz, Mariano (Universidad Complutense de Madrid) - Pajuelo Sáez, Juan Miguel (Equipo de Investigación Teatro Cómico de Cádiz)
- 15:30 THE FUNCTIONAL INTERPRETATION OF SOME ARCHAEOLOGICAL SPACES THROUGH THE DISCOVERY OF UTENSILS DEDICATED TO SPINNING-SEWING IN THE SOUTHWEST OF SPAIN  
Bueno Serrano, Paloma (AUT)
- 15:45 DISCUSSION SLOT
- 16:30 DRESSING THE PHOENICIAN AND PUNIC WORLD: EXCHANGES OF IDEAS AND INTERCONNECTIONS ACROSS THE MEDITERRANEAN  
Ferrante, Nina (Sapienza University of Rome)
- 16:45 TEXTILES FOR RITUALS IN ETRURIA: INTERACTIONS AND EXCHANGES  
Gouy, Audrey (University of Lille)
- 17:00 CHANGES IN PERCEPTION IN BRITISH TEXTILES INDUSTRIES DURING PRE-AND ROMAN GLOBALISATION  
Poulter, Helen (University of Winchester)
- 17:15 THE SECONDHAND USE OF TEXTILES IN ROMAN EVERYDAY LIFE AND ECONOMY

Lovén, Lena (University of Gothenburg)

17:30 **GOLD THREADS IN A GROUP OF 14TH CENTURY LAMPAS OF ITALIAN AND PERSIAN MANUFACTURE: PRODUCTION, TRADE OR TRANSFER OF TECHNOLOGY?**

Scibè, Cristina (University of Seville; Opificio Delle Pietre Dure of Florence) - Solazzo, Caroline (Independent Researcher) - Lam, Thomas (Museum Conservation Institute, Smithsonian Institution) - González López, María José (University of Seville)

17:45 **DISCUSSION SLOT**

### 723 **EGYPTIAN BLUE - FROM LITERATURE TO THE ARTIFACT TO THE LAB**

**Room:** 27=CU002-FL1-Aula VII

**Time:** 8:30 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Baragona, Anthony (University of Applied Arts Vienna) - Rodler-Rørbo, Alexandra (Austrian Archaeological Institute) - Becker, Hilary (Binghamton University) - Verri, Giovanni (Art Institute of Chicago) - Kostomitsopoulou Marketou, Ariadne (Norwegian School of Theology, Religion, and Society)

#### ABSTRACTS

8:30 **INTRODUCTION**

8:45 **FURTHER FLESHING OUT THE STAGES OF PRODUCTION OF EGYPTIAN BLUE IN THE ROMAN ERA**

Becker, Hilary (Binghamton University, Suny) - Smith, Gregory (Indianapolis Museum of Art at Newfields)

9:00 **A NEW, BLUE EXPERIMENT - PART ONE: USING LABORATORY-CREATED EGYPTIAN BLUE PELLETS IN THE INTERPRETATION OF ARCHAEOLOGICAL MATERIAL FROM NORICUM**

Baragona, Anthony (University of Applied Arts Vienna) - Rodler-Rørbo, Alexandra (Austrian Archaeological Institute) - Tehrani, Rebecca (Dresden University of Fine Arts)

9:15 **APPLYING LABORATORY-CREATED EGYPTIAN BLUE PIGMENT AS A PAINT TO REPLICATE WALL PAINTING FRAGMENTS FROM NORICUM**

Tehrani, Rebecca (Dresden University of Fine Arts) - Baragona, Anthony (Freelance Conservation Scientist Working With the University of Applied Arts Vienna) - Santner, Markus (Dresden University of Fine Arts)

9:30 **THE COMPLEMENTARY USE OF VISIBLE-INDUCED LUMINESCENCE IMAGING AND MACRO-X-RAY FLUORESCENCE FOR IDENTIFYING AND MAPPING EGYPTIAN BLUE ON ROMAN WALL PAINTING**

Sessa, Clarimma (Technical University of Munich) - Tehrani, Rebecca - Herm, Christoph - Santner, Markus (Dresden University of Fine Arts)

9:45 **REAL-TIME IDENTIFICATION AND VISUALIZATION OF EGYPTIAN BLUE USING MODIFIED NIGHT VISION GOGGLES**

Nicola, Marco (Adamantio) - Sgamellotti, Antonio (5 Accademia Nazionale dei Lincei; Department of Chemistry, Biology and Biotechnology, Università degli Studi di Perugia) - Anselmi, Chiara (Istituto di Ricerca Sugli Ecosistemi Terrestri, CNR-IRET)

10:00 **TRACING THE TRAJECTORIES OF EGYPTIAN BLUE PRODUCTION TECHNOLOGY: XRD, SXRF AND SXANES ANALYSIS OF HELLENISTIC AND ROMAN SAMPLES**

Kostomitsopoulou Marketou, Ariadne (MF Norwegian School of Theology, Religion and Society) - Pinakidou, Fani (Department of Physics, Aristotle University of Thessaloniki) - Ravan, Eva Luna (Istituto di Scienze del Patrimonio Culturale, CNR; Sapienza University of Rome) - Romano, Francesco Paolo (Istituto di Scienze del Patrimonio Culturale, CNR) - Brecoulaki, Hariclia (Institute of Historical Research, National Hellenic Research Foundation) - Rodler-Rørbo, Alexandra (Austrian Archaeological Institute, Austrian Academy of Sciences) - Karydas, Andreas (Institute of Nuclear and Particle Physics, Ncsr "Demokritos")

10:15 **DISCUSSION SLOT**

11:00 **RAW MATERIAL POTENTIAL SOURCES FOR EGYPTIAN BLUE MANUFACTURING DURING THE LATE ANTIQUITY IN THE CRYPT OF ST. STEPHAN'S CHURCH.**

d'Erme, Chiara - Cavallo, Giovanni (University of Applied Sciences and Arts of Southern Switzerland - SUPSI) - Villa, Luca (Foundation Pro Monastery of St. John, Müstair) - Cassitti, Patrick (Foundation Pro Monastery of St. John, Müstair; Albert-Ludwigs-Universität Freiburg, Abteilung für Frühgeschichte und Archäologie des Mittelalters - Otto-Friedrich-Universität Bamberg)

11:15 **FROM PELLETS AND PAINTINGS. EGYPTIAN BLUE FINDINGS FROM AGUNTUM (EAST TYROL)**

Zerobin, Bianca - Auer, Martin - Goldenberg, Gert (University of Innsbruck, Institute of Archaeology) - Tropper, Peter (University of Innsbruck, Institute of Mineralogy and Petrography)

- 11:30 AN UNCOMMON INSTANCE OF EGYPTIAN BLUE LIME-PAINTED INTONACHINO FROM "THE ROMAN VILLA OF TORRE DI PORDENONE" (NORTH-EASTERN ITALY)  
Sbrolli, Clelia - Dilaria, Simone - de Zotti, Anna - Salvadori, Monica (Università di Padova)
- 11:45 E(TRUSCAN)-BLUE. A SURVEY ON THE EGYPTIAN BLUE IN THE PAINTED TOMBS OF TARQUINIA  
Adinolfi, Gloria (Pegaso Srl) - Bellelli, Vincenzo - Tomassetti, Maria Cristina (PACT) - Carmagnola, Rodolfo (Pegaso Srl)
- 12:00 STUCCO RELIEFS WITH AN EGYPTIAN BLUE BACKGROUND AT THE ART INSTITUTE OF CHICAGO  
Verri, Giovanni - Raff, Katharine (Art Institute of Chicago)
- 12:15 SPECTRAL VARIATIONS OF EGYPTIAN BLUE IN EARLY ROMAN JUDAEA  
Asscher, Yotam (Department of Conservation of Material Culture, School of Archaeology and Maritime Cultures University of Haifa; Department of Artifacts Treatment and Laboratories, Israel Antiquities Authority) - Sharabi, Naama (Department of Archaeology, the Hebrew University of Jerusalem)
- 12:30 EPHESIAN EGYPTIAN BLUE: MATERIAL PROVENANCE AND PROCESSING IN THE LATE HELLENISTIC PERIOD  
Rodler-Rørbo, Alexandra (Austrian Academy of Sciences) - Kostomistoupoulo Marketou, Ariadne (MF Norwegian School of Theology and Religion) - Baragona, Anthony (Freelance, Associated with the University of Applied Arts) - Jansen, Moritz - Klein, Sabine (Deutsches Bergbau-Museum Bochum) - Artioli, Gilberto (University of Padua)
- 12:45 DISCUSSION SLOT
- 14:00 EXPLORING EGYPTIAN BLUE: INTEGRATING MULTISPECTRAL AND REFLECTANCE TRANSFORMATION IMAGING FOR IN-DEPTH DOCUMENTATION AND STUDY  
Shaheen, Islam (Sapienza University of Rome; Grand Egyptian Museum) - Hamza, Nagmeldeen (Grand Egyptian Museum)
- 14:15 TRACING EGYPTIAN BLUE: A DIACHRONIC STUDY OF USE, PRODUCTION, AND APPLICATION IN THE BRONZE AGE MEDITERRANEAN  
Hunter, Allisen (Florida State University)
- 14:30 DISCUSSION SLOT
- 14:45 DISCUSSION SLOT

## 739 ANALYSING THE CITY. ARCHAEOLOGICAL SCIENCE APPROACHES TO URBANISATION IN THE MEDITERRANEAN (1000?500 BCE)

- Room:** 55=CU033-FL2-Mortara  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Amicone, Silvia (Archaeometry Research Group, Eberhard Karls Universität Tübingen) - Gleba, Margarita (Dipartimento dei Beni Culturali, Università degli Studi di Padova) - Riva, Corinna (University College London)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 THE MIDDLE POLESINE ON THE THRESHOLD OF PROTO-URBAN TRANSITION: NEW RESEARCH IN FRATTESINA AND VILLAMARZANA (ROVIGO)  
Salzani, Paola (Soprintendenza Archeologia Belle Arti e Paesaggio di Verona, Rovigo e Vicenza) - Cardarelli, Andrea (Università Roma la Sapienza) - Cupitò, Michele (Università di Padova) - Bellintani, Paolo (CPSSAE) - de Neef, Wieke (University of Bamberg) - Angelini, Ivana - Nicosia, Cristiano (Università di Padova) - Pulcini, Maria Letizia (Direzione Regionale Musei Veneto) - Vicenzutto, David (Università di Padova)
- 9:00 ARCHAEOGEOPHYSICS AND ANCIENT MOTYA'S ARRIVALS, ADMINISTRATION, AND ANCESTORS  
Herrmann, Jason (University of Pennsylvania) - Sconzo, Paola (University of Palermo)
- 9:15 DISCUSSION SLOT
- 9:30 THE "DIVISION LINES" OF METAPONTO: DECODING TOPOGRAPHICAL ANOMALIES USING LEAST COST PATH  
Davidson, Christine (Trent University)
- 9:45 THE RELIGIOUS TOPOGRAPHY OF ARCHAIC THASOS THROUGH GEOINFORMATIC APPROACH  
Trippé, Natacha (Université Bordeaux Montaigne-Ausonius; Ecole Française d'Athènes) - Kiosak, Dmytro (Université Bordeaux)

- 10:00 **TRACING HUMAN IMPACT AND LAND-COVER CHANGES IN CENTRAL ITALY THROUGHOUT THE IRON AGE**  
Antler, Chen - Whitehouse, Nicki (University of Glasgow) - Barratt, Phil (University of Nottingham)
- 10:15 **DISCUSSION SLOT**
- 11:00 **URBANISM ON THE SUNNY SIDE OF THE ALPS**  
Gruškovnjak, Luka (University of Ljubljana) - Vojakovič, Petra (University of Ljubljana; Arhej d.o.o) - Prijatelj, Agni - Grčman, Helena - Mušič, Branko - Črešnar, Matija (University of Ljubljana)
- 11:15 **URBAN ECOLOGY AND TERRITORIAL EXPLOITATION IN ARCHAIC ITALY THROUGH MULTI-ISOTOPE RECONSTRUCTION OF PASTORAL STRATEGIES**  
Trentacoste, Angela (The British School at Rome) - Makarewicz, Cheryl (University of Kiel)
- 11:30 **DRESSING THE CITY: TEXTILES AND URBANISATION IN MEDITERRANEAN EUROPE 1000-500 BCE**  
Gleba, Margarita - Dimova, Bela (University of Padua)
- 11:45 **DISCUSSION SLOT**
- 12:00 **CRAFTS AND THE CITY: UNVEILING POTTERS' TECHNOLOGICAL TRADITIONS OF ETRURIA AT THE DAWN OF URBANISATION**  
Amicone, Silvia (Archaeometry Research Group, Eberhard Karls Universität Tübingen; Institute of Archaeology, University College London) - Morandi, Lionello (Department of Civilisations and Forms of Knowledge, University of Pisa; Archaeometry Research Group, Eberhard Karls Universität Tübingen)
- 12:15 **A 1ST-MILLENNIUM-BC BOOMING ECONOMY? PROVENANCE STUDIES OF TRANSPORT AMPHORAE AT ETRUSCAN VULCI, ITALY**  
Riva, Corinna - Mise, Maja (Institute of Archaeology, University College London)
- 12:30 **„PROCESSING THE CITY. DIET, TECHNOLOGY AND INTERACTION IN THE ADRIATIC HUB OF SPINA (NE ITALY)**  
Mistireki, Aleksandra (University of Berne, Institute of Archaeological Sciences, Mediterranean Archaeology) - Notarstefano, Florinda (Università del Salento, Dipartimento di Beni Culturali, Archeologia Classica) - Zamboni, Lorenzo (Università degli Studi di Milano, Department of Cultural and Environmental Heritage, Classical Archaeology)
- 12:45 **DISCUSSION SLOT**

- 14:00 **PRODUCING FOR THE CITY? THE INTENSIFICATION OF CERAMIC PRODUCTION IN IRON AGE SW EUROPE**  
De Groot, Beatrijs (University of Edinburgh)
- 14:15 **THERE ARE SPECIALISTS NOT ONLY IN THE CITIES: CERAMIC PRODUCTIONS FROM THE FIRST IRON AGE IN THE INTERIOR OF IBERIA**  
Padilla Fernández, Juan Jesús (Universidad de Salamanca)
- 14:30 **BETWEEN MEDITERRANEAN AND CENTRAL EUROPE: CONNECTIVITY AND TRADE ASSOCIATED WITH BIOLOGICAL PRODUCTS IN THE MIDDLE OF THE 1ST MILLENNIUM BCE**  
Rageot, Maxime (University of Tübingen) - Sacchetti, Federica, UMR 7299-CCJ, Aix-Marseille University – CNRS – Ministry of Culture)
- 14:45 **SCENT AND THE CITY: URBAN SMELLSCAPES AT THE OASIS OF TAYMA, NORTHWEST ARABIA**  
Huber, Barbara (Max Planck Institute of Geoanthropology, Department of Archaeology; University of Tübingen, Institute of Archaeological Science; Centre Européen de Recherche et d'Enseignement des Géosciences de l'Environnement - CEREGE) - Weigel, Friedrich - Hausleiter, Arnulf (German Archaeological Institute, Orient Department)
- 15:00 **HOW TO BE BOTH: INTEGRATING METHODOLOGIES, DISCIPLINES AND SCALES IN THE STUDY OF IRON AGE MEDITERRANEAN URBANISM**  
Pollard, Dominic (New York University)
- 15:15 **DISCUSSION SLOT**
- 15:30 **DISCUSSION SLOT**

## 771 HERITAGE BEYOND CONSUMPTION: A CALL FOR A COLLECTIVE DISCUSSION

**Room:** 49=CU006-FLG-Aula B  
**Time:** 14:00 - 16:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Round table  
**Organisers:** Fiano, Francesca Romana (Università degli Studi di Ferrara) - di Biase, Federica (Heidelberg University) - Porta, Francesca (Università degli Studi di Bologna)

## 776 PLASTER A MULTIPURPOSE MATERIAL FOR BINDING KNOWLEDGE

**Room:** 46=CU013-FL2-Rasetti  
**Time:** 8:30 - 10:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Nilhamn, Bonnie (Helsinki University) - Barouda, Archontoula (UCL Institute of Archaeology)

### ABSTRACTS

- 8:30 **PLASTER - IS MY DEFINITION THE SAME AS YOURS?**  
 Nilhamn, Bonnie (Helsinki University)
- 8:45 **PLASTER AS AN AID IN DATING CONTEXTS?**  
 Hons, David (Departement of Archaeology and Museology Masaryk University at Brno; Departement of Archaeology Moravian Museum at Brno) - Golec, Martin (Departement of History Palacký University Olomouc) - Mírová, Zuzana (Departement of Archaeology Faculty of Arts Charles University) - Bartík, Jaroslav (Institute of Archaeology Czech Academy of Sciences Brno)
- 9:00 **UNCOVERING STORIES HIDDEN IN THE WALLS OF THE BUDEČ ROTUNDA**  
 Tomanova, Pavla (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Valek, Jan (Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences) - Kozlovce, Petr (Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences)

- 9:15 **HIGHLIGHTS FROM PHYSICO-CHEMICAL CHARACTERIZATION OF SOME PLASTERS AND MORTARS FROM THE STAVANGER CATHEDRAL, NORWAY**  
 Gebremariam, Kidane (Museum of Archaeology, University of Stavanger)
- 9:30 **MINERAL SUBSTRATES FOR WALL PAINTINGS ACROSS THE LATE ANTIQUE LEVANT**  
 Burdajewicz, Julia (Academy of Fine Arts in Warsaw)
- 9:45 **GYPSUM PLASTERS AND THEIR PROPERTIES: PRELIMINARY RESULTS OF THE STUDY ON THE PAPHIAN SAMPLES (CYPRUS)**  
 Pizzo, Paola (Institute of Theoretical and Applied Mechanics, Czech Academy of Science; Institute of Classical Archaeology, Faculty of Arts, Charles University) - Válek, Jan (Institute of Theoretical and Applied Mechanics, Czech Academy of Science)
- 10:00 **EXPLORING PLASTER TECHNOLOGIES IN NEOLITHIC MAKRI, NORTHERN GREECE: AN INSIGHTFUL PERSPECTIVE**  
 Barouda, Archontoula - Quinn, Patrick (University College London, UCL) - Efstratiou, Nikos (Aristotle University of Thessaloniki)
- 10:15 **DISCUSSION SLOT**

## 790 THE (COPPER) AGE OF TRANSFORMATION: RESEARCH DEVELOPMENTS ON C. 4500-3500 BC FROM AROUND THE CARPATHIAN BASIN

**Room:** 103=CNR01-FL1-Marconi  
**Time:** 14:00 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Ridge, William (University of Illinois At Chicago) - Tomažič, Iride (University of Michigan) - Čataj, Lea (Croatian Conservation Institute)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **LASINJA CULTURE: REGIONAL DIFFERENCES AND MACROREGIONAL SIMILARITIES**  
 Čataj, Lea (Hrvatski Restauratorski Zavod / Croatian Conservation Institute)
- 14:30 **NEW RESEARCH ON THE ENEOLITHIC LAKESCAPE OF CARINTHIA (AUSTRIA)**  
 Ries, Marie-Claire (University of Innsbruck, Microarchaeological Laboratory, Department for Archaeologies)

- 14:45 **VIEW FROM THE EDGE: FORMATION OF COPPER AGE SETTLEMENT SYSTEMS IN THE SE ALPS**  
Mlekuž Vrhovnik, Dimitrij (University of Ljubljana)
- 15:00 **ENEOLITHIC POPULATION OF THE LASINJA CULTURE IN EASTERN CROATIA - SETTLEMENT, MORTUARY PRACTICE AND UTILIZATION OF SPACE**  
Rajkovic, Dragana (Archaeological Museum Osijek) - Balen, Jacqueline (Archaeological Museum in Zagreb)
- 15:15 **PICKING UP THE PIECES: ZOOARCHAEOLOGICAL AND ARCHAOMETRIC ANALYSES OF FRAGMENTED BONE FROM THE FIRST LASINJA-CULTURE SITE IN LIKA, CROATIA**  
Zavodny, Emily (University of Central Florida)
- 15:30 **BOLERÁZ, BADEN OR STARE GMAJNE? FIRST SETTLEMENTS FROM THE SECOND HALF OF THE 4TH MILLENNIUM BC IN NORTH-EASTERN SLOVENIA**  
Kramberger, Bine (Institute for the Protection of Cultural Heritage of Slovenia)
- 15:45 **DISCUSSION SLOT**
- 16:30 **THE TIME HAS COME TO BE GONE: SETTLEMENT PATTERNS AND DEPOPULATION DURING THE COPPER AGE IN EASTERN HUNGARY**  
Ridge, William (University of Illinois at Chicago)
- 16:45 **THE GREAT HUNGARIAN PLAIN IN THE MIDDLE COPPER AGE: NEW RESULTS OF THE RESEARCH ON THE HUNYADIHALOM CULTURE**  
Hegedus, Zsuzsa (Hungarian National Museum National Institute of Archaeology; Eötvös Loránd University Institute of Archaeological Sciences)
- 17:00 **THE ERA OF CHANGES - STUDIES ON THE MIDDLE AND LATE COPPER AGE TRANSITION IN THE CARPATHIAN BASIN**  
Fábián, Szilvia (Hungarian National Museum) - Marton, Tibor (Hun-  
Ren Research Centre for the Humanities, Institute of Archaeology)  
- Csippán, Péter (Institute of Archaeological Sciences, Eötvös Loránd  
University, Budapest Hungary) - Priskin, Anna (Déri Museum, De-  
brecen) - Daróczy-Szabó, Márta (Budapest History Museum) - Rajna,  
András (Ferenczy Museum Centre, Szentendre)
- 17:15 **LIVE AND LET DIE - BURIALS AND STRUCTURED DEPOSITS AT THE BEGINNING OF THE LATE COPPER AGE (3800-3500BC)**  
Rajna, András (Ferenczy Museum Centre) - Fábián, Szilvia (Hungarian  
National Museum)
- 17:30 **RE-EVALUATING THE TIME DOMAINS OF THE CARPATHIAN BASIN**  
Brummack, Sven (Freie Universität Berlin)

- 17:45 **DISCUSSION SLOT**

**797 BEST PRACTICES ON ARCHAEOLOGICAL 3D DATA MANAGEMENT: METHODS AND APPROACHES TO CAPTURE, GENERATE, AND DISSEMINATE 3D INFORMATION IN ARCHAEOLOGY**

- Room:** 15=CU003-FL3-Aula XXII  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Hollaender, Julian (State Office for Heritage Management Baden-Württemberg) - Dilena Quintana, Miguel Angel (Universidad Complutense de Madrid - UCM) - Skole, John (Arkeologerna; the National Historical Museums of Sweden) - Papazoi, Elli (Institute of Classics / University of Graz) - Thiery, Florian (Leibniz-Zentrum für Archäologie - Leiza)

**ABSTRACTS**

- 8:30 **INTRODUCTION**
- 8:45 **3D DOCUMENTATION AND MODELLING IN ARCHAEOLOGICAL FIELDWORK - CURRENT APPROACHES, WORK-FLOWS AND DATA STANDARDS AND THE GOALS OF THE NFDI4OBJECTS-CONSORTIUM**  
Hollaender, Julian - Höke, Benjamin (Landesamt für Denkmalpflege / State Office for Heritage Baden-Württemberg) - Lang, Matthias - Pallan Gayol, Carlos (University of Bonn / Bonn Centre for Digital Humanities) - Berger, Steffen - Abele, Jonas (Landesamt für Denkmalpflege / State Office for Heritage Baden-Württemberg)
- 9:00 **3D MODELLING AND 3D COMPUTED TOMOGRAPHY SCANS IN POST EXCAVATION INVESTIGATION**  
Knoll, David - Chen, Zhuoru (Landesamt für Denkmalpflege Baden-Württemberg)
- 9:15 **DISCUSSION SLOT**
- 9:30 **3D-DIMENSIONS MATTER: HOW TO RECONSTRUCT, VISUALISE AND ANALYSE ARCHAEOLOGICAL CONTEXTS BY USING THREE-DIMENSIONAL APPROACHES AND DIGITAL STRATEGIES**  
Dilena Quintana, Miguel Angel - Álvarez-Alonso, David - Cerrillo-Cuenca, Enrique - de Andrés-Herrero, María (Universidad Complutense de Madrid)

- 9:45 **HORDES OF 3D DATA: A FREE OPEN SOURCE SEMANTIC SYSTEM FOR DISSEMINATING A LIDAR LIBRARY OF THE MONGOLIAN ARCHAEOLOGICAL LANDSCAPE**  
Fisher, Michael (Max Planck Institute of Geoanthropology; Institute for the Study of Ancient Cultures, University of Chicago) - Hiatt, Cyrus (Farallon Geographics)
- 10:00 **DIGITAL MINIATURES: PROSPECTS AND LIMITATIONS OF 3D DOCUMENTATION OF BRONZE AGE AEGEAN SEAL IMAGES**  
Andreovits, Tatiana (Institut für Klassische Archäologie, Universität Heidelberg)
- 10:15 **DISCUSSION SLOT**
- 11:00 **RECONSTRUCTING THE PAST USING 3D METHODS. THE CASE OF THE CULT GROUP AT LYCOSURA**  
Dimopoulou, Sotiria (Archaeologist)
- 11:15 **STANDARDIZATION AND CHALLENGES IN POINT CLOUD ALIGNMENT: LASER SCANNING IN ROMAN OSTIA**  
Ogawa, Takuro - Hori, Yoshiki (Kyushu University)
- 11:30 **DIGITALIZING ARCHAEOLOGICAL MONUMENTS IN 3D - CAPTURING THE IMPERIAL ROMAN BATHS OF TRIER IN HIGH DETAIL**  
Bauer, Steffen (Heidelberg University; Interdisciplinary Centre for Scientific Computing, Heidelberg University) - Prien, Roland (Heidelberg University; Heidelberg Centre for Cultural Heritage)
- 11:45 **DISCUSSION SLOT**
- 12:00 **TAKING THE LONG ROAD**  
Færch-Jensen, Jeppe (Museum Sydøstdanmark)
- 12:15 **RECONSTRUCTION OF HISTORICAL GOTHENBURG, THEORY AND DIGITAL PRACTICES**  
Ekholm, Niklas - Ramirez, Teobaldo - Lindahl, Mikael - Erkel, Miriam - Skredsvik, Andreas - Edqvist, Johanna - Nannmark, Ester (Arkeologerna -SHM)
- 12:30 **DISCUSSION SLOT**

## 814 MATERIALISING MEANING. CENTREING THE ROLE OF SOCIAL INTERACTIONS IN ARCHAEOLOGICAL MATERIALS STUDIES

- Room:** 102=CNR01-FLG-Biblioteca  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Benzonelli, Agnese - Klesner, Catherine (University of Cambridge) - Orfanou, Vana (Ludwig-Maximilians-Universität München) - Franjic, Ana (KU Leuven) - Brysbaert, Ann (Leiden University; Netherlands Institute at Athens)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **TOWARDS A SKILL-BASED ANALYSIS OF CRAFT ORGANISATION AND CROSS-CRAFT INTERACTION: A CASE STUDY FROM NARIÑO, COLOMBIA**  
Benzonelli, Agnese - Klesner, Catherine (University of Cambridge) - Martinon-Torres, Marcos
- 9:00 **CROSSING PATHS. PEOPLE-CRAFT INTERACTION IN GREEK AND ROMAN STONE WORKING. INSIGHTS FROM MARBLE AND DECORATIVE STONE VASES**  
Perna, Simona (Institut Català d'Arqueologia Clàssica, ICAC)
- 9:15 **RECONSTRUCTING CROSS-CRAFT INTERACTIONS BETWEEN LATE ROMAN GLASS CARVING WORKSITES**  
Meredith, Hallie (Washington State University)
- 9:30 **JEWELS CREATED FROM DIRT: AN INVESTIGATION INTO THE SOCIAL CONTEXT BEHIND GLASS MANUFACTURING IN LATE BRONZE AGE EGYPT**  
Mitchell, Sarah (Newcastle University; Archaeological Research Services Ltd)
- 9:45 **POTTERY STYLE AS AN INDICATOR OF INNOVATIVENESS IN CENTRAL EUROPE IN THE 5TH-4TH MILLENNIUM CAL B.**  
Szilágyi, Márton (Eötvös Loránd University, MTA-ELTE „Lendület“ Momentum Innovation Research Group) - Solnay, Eszter (Eötvös Loránd University, MTA-ELTE „Lendület“ Momentum Innovation Research Group; Paris 1 Panthéon-Sorbonne University, Doctoral School of Archaeology; UMR 8215 Trajectoires) - Siklósi, Zsuzsanna (Eötvös Loránd University, MTA-ELTE „Lendület“ Momentum Innovation Research Group)



- 10:00 **EVERYTHING OLD IS NEW AGAIN: EARLY MEDIEVAL GLASS RECYCLING: TECHNOLOGY, MUTABILITY, AND RESOURCEFULNESS**  
Lucas, Vic (Institute of Archaeology, University College London)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FROM THE 'NITTY-GRITTY' OF CERAMIC ANALYSIS TO A COMMUNITY OF PRACTICE PERSPECTIVE: A VIEW FROM THE BRONZE AGE AEGEAN**  
Hilditch, Jill (University of Amsterdam)
- 11:15 **MATERIAL IDENTITIES OF THE INDUS TERRACOTTA-MAKING COMMUNITIES**  
Lahiri, Sutapa (University of Calgary)
- 11:30 **POTS = POTTERS. COMMUNITIES OF PRACTICE VIA MINUTE VARIATION APPROACH**  
Harush, Ortal (The Hebrew University)
- 11:45 **DISCUSSION SLOT**
- 12:00 **CERAMIC PRODUCTION AND COMMUNITY AT ARCHAIC AND CLASSICAL ELEON IN CENTRAL GREECE**  
Sadarananda, Janelle (Skidmore College; University of Pennsylvania) - Bertram, Haley (University of Cincinnati)
- 12:15 **A COMMUNITIES-OF-PRACTICE APPROACH TO TRACE THE SOCIAL CHANGE DURING THE EARLY CHALCOLITHIC IN EASTERN ROMANIA**  
Matau, Florica (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi)
- 12:30 **„PARTY OR THERAPY? POSSIBLE FUNCTIONS OF ANATOLIAN EBA RITUAL PITS ACCORDING TO GC-MS ANALYSIS OF ORGANIC RESIDUES OF SOME POTTERY**  
Türkteki, Murat (Bilecik Şeyh Edebali University) - Tarhan, Ismail (Konya Selçuk University) - Türkteki, Sinem (Bilecik Şeyh Edebali University)
- 12:45 **DISCUSSION SLOT**
- 14:00 **EXPLORING ALTERNATIVE STRATEGIES FOR EUROPEAN BRONZE AGE METALWORK CHEMICAL ANALYSIS AND INTERPRETATION: TRENDS IN COPPER AND ARTEFACT SPACE**  
Matthews, Steven (Groningen Institute of Archaeology, University of Groningen; Deutsches Archäologisches Institut - DAI) - Bray, Peter (Department of Archaeology, University of Reading)
- 14:15 **„METAL PRODUCTION IN THE 2ND MILLENNIUM BC EURASIAN STEPPE: CASE STUDIES FROM THE CENTRAL AND EASTERN KAZAKHSTAN**  
Calgaro, Ilaria - Radivojević, Miljana - Altaweel, Mark (Institute of Archaeology UCL) - Doumani-Dupuy, Paula (School of Sciences and

Humanities, Nazarbayev University) - Yermolayeva, Antonina (A.Kh. Institute of Archaeology)

- 14:30 **METALS IN A CHANGING WORLD: MATERIAL INSIGHTS INTO SOCIAL TRANSFORMATIONS AT THE END OF THE BRONZE AGE IN GREECE**  
Orfanou, Vana (Ludwig-Maximilians-Universität) - Aktipi, Konstantina (Ephorate of Antiquities of Achaia) - Batziou, Anthi (Ephorate of Antiquities of Magnesia) - Borgna, Elisabetta (University of Udine) - Jones, Olivia (West Virginia University) - Kleitsas, Christos (Ephorate of Antiquities of Ioannina) - Konstanti, Katerina (National Archaeological Museum in Athens) - Lemos, Irene (University of Oxford) - Degryse, Patrick (KU Leuven) - Stockhammer, Philipp (LMU Munich; Evolutionary Anthropology Leipzig)
- 14:45 **DISCUSSION SLOT**
- 15:00 **POTTERY PRODUCTION AS INDICATOR FOR KNOWLEDGE TRANSMISSION AND SOCIAL INTERACTIONS DURING THE SO-CALLED GREEK 'COLONIZATION' IN ITALY (8TH-6TH CENTURIES BC)**  
Charalambidou, Polyxeni (Vrije Universiteit Amsterdam)
- 15:15 **FINDING MEANING ALONG THE WAY: WHAT NETWORK PERSPECTIVES ON RAW MATERIALS HAVE TO OFFER**  
Kerig, Tim (Roots CAU Kiel) - Hilpert, Johanna (University of Cologne) - Serbe, Benjamin (CAU Roots Kiel)
- 15:30 **TRACKING BRONZE PRODUCTION IN THE CARPATHIAN BASIN THROUGH THE MIDDLE/LATE BRONZE AGE TRANSITION THROUGH TECHNICAL CERAMICS: CURRENT RESULTS**  
Brown, Lauren (University College Dublin, School of Archaeology) - Amicone, Silvia (Archaeometry Research Group, Eberhard Karls University of Tübingen; Institute of Archaeology, University College London)
- 15:45 **DISCUSSION SLOT**

## 819 NETWORK OF EUROPEAN IDENTITIES? THE IRON AGE BETWEEN ALPS, PANNONIA AND BALKANS

**Room:** 25=CU002-FL1-Aula V

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Potrebica, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences, Dept. of Archaeology; Centre for Prehistoric Research) - Grömer, Karina (Natural History Museum Vienna)

### ABSTRACTS

14:00 INTRODUCTION

14:15 CONTRASTING GENETIC IMPACTS OF EASTERN MIGRANTS ON EARLY IRON AGE COMMUNITIES IN HUNGARY AND TRANSYLVANIA

Papac, Luka (Max Planck Institute for Evolutionary Anthropology) - Egri, Mariana (Institute of Archaeology and Art History, Cluj-Napoca) - Mötsch, Angela - Lamnidis, Thiseas (Max Planck Institute for Evolutionary Anthropology) - Gál, Szilárd (Mureş County Museum) - Rustoiu, Aurel (Institute of Archaeology and Art History, Cluj-Napoca) - Schiffels, Stephan (Max Planck Institute for Evolutionary Anthropology)

14:30 BEYOND DEFENSE: EXPLORING THE ROLE OF IRON AGE RAMPARTS IN NORTHERN CROATIA

Ovcacic, Franka - Drahotusky-Bruketa, Luka - Potrebica, Hrvoje (University of Zagreb, Department of Archaeology)

14:45 ÁRTÁND BETWEEN REGIONAL UPHEAVAL AND INTERREGIONAL IDENTITY

Soós, Bence (Hungarian National Museum)

15:00 EARLY IRON AGE FOODWAYS IN THE MIDDLE DANUBE REGION: AN ARCHAEOBOTANICAL ANALYSIS OF PLANT REMAINS FROM KALENDERBERG AND VEKERZUG SETTLEMENTS

Ranum, Caleb (University of Alabama; Constantine the Philosopher University in Nitra)

15:15 TUMULUS GOMILA - A NEW CONTRIBUTION TO THE KNOWLEDGE OF HALLSTATT BURIAL CUSTOMS IN CENTRAL EUROPE

Šoštaric, Renata - Kožul, Mirjam (University of Zagreb, Faculty of Science)

15:30

## FORGE IRON WHEN IT'S HOT

Vojakovic, Petra (Centre for Interdisciplinary Research in Archaeology - CIRA, Department of Archaeology, Faculty of Arts, University of Ljubljana; Arhej d.o.o) - Gruškovnjak, Luka (Centre for Interdisciplinary Research in Archaeology - CIRA, Department of Archaeology, Faculty of Arts, University of Ljubljana) - Prijatelj, Agni (Department of Soil and Environmental Science, Biotechnical Faculty, University of Ljubljana; Centre for Interdisciplinary Research in Archaeology - CIRA, Department of Archaeology, Faculty of Arts, University of Ljubljana) - Burja, Jaka - Šetina Batič, Barbara (Institute of Metals and Technology) - Toškan, Borut - Tolar, Tjaša (Institute of Archaeology, Research Centre of the Slovenian Academy of Sciences and Arts) - Brajkovič, Rok (Geological Survey of Slovenia) - Črešnar, Matija (Centre for Interdisciplinary Research in Archaeology - CIRA, Department of Archaeology, Faculty of Arts, University of Ljubljana)

15:45 DISCUSSION SLOT

16:30 METALLURGY AND RITUALS INTERTWINED: EXPLORING THE LATE HALLSTATT IN SVETI KRIŽ, CROATIA

Mavrovic Mokos, Janja - Šejčić, Laura - Drahotusky Bruketa, Luka (University of Zagreb Faculty of Humanities and Social Sciences Department of Archaeology)

16:45 IRON AGE METAL PROCUREMENT AND ALLOYING PRACTICES : ARCHAEOLOGICAL ANALYSES ON COPPER-BASED OBJECTS FROM SLOVENIA, CROATIA AND BOSNIA-HERCEGOVINA

Mehofer, Mathias (Vienna Institute for Archaeological Science, University Vienna; Human Evolution and Archaeological Sciences, University Vienna) - Potrebica, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology)

17:00 MULTIHEADED PINS IN THE IRON AGE - COSTUME AND STATUS

Potrebica, Hrvoje - Mavrović Mokos, Janja (University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology)

17:15 DISCUSSION SLOT

17:30 „AUSTRIAN-SLOVENIAN CONNECTIONS: CASE STUDIES FOR IRON AGE TEXTILES FROM SLOVENIAN AND AUSTRIAN SITES

Groemer, Karina (Natural History Museum Vienna) - Saunderson, Kayleigh (University of Vienna) - Lau, Ronja (Ruhr University Bochum)

- 17:45 LEATHERWORKING ARTIFACTS IN FUNERARY CONTEXTS OF EARLY IRON AGE EUROPE. A CASE STUDY FROM SOUTHERN NECROPOLIS OF PADOVA (NORTH-EASTERN ITALY)  
Pollon, Nicola (- Università di Bologna)
- 18:00 IMMIGRANTS OR INFLUENCERS? CHANGES IN THE IRON AGE COMMUNITIES IN BELA KRAJINA, SE SLOVENIA  
Grahek, Lucija (Institute of Archaeology, Zrc Sazu) - Nemeček, Nataša (National Museum of Slovenia) - Gleba, Margarita (Dipartimento dei Beni Culturali / Università degli Studi di Padova)
- 18:15 DISCUSSION SLOT

### 834 WOMEN THROUGH THE AGES: ROLES, RITUALS, AND RESEARCH THROUGH THE LENSES OF ARCHAEOLOGICAL SCIENCES

- Room:** 6=CU003-FL1-Aula I  
**Time:** 8:30 - 16:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Zeppilli, Carlotta (University of Cagliari) - Farese, Martina (Department of Environmental Biology, Sapienza University of Rome; Mediterranean BioArChaeological Research Advances Centre) - Bernardini, Sara (University of Bologna; Lampea, UMR 7269, Université D'Aix-Marseille; Mediterranean BioArChaeological Research Advances Centre) - Bonucci, Biancamaria (Institute of Genomics, University of Tartu)

### ABSTRACTS

- 8:30 POWER TO THE 3RD MILLENNIUM WOMEN!  
Olerud, Louise (Faculty of Archaeology, Leiden University)
- 8:45 FINNIC FEMALES: TRACING THE ORIGIN OF THE LIKELY EARLY FINNIC-SPEAKING WOMEN IN THE EASTERN BALTIC  
Saag, Lehti (University of Tartu) - Salmela, Elina (University of Helsinki) - Konsa, Marge - Suni, Raivo (University of Tartu) - Moilanen, Ulla (University of Helsinki) - Tõrv, Mari (University of Tartu) - Tambets, Kristiina (University of Tartu; University of Helsinki) - Honkola, Terhi (University of Helsinki)

- 9:00 BIOMECHANICAL ADAPTATIONS AND THEIR IMPLICATIONS ON WOMEN'S ACTIVITIES IN EARLY AGRO-PASTORAL SOCIETIES IN FRANCE - WOMENSO FAR ANR PROGRAM  
Bédécarrats, Samuel (UMR 5199 PACEA; Université de Bordeaux) - Lambert, Aurore (EVEHAInternational; UMR 7268 Ades) - Goude, Gwenaëlle (UMR 7269 Lampea) - Leduc, Guillaume (UMR 7330 Cerege) - Rottier, Stéphane (UMR 5199 PACEA) - Womensofar, Consortium Womensofar (Womensofar)
- 9:15 SOCIAL IDENTITY AND MICRO-NARRATIVES OF LIFE TRAJECTORY FROM BIOARCHAEOLOGY: WOMEN FROM THE CHALCOLITHIC BURIAL SITE OF CAMINO DEL MOLINO (SE-SPAIN)  
Díaz-Navarro, Sonia (Universidad de Valladolid) - Haber Uriarte, María (Universidad de Murcia)
- 9:30 „OF DUBIOUS CHARACTER“: THE GENDERED RECEPTION OF WOMEN WITH BODY MODIFICATIONS IN THE ANCIENT MEDITERRANEAN  
O'Keefe, Amy (Trinity College Dublin)
- 9:45 INTEGRATION THROUGH SEPARATION: THE DEVELOPMENT OF THE WOMEN'S SECTION IN THE MEDIEVAL SYNAGOGUE  
Schöpf, Friederike (University of Münster)
- 10:00 DETECTING WOMEN'S PRESENCE IN CASTLE ENVIRONMENTS THROUGH ARCHAEOLOGICAL AND HISTORICAL SOURCES  
Vanecková, Daniela (Masaryk University)
- 10:15 DISCUSSION SLOT
- 11:00 HIP AT WHAT COST? HOW THE HUMAN FEMALE PELVIS HAS ADAPTED TO BIPEDALISM AND CHILDBIRTH: AN ONTOGENETIC PERSPECTIVE  
Figu, Carla (Department of Cultural Heritage, Ravenna Campus, University of Bologna) - Colombo, Antony (Department of Life and Earth Sciences, Ecole Pratique des Hautes Etudes - EPHE; Unite´ Mixte de Recherche 6034 Archéosciences Bordeaux, Centre National de la Recherche Scientifique - CNRS - Université Bordeaux-Montaigne) - Bortolini, Eugenio (Department of Cultural Heritage, Ravenna Campus, University of Bologna) - Ascanelli, Simona (University Hospital Ferrara) - Bernardini, Federico (Department of Humanistic Studies, Università Ca'Foscari; Multidisciplinary Laboratory, Abdus Salam International Centre for Theoretical Physics) - Belcastro, Maria Giovanna (Department of Biological, Geological and Environmental Sciences, University of Bologna) - Carlson, Kristian (Department of Integrative Anatomical Sciences, Keck School of Medicine, University of Southern California; Evolutionary Studies Institute, University of the Witwatersrand) - Ryan, Timothy (Department of Anthropology, Penn-

sylvania State University) - Benazzi, Stefano (Department of Cultural Heritage, Ravenna Campus, University of Bologna)

- 11:15 **MATERNAL AND NEONATAL DEATHS IN 3RD-17TH CENTURY LITHUANIA: A STUDY BASED ON ARCHAEOLOGICAL, HISTORICAL, AND ETHNOGRAPHIC DATA**  
Valotkiene, Šarune (National Museum of Lithuania)
- 11:30 **FOETAL AND FEMALE BODIES IN 4TH MIL. EGYPT: A COMBINED APPROACH ON PREGNANCY LOSS AND EARLY PERSONHOOD ACQUISITION**  
Barba Garcia, Pablo (Institute of Archaeology - UCL)
- 11:45 **BORN IN A BROTHEL: NEW PERSPECTIVES ON CHILDCARE WITH MEDIEVAL SEX WORKERS**  
Poulain, Maxime (Ghent University) - Bon, Céline (Musée de L'Homme, Paris; UMR 7206 - Éco-Anthropologie) - Palmer, Jessica (Ghent University)
- 12:00 **THE PERCEPTION OF MENOPAUSE IN THE PAST: COMBINING PALEOPATHOLOGICAL, ANTHROPOLOGICAL AND FUNERARY DATA**  
De Luca, Federica - Zaccagni, Luciana - Rinaldo, Natascia (University of Ferrara)
- 12:15 **GENDER INEQUALITIES IN NORTHERN IBERIA: THE WOMEN BURIED IN THE CATHEDRAL OF SANTA MARÍA (VITORIA-GASTEIZ; 12TH-18TH CENTURIES)**  
Garcia, Nerea - Hervella, Montserrat - De-La-Rúa, Concepción (Department of Genetics, Physical Anthropology and Animal Physiology, Faculty of Science and Technology, University of the Basque Country-UPV/EHU)
- 12:30 **SEX-RELATED VARIABILITY IN THE ANCIENT ORAL MICROBIOME**  
Ham, Allison - Weyrich, Laura (Pennsylvania State University)
- 12:45 **DISCUSSION SLOT**
- 14:00 **TWO ARMED FEMALE BURIALS FROM THE ENEOLITHIC NECROPOLIS OF CELLETTA DEI PASSERI (FORLÌ, NORTHERN ITALY): ARCHAEOLOGICAL, ANTHROPOLOGICAL AND PROTEOMIC ANALYSES**  
Nicolosi, Teresa (Department of Cultural Heritage, University of Bologna) - Miari, Monica (Soprintendenza Archeologia, Belle Arti e Paesaggio Per la Città Metropolitana di Bologna e Le Province di Modena, Reggio Emilia e Ferrara) - Silvestrini, Sara (Department of Cultural Heritage, University of Bologna) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität) - Vazzana, Antonino (Department of Cultural Heritage, University of Bologna) - Sorrentino, Rita - Belcastro, Maria Giovanna (Department of Biological, Geological

and Environmental Sciences, University of Bologna) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna)

- 14:15 **WARRIOR BURIALS AND OTHER MYTHS FROM THE LATE BRONZE AGE IN GREECE**  
Albanese, John (University of Windsor)
- 14:30 **BEDLAM, BAGS, AND BURIAL RITES: FEMALE HIP ASSEMBLAGES IN EARLY MEDIEVAL BRITAIN**  
Fry, Megan (University of Florida)
- 14:45 **RECONSTRUCTING WOMEN'S IDENTITIES IN ROMAN SALONA (DALMATIA) THROUGH FEMALE BURIALS AND GRAVE GOODS IN THE WESTERN NECROPOLIS**  
Banovac, Ivana (Archaeological Museum Split) - Jadrić-Kučan, Ivana (University of Zadar)
- 15:00 **SCULPTING THE SKULL. PATTERNS OF SEX-BIASED TREATMENT OF THE DEAD IN THE EARLY IRON AGE ROMANIA**  
Constantinescu, Mihai (Faculty of History, University of Bucharest)
- 15:15 **RETHINKING GENDER MODELS: A PRELIMINARY ANALYSIS TO RECONSIDER WOMEN'S FUNERARY IDENTITY IN BURIALS FROM THE MIDDLE NEOLITHIC NORTHERN ITALY**  
Colli, Laura - Pizziolo, Giovanna - Mariani, Pier Paolo (Università degli Studi di Siena)
- 15:30 **WOMEN OF POWER? EXPRESSIONS OF GENDER, POWER AND IDEOLOGY IN THE NORDIC BRONZE AGE C. 1300 - 900 BC**  
Felding, Louise (Vejlemuseum)
- 15:45 **DISCUSSION SLOT**

### 843 THE 'DATA RUSH' - ADAPTING TO THE CONSEQUENCES OF INCREASED QUANTITIES OF HIGH-QUALITY DATA IN ARCHAEOLOGICAL RESEARCH

**Room:** 26=CU002-FL1-Aula VI

**Time:** 16:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Ialongo, Nicola (University of Göttingen, Department of Pre- and Protohistory) - Cereda, Susanna (University of Innsbruck, Institute of Archaeologies) - Lago, Giancarlo (University of Bologna) - Johnson, Paul (University of Nottingham; Magnitude Surveys Ltd) - Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the Protection of Cultural Heritage of Slovenia)

#### ABSTRACTS

16:30 REFLECTIONS ON SCALE AND RESOLUTION IN ARCHAEOLOGICAL SURVEY DATASETS (REDUX): FROM HECTARES TO SQUARE-KILOMETERS (AND BACK)

Johnson, Paul (Magnitude Surveys Ltd; University of Nottingham)

16:45 LARGE-SCALE META-ANALYSIS AS A NEW FRONTIER FOR UNDERSTANDING PAST MOBILITY AND MIGRATION WITH ANCIENT DNA

Schmid, Clemens (Max Planck Institute for Evolutionary Anthropology; Max Planck Institute of Geoanthropology) - Schiffels, Stephan (Max Planck Institute for Evolutionary Anthropology)

17:00 GENDER VISIBILITY IN BURIAL PRACTICES OF PRE- AND PROTOHISTORIC EUROPE

Pape, Eleonore (Max Planck Institute for Evolutionary Anthropology, Department of Archaeogenetic)

17:15 MEASURING UP? EXPLORING THE RELATIONSHIP BETWEEN THE 'DATA RUSH' AND ARCHAEOLOGICAL PROXIES FOR DEMOGRAPHY AND INEQUALITY

Lawrence, Dan (Durham University)

17:30 DATA SELLS... BUT WHO'S BUYING? EXPLORING PROXIES OF ECONOMIC GROWTH IN BRONZE AGE EUROPE

Ialongo, Nicola (University of Göttingen)

17:45 NEW PERSPECTIVES IN QUANTITATIVE ARCHAEOLOGY: DATA DRIVEN APPROACHES IN POTTERY ANALYSIS

Cardarelli, Lorenzo (University of Roma la Sapienza; CNR - Istituto di Scienze del Patrimonio Culturale)

18:00 SUBJECTIVITY AND REFLEXIVITY AS FOUNDATION FOR AN EXTRAORDINARILY FERTILE COLLABORATION BETWEEN ARCHITECTURE AND ARCHAEOLOGY  
Toulouse, Catherine (Lengyel Toulouse Architects) - Lengyel, Dominik (Btu Brandenburg University of Technology Cottbus-Senftenberg)

18:15 DISCUSSION SLOT

### 848 THE ARCHAEOGENETICS OF ANCIENT ITALY: SOCIO-CULTURAL CHANGES, INTERACTION AND MOBILITY FROM PREHISTORY TO THE MIDDLE AGES

**Room:** 51=CU006-FLG-Aula II

**Time:** 8:30 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Fontani, Francesco (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Cultural Heritage, University of Bologna) - Sabatini, Serena (University of Gothenburg) - Vai, Stefania (Department of Biology, University of Florence) - Scorrano, Gabriele (University of Copenhagen)

#### ABSTRACTS

8:30 THE BIOMOLECULAR PROFILE OF 17,000-YEAR-OLD HUMAN REMAINS FROM RIPARO TAGLIANTE

Posth, Cosimo - Efe Yavuz, Orhan (University of Tübingen) - Oxilia, Gregorio - Silvestrini, Sara - Tassoni, Laura (University of Bologna) - Drucker, Dorothee (Senckenberg Centre for Human Evolution and Palaeoenvironment at the University of Tübingen) - Talamo, Sahra (University of Bologna) - Fontana, Federica (University of Ferrara) - Benazzi, Stefano (University of Bologna)

8:45 UNCOVERING THE GENOMIC STRUCTURE OF PREHISTORIC INDIVIDUALS FROM THE ICEMAN'S TERRITORY IN THE EASTERN ITALIAN ALPS

Coia, Valentina - Croze, Myriam - Paladin, Alice - Zingale, Stefania - Maixner, Frank (EURAC Research, Institute for Mummy Studies) - Günther, Torsten (Department of Organismal Biology, Evolutionary Biology Centre, Uppsala University) - Zink, Albert (EURAC Research, Institute for Mummy Studies) - Pedrotti, Annalisa (Department of Humanities, University of Trento)

- 9:00 **PALEOGENOMIC ANALYSIS IN A MULTIDISCIPLINARY FRAMEWORK FOR A FINE DESCRIPTION OF A COPPER AGE SITE: CORNA NIBBIA DI BIONE (BRESCIA)**  
Savarino, Francesco - Vanni, Margherita - Modi, Alessandra (Department of Biology, University of Florence) - Pizziolo, Giovanna (Department of Historical Sciences and Cultural Heritage University of Siena) - Dori, Irene - Moggi Cecchi, Jacopo (Department of Biology, University of Florence) - Baioni, Marco (Valle Sabbia Archaeological Museum) - Caramelli, David (Department of Biology, University of Florence) - Lo Vetro, Domenico (Department of History, Archaeology, Geography, Art and Entertainment; Florentine Museum and Institute of Prehistory Paolo Graziosi) - Vai, Stefania (Department of Biology, University of Florence)
- 9:15 **DISCUSSION SLOT**
- 9:30 **GENOMIC ANALYSIS OF HUMAN SKELETAL REMAINS FROM THE ANCIENT BRONZE AGE NECROPOLIS OF VIGGIANO (PZ, BASILICATA, ITALY)**  
Lucci, Michaela (Sapienza University of Rome) - Antonelli, Lorenzo (Department of Environmental Biology, Sapienza University of Rome) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Evolutionary Anthropology, University of Vienna; Department of Genetics, Harvard Medical School) - la Pastina, Francesco (Department of Environmental Biology, Sapienza University of Rome) - Mittnik, Alissa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Natali, Elana (Freelance Researcher) - Rohland, Nadin (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Fernandes, Daniel (Institute of Geosciences, Goethe University Frankfurt; Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra; Department of Evolutionary Anthropology, University of Vienna)
- 9:45 **GENETIC ANCESTRY AND KINSHIP PRACTICES IN MIDDLE BRONZE AGE CALABRIA**  
Fontani, Francesco (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Cultural Heritage, University of Bologna) - Larocca, Felice (Speleo-Archaeological Research Centre "Enzo dei Medici") - Cilli, Elisabetta (Department of Cultural Heritage, University of Bologna) - Luiselli, Donata (De-

partment of Cultural Heritage, University of Bologna) - Stockhammer, Philipp (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Krause, Johannes - Mittnik, Alissa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)

- 10:00 **ANCIENT GENOMES FROM A ROCA VECCHIA, APULIA, SHED LIGHT ON MINOAN MODES OF COLONISATION**  
Nicolini, Valeria (Department of Biology and Biotechnology „L. Spallanzani“, University of Pavia) - Montinaro, Francesco (Department of Biology, University of Bari; Institute of Genomics, University of Tartu) - Aneli, Serena (Department of Public Health and Pediatrics, University of Turin) - Sasso, Stefania (Institute of Genomics, University of Tartu) - Saupe, Tina (Institute of Organismal Biology, Evolutionary Biology Centre, University of Uppsala) - Guglielmino, Riccardo (Department of Cultural Heritage, University of Salento) - Vincenti, Giorgia (Department of Cultural Heritage, University of Salento) - Fabbri, Pier Francesco (Museo Fiorentino di Preistoria) - Pagani, Luca (Department of Biology, University of Padova; Institute of Genomics, University of Tartu)
- 10:15 **DISCUSSION SLOT**
- 11:00 **NEW INSIGHTS IN THE POPULATION DYNAMICS OF THE ITALIC IRON AGE: ARCHAEOGENETIC ANALYSIS OF THE MIDDLE-ADRIATIC CULTURES**  
Ravasini, Francesco (Sapienza University of Rome) - Solnik, Anu (University of Tartu) - Delpino, Chiara - Finocchi, Stefano - Giroladini, Pierluigi (Superintendence Archaeology, Fine Arts and Landscape for the Metropolitan City of Florence and the Provinces of Pistoia and Prato, Ministry of Cultural Heritage, Italy) - Scheib, Christiana (Department of Zoology, University of Cambridge) - Tambets, Kristiina (University of Tartu) - Cruciani, Fulvio (Sapienza University of Rome; Institute of Molecular Biology and Pathology, CNR Italy) - d'Atanasio, Eugenia (Institute of Molecular Biology and Pathology, CNR Italy) - Trombetta, Beniamino (Sapienza University of Rome)
- 11:15 **ALFEDENA (AQ, ABRUZZO, ITALY, A 6TH-5TH CENTURY BCE SAMNITE COMMUNITY: ANALYSIS OF KINSHIP AND SOCIAL STRUCTURE THROUGH ARCHAEOGENETIC DATA**  
Coppa, Alfredo (Sapienza University of Rome; Department of Evolutionary Anthropology, University of Vienna; Department of Genetics, Harvard Medical School) - Bondioli, Luca (Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music, University of Padua) - d'Anastasio, Ruggero (Department of Medicine and

Aging Sciences, University „G. d’Annunzio“ Chieti-Pescara) - d’Ercole, Vincenzo (Department of Humanities, Arts and Social Sciences, University “G. d’Annunzio Chieti-Pescara) - Lugli, Federico (Institute of Geosciences, Goethe University Frankfurt; Department of Chemical and Geological Science, University of Modena and Reggio Emilia) - Lucci, Michaela (Department of Environmental Biology, Sapienza University of Rome) - Nava, Alessia (Department of Odontostomatological and Maxillo Facial Sciences, Sapienza University of Rome) - Mittnik, Alissa (Max Planck Institute for Evolutionary Anthropology; Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University)

11:30 **ARCHAEOGENETIC CHARACTERIZATION REVEALS SOCIAL ENDOGAMY AMONG SAMNITE GROUPS IN ANCIENT PRE-ROMAN ITALY (PONTECAGNANO, CAMPANIA, 5TH-4TH CENTURY BCE)**

Riccomi, Giulia (Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa; Department of Archaeology, Max Planck Institute of Geoanthropology) - Petta, Valeria (Università degli Studi di Salerno) - Giuffra, Valentina (Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa) - Pellegrino, Carmine (Università degli Studi di Salerno) - Sirak, Kendra (Department of Human Evolutionary Biology, Harvard University) - Mittnik, Alissa (Department of Human Evolutionary Biology, Harvard University; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Reich, David Emil (Department of Human Evolutionary Biology, Harvard University)

11:45 **DISCUSSION SLOT**

12:00 **KINSHIP PATTERNS AND GENETIC PROFILE IN THE LATE IRON AGE SEMINARIO VESCOVILE NECROPOLIS (NORTHEASTERN ITALY; 3RD - 1ST CENTURIES BCE)**

Zingale, Stefania (Institute for Mummy Studies, EURAC Research) - Laffranchi, Zita (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Paladin, Alice - Goffredo, Giulia (Institute for Mummy Studies, EURAC Research) - Salzani, Luciano (Soprintendenza Per I Beni Archeologici del Veneto, Settore Territorio, Sede di Padova-Nucleo di Verona) - Dori, Irene (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di Verona, Rovigo e Vicenza; Department of Biology, University of Florence) -

Zink, Albert (Institute for Mummy Studies, EURAC Research; Faculty of Biology, Ludwig Maximilian University of Munich) - Milella, Marco (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Coia, Valentina (Institute for Mummy Studies, EURAC Research)

12:15 **REINTERPRETING POMPEII'S PLASTER CASTS USING ANCIENT DNA**

Mittnik, Alissa (Max Planck Institute for Evolutionary Anthropology; Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School) - Pilli, Elena - Vai, Stefania (Department of Biology, University of Florence) - Moses, Victoria (Department of Human Evolutionary Biology, Harvard University; Department of History, Harvard University) - Modi, Alessandra - Morelli, Stefania (Department of Biology, University of Florence) - Amoretti, Valeria (Parco Archeologico di Pompei) - Osanna, Massimo (Ministry of Cultural Heritage and Activities and Tourism, Rome) - Caramelli, David (Department of Biology, University of Florence) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of MIT and Harvard)

12:30 **HERCULANEUM, 79 CE: ARCHAEOGENETIC INSIGHTS INTO ROMAN SOCIETY FROM A CATASTROPHIC DEATH ASSEMBLAGE**

Petrone, Pier Paolo (Department of Advanced Biomedical Sciences, Unit of Forensic Medicine, University of Naples Federico II) - Mittnik, Alissa (Max Planck Institute for Evolutionary Anthropology; Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology) - Reich, David (Max Planck Institute for Evolutionary Anthropology; Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of Harvard and MIT)

12:45 **DISCUSSION SLOT**

14:00 **POPULATION CHANGES IN NORTHERN ITALY FROM THE IRON AGE TO MODERN TIMES**

Yavuz, Orhan Efe (Archaeo- and Palaeogenetics Group, Institute for Archaeological Sciences, University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen) - Zaro, Valentina (Dipartimento di Biologia, Università degli Studi di Firenze) - Laffranchi, Zita (Institute of Forensic Medicine, Department

of Physical Anthropology, University of Bern) - Dori, Irene (Dipartimento di Biologia, Università degli Studi di Firenze; Soprintendenza Archeologia Belle Arti e Paesaggio Per Le Province di Verona, Rovigo e Vicenza) - Bruno, Brunella (Soprintendenza Archeologia Belle Arti e Paesaggio Per Le Province di Verona, Rovigo e Vicenza) - Belcastro, Maria (Dipartimento di Scienze Biologiche, Geologiche e Ambientali, Università di Bologna) - Milella, Marco (Institute of Forensic Medicine, Department of Physical Anthropology, University of Bern) - Lari, Martina - Caramelli, David (Dipartimento di Biologia, Università degli Studi di Firenze) - Posth, Cosimo (Archaeo- and Palaeogenetics Group, Institute for Archaeological Sciences, University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)

14:15

**THE LATE ANTIQUE/EARLY MEDIEVAL NECROPOLIS OF CASTEL SOZZIO (CIVITELLA D'AGLIANO, VT, ITALY): A MULTIDISCIPLINARY RESEARCH APPROACH**

Candilio, Francesca (Museo Delle Civiltà, Italian Ministry of Culture; Department of Environmental Biology, Sapienza University of Rome) - Antonelli, Lorenzo (Department of Environmental Biology, Sapienza University of Rome) - Borgia, Emanuela (Department of Antiquities, Sapienza University of Rome) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Evolutionary Anthropology, University of Vienna; Department of Genetics, Harvard Medical School) - la Pastina, Francesco (Department of Environmental Biology, Sapienza University of Rome) - Lugli, Federico (Institute of Geosciences, Goethe University Frankfurt; Department of Chemical and Geological Science, University of Modena and Reggio Emilia) - Lucci, Michaela (Department of Environmental Biology, Sapienza University of Rome) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Fernandes, Daniel (Department of Evolutionary Anthropology, University of Vienna; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra)

14:30

**AN ARCHAEOGENETIC STUDY OF THE RISE OF THE MARITIME REPUBLIC OF NOLI, ITALY**

Moots, Hannah (Centre for Palaeogenetics) - Gordon, Imani (University of Chicago) - Gold, Claire L. (University of Massachusetts Amherst) - Fuente, Constanza (University of Chicago) - Bandyopadhyay,

14:45

Esha (University of Chicago) - Koch, Emily (University of Michigan) - Witonsky, David - Lupiáñez-Corpa, Natividad (University of Chicago) - Raghavan, Maanasa (University of Chicago) - Holt, Brigitte (University of Massachusetts Amherst)

**DISCUSSION SLOT**

15:00

**ARCHAEOGENETIC INSIGHTS INTO THE ANCIENT CITY OF BLANDA: A MILLENNIAL PERSPECTIVE FROM THE NECROPOLIS OF TORTORA (CS, CALABRIA, ITALY)**

Mollo, Fabrizio (University of Messina) - Barbato, Mariangela (Superintendency of Archaeology, Fine Arts and Landscape for the Province of Cosenza) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Evolutionary Anthropology, University of Vienna; Department of Genetics, Harvard Medical School) - la Pastina, Francesco - Lucci, Michaela (Department of Environmental Biology, Sapienza University of Rome) - Mallick, Swapan (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Sperduti, Alessandra (Servizio di BioArcheologia, Museo Delle Civiltà, Italian Ministry of Culture; Università degli Studi "L'Orientale" di Napoli) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Mittnik, Alissa (Max Planck Institute for Evolutionary Anthropology; Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University)

15:15

**1000 ANCIENT ITALIAN GENOMES: EVIDENCE FROM ANCIENT BIOMOLECULES FOR UNRAVELLING PAST HUMAN POPULATION DYNAMICS**

Vai, Stefania (Department of Biology, University of Florence) - Boscolo Agostini, Rajiv (Department of Life Sciences and Biotechnologies, University of Ferrara) - Mittnik, Alissa (Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Luiselli, Donata (Department of Cultural Heritage, Ravenna, University of Bologna) - Rickards, Olga (Department of Biology, University of Rome, Tor Vergata) - Sineo, Luca (Department of Biological, Chemical and Pharmaceutical Sciences and Technologies, University of Palermo) - Volante, Nicoletta (Department of History and Cultural Heritage, University of Siena) - Ghirotto,



Silvia (Department of Life Sciences and Biotechnologies, University of Ferrara) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of MIT and Harvard) - Caramelli, David (Department of Biology, University of Florence)

15:30 DISCUSSION SLOT

## 852 MANUFACTURING MEMORY. PAST MNEMOTOPOI AND PRESENT MAP-MAKING IN THE QUEST OF COLLECTIVE MEMORIES

**Room:** 26=CU002-FL1-Aula VI

**Time:** 8:30 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Session with keynote presentation and discussion

**Organisers:** Da Vela, Raffaella (Sfb1070 Ressourcenkulturen University of Tübingen) - Ballmer, Ariane (Independent Researcher) - Irvin, Aaron (Murray State University) - Schumann, Robert (University of Hamburg) - Giovannetti, Chiara (Sapienza University of Rome)

### ABSTRACTS

8:30 INTRODUCTION

8:45 THE INVENTION OF CULTURAL HERITAGE AND MEMORY. ANTHROPOLOGICAL PERSPECTIVES ON A CONTESTED CONCEPT AND THE STORY OF AN (UN)POPULAR MONUMENT  
Klocke-Daffa, Sabine (University of Tuebingen)

9:00 METSEMEGOLGOLO: OF FRAGMENTED ARCHIVES AND STORY-MAPPING FOR THE EXPLORATION OF ANCIENT AFRICAN URBANISM  
Merlo, Stefania (University of Cambridge) - Wintjes, Justine (Kwa-Zulu Natal Museum) - Coetzee, Anton (School of Arts, University of the Witwatersrand)

9:15 MARKING THE PAST, ORGANIZING THE PRESENT, SHAPING THE FUTURE: THE TREES OF THE KAABU KINGDOM (SENEGAMBIA, 13TH-19TH C)  
Canós-Donnay, Sirio (Incipit - Instituto de Ciencias del Patrimonio, CSIC - Consejo Superior de Invest)

9:30 DISCUSSION SLOT

9:45 HEROES, ANCESTORS, AND TREES: WRITING MANDLAKAZE'S HISTORY INTO THE LANDSCAPE

Cruz, M Dores (University of Cologne)

10:00 PLANTING HOME GROUND: TREES IN SPECIAL BLACK AMERICAN YARDS

Gundaker, Grey (Teachers College Columbia University)

10:15 DISCUSSION SLOT

11:00 ARCHITECTURAL RITUAL AS MNEMONIC ACT: GUDEA'S TEMPLE BUILDING SEEN THROUGH THE DEDICATIONS AND THE WORKFORCE

Sen, Kutay (Columbia University)

11:15 MONUMENTAL 'MEMORYSCAPES' OF SARDINIA: NURAGIC RE-USE THROUGH SPACE, TIME, AND MEMORY

Gustafson, Julia (University of Cambridge)

11:30 DISCUSSION SLOT

11:45 ANCIENT ASIAN ECHOES: TRACING CULTURAL MEMORIES THROUGH ARTISTIC REPRESENTATIONS OF HUMAN-HEADED BIRD

Sun, Yu (Durham University)

12:00 SPATIAL MODES OF CULTURAL MEMORY AS SEEN IN THE ALPINE BRONZE AGE

Ballmer, Ariane (Independent Researcher)

12:15 MEMORY INFRASTRUCTURES IN THE IRON AGE NORTHERN APENNINES AS RESOURCES FOR THE CONSTRUCTION OF MEMORYSCAPES

Da Vela, Raffaella (Sfb1070 Ressourcenkulturen University of Tübingen)

12:30 NECROPOLEIS AS MNEMONIC PALIMPSEST: TOMB VIOLATION, TOUCH, AND REMEMBRANCE IN PRE-ROMAN ITALY

Peruzzi, Bice (Rutgers State University of New Jersey)

12:45 DISCUSSION SLOT

14:00 MANUFACTURED MEMORY AND THE URBANIZATION OF ROMAN GAUL

Irvin, Aaron (Murray State University)

14:15 HEADRESS, COMBAT HEADRESS, THE POWER OF INSIGNIA

Fleury, Béatrice (Freelance)

14:30 A PLAYFUL MAPPING APPROACH TO ARCHAEOLOGICAL LANDSCAPES

Giovannetti, Chiara (Sapienza University of Rome) - Anichini, Francesca - Basile, Salvatore - Gattiglia, Gabriele - Paperini, Elisa - Sciuto, Claudia - Voccia, Raffaele (Università di Pisa)

- 14:45 ARCHAEOLOGY, CRAFTING MAPS, AND POLITICAL CHANGE: PLAYFULLY MAPPING THE CONTESTED URBAN LANDSCAPES AND MEMORIES OF SURIÇI IN DIYARBAKIR  
Hacıgüzeller, Piraye (University of Antwerp)
- 15:00 TO MAP A COUNTRY'S ANCIENT REMAINS AND CULTURAL HERITAGE WITHIN THE FRAMEWORK OF SYSTEMATIC PROTECTION AND INTERACTIVE PRESERVATION  
Thunberg, Carl L. (Västernorrland County Museum; Icom)
- 15:15 DISCUSSION SLOT
- 15:30 DISCUSSION SLOT

### 857 PERSISTENT SIGNS ON SURFACES: THE INNOVATIVE USE OF VISUAL ARCHAEOLOGY TECHNIQUES IN INVESTIGATING VOLUNTARY AND CRAFTING MARKS

**Room:** 16=CU003-FL3-Chabod

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Previti, Giulia (Sapienza University of Rome, Department of Science of Antiquity) - Giorgi, Lavinia (Sapienza University of Rome, Department of Classics) - Langner, Martin (Georg-August-Universität Göttingen, Institute for Digital Humanities) - Lerma, Jose Luis (Universitat Politècnica de València, Department of Cartographic Engineering, Geodesy and Photogrammetry) - Serino, Marco (Università degli Studi di Torino, Department of Historical Studies)

### ABSTRACTS

- 8:30 POTENTIALITY OF RTI AND HDR ON BRONZE AGE PHAISTOS "WRITING" SYSTEMS: THE PA-I-TO/PHAISTOS EPIGRAPHIC PROJECT  
Giorgi, Lavinia - Greco, Alessandro (Sapienza University of Rome, Department of Classics) - Lopez, Sara (Independent Researcher)
- 8:45 EXPLORING MYCENAEAN KNAPPERS' TOOLKITS  
Boitte, Odysseas (Université Paris 1 Panthéon-Sorbonne; UMR 7041 Arscan Protohistoire Égéenne) - Vargiolu, Roberto (Ecole Centrale de Lyon; UMR 5513 Leds) - Vosges, Jérémie (UMR 5133 Archéorient) - Procopiou, Hara (Université Paris 1 Panthéon-Sorbonne; UMR 7041 Arscan Protohistoire Égéenne)

- 9:00 THE PORTRAIT OF KING SARGON II: 3D SCANNING, FILTERING AND COMPUTATIONAL IMAGING FOR SEMANTIC DATA EXTRACTION  
Diara, Filippo - de Martino, Stefano (University of Turin - Historical Studies Department)
- 9:15 DISCUSSION SLOT
- 9:30 TECHNOLOGICAL INSIGHTS IN SOUTH ITALIAN RED-FIGURE POTTERY: NEW EVIDENCE FROM COMPUTATIONAL IMAGING AND EXPERIMENTAL ARCHAEOLOGY  
Serino, Marco (Università degli Studi di Torino)
- 9:45 DIGITAL TECHNIQUES FOR ACQUIRING POTTERY SURFACES: COMPARING METHODS FOR ANALYSING TECHNOLOGICAL TRACES AND IMPRINTS ON EXPERIMENTAL REFERENCE COLLECTIONS  
Previti, Giulia - di Lello, Claudia - Lemorini, Cristina (Sapienza University of Rome, Department of Science of Antiquities, LTFAPA Laboratory)
- 10:00 THE DARK SIDE OF PHARMACY JARS: THREE-DIMENSIONALITY AND PHOTOGRAMMETRY OF THE POTTERY OF THE GORGA COLLECTION (SAPIENZA, UNIVERSITY OF ROME)  
Cymerman Abad, Adriana (Sapienza, Università di Roma)
- 10:15 DISCUSSION SLOT
- 11:00 „THE TRACK SEEN WITH POLYCAM": A COMPARISON OF SFM SOFTWARE FOR 3D MACRO-TRACES CAPTURE IN THE HOLY SEPULCHRE (JERUSALEM)  
Vacatello, Federica - Melega, Alessandro (Sapienza Università di Roma)
- 11:15 VISUAL ARCHAEOLOGY TECHNIQUES TO ELICIT THE HISTORICAL GRAFFITI IN SAINT SOPHIA CATHEDRAL  
Almevik, Gunnar - Westin, Jonathan (University of Gothenburg)
- 11:30 "THE NINE MEN'S MORRIS IS FILLED UP WITH MUD": MATERIAL TRACES OF PLAY AT THE PRIGIONE DEL CASTELLO, NOTO ANTICA  
Anthony, Alexander (Syracuse University)
- 11:45 DISCUSSION SLOT
- 12:00 UNVEILING THE HIDDEN STORIES: THE IMPACT OF DIGITAL TECHNOLOGIES ON MEDIEVAL EPIGRAPHIC RESEARCH  
Luci, Beatrice (Sapienza - Università di Roma)
- 12:15 FROM THE DIGITAL SURVEY OF HISTORIC BUILDINGS TO THE TRACES OF CONSTRUCTION SITES: SOME CASE STUDIES OF THE MIDDLE AGES.  
Moschetto, Francesco (Sapienza University of Rome, Department of Science of Antiquity)

- 12:30 PHOTOGRAMMETRIC DOCUMENTATION AND VIRTUAL IMAGE ANALYSIS OF THE HISTORIC MARITIM GRAFFITI OF THE SANTA BÁRBARA WALL IN PEÑÍSCOLA  
Lerma, José - Rahrig, Max (Universitat Politècnica de València) - Patrucco, Giacomo (Politecnico di Torino) - Zurita, José (Museu de la Mar)
- 12:45 DISCUSSION SLOT

### 895 PERCEIVING AND SHAPING LANDSCAPES

- Room:** 10=CU003-FL1-Aula V  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Schaefer-Di Maida, Stefanie (Institute for Pre- and Protohistoric Archaeology, CAU Kiel; Crc 1266) - di Maida, Gianpiero (CCEHN Project - Niedersächsisches Landesamt für Denkmalpflege, Hannover) - Wollentz, Gustav (Nordic Centre of Heritage Learning and Creativity)

### ABSTRACTS

- 14:00 NEANDERTHALS AND THE CAVE  
Di Maida, Gianpiero (Niedersächsisches Landesamt für Denkmalpflege)
- 14:15 WHEN THE SHEEP GOES MARCHING IN. PERSPECTIVES ON THE PREHISTORIC SYLTHOLM FJORD, DENMARK  
Groß, Daniel - Koivisto, Satu - Måge, Bjørnar (Museum Lolland-Falster) - Philippsen, Bente (Norwegian University of Science and Technology) - Robson, Harry (University of York) - Brinch, Marie (Museum Lolland-Falster) - Schmolcke, Ulrich (Leibniz Zentrum für Archäologie; Museum Lolland-Falster)
- 14:30 NOW YOU SEE ME. INFLUENCE OF LANDSCAPE ON SETTLEMENTS FROM THE NEOLITHIC TO THE EARLY BRONZE AGE IN NORTH-EASTERN GERMANY  
Raese, Hendrik (Institute for Pre- and Protohistoric Archaeology, CAU Kiel)
- 14:45 DISCUSSION SLOT
- 15:00 EVERYTHING HAD IT'S PLACE? SHAPING AND PERCEIVING BRONZE AGE LANDSCAPES IN NORTHERN GERMANY  
Schaefer-Di Maida, Stefanie (CAU Institut für Ur- und Frühgeschichte)

- 15:15 ANCESTRAL COMMONS: SHAPING THE INTERCONNECTED WORLDS OF BRONZE AGE PASTURES IN NORTHERN EUROPE  
Haughton, Mark (Aarhus University) - Løvschal, Mette (Aarhus University; Moesgaard Museum)
- 15:30 STRUCTURE OR CHAOS? A TALE OF TWO COOKING PIT AREAS  
Beck, Malene (Østfyns Museer)
- 15:45 DISCUSSION SLOT
- 16:30 FROM ARCHAEOLOGICAL EVIDENCE TO ENCHANTED WORLDS: A PROPOSAL TO EXPLORE PREHISTORIC LANDSCAPES  
Díaz de Liaño, Guillermo (MOLA - Museum of London Archaeology) - Gonzalez San Martin, Ana (Brown University)
- 16:45 ISLAND FORESTRY - AVAILABILITY, MANAGEMENT AND PERCEPTION OF WOOD RESOURCES ON ISLANDS FROM AN ARCHAEOLOGICAL AND ETHNOGRAPHIC PERSPECTIVE  
Speciale, Claudia (Institut Català de Paleoeologia Humana i Evolució Social - Iphes; Universidad Rovira i Virgili - URV; University of Gothenburg) - Picornell-Gelabert, Llorenç (University of the Balearic Islands) - Vidal-Matutano, Paloma (Universidad de la Laguna) - Allué, Ethel (Institut Català de Paleoeologia Humana i Evolució Social - Iphes; Universidad Rovira i Virgili - URV)
- 17:00 PALSTAVES FACING THE SEA: EXPLORING COASTAL HOARDING TRADITIONS DURING THE TRANSITION FROM BRONZE AGE TO IRON AGE IN NORTHWESTERN IBERIA  
G. Faro, María - Armada, Xosé-Lois (Spanish National Research Council)
- 17:15 DISCUSSION SLOT
- 17:30 REIMAGINING MINING LANDSCAPES IN THE SIEGERLAND (GERMANY) - THEORY AND PRACTICE OF CULTURAL APPROPRIATION AND SHAPED SPACE  
Stähler, Carmen (Ruhr-University Bochum)
- 17:45 GENDER AND COSMOLOGY IN EARLY IRON AGE MORTUARY MONUMENTS AND LANDSCAPES  
Murray, Matthew (University of Mississippi)
- 18:00 WITHIN THE STORIES OF A LANDSCAPE  
Karlsson, Anna-Karin (Kalmar County Museum)
- 18:00 DISCUSSION SLOT

## 901 UNDERSTANDING THE RESEARCH PROCESS AS A CHAÎNE OPÉRATOIRE

**Room:** 46=CU013-FL2-Rasetti

**Time:** 11:00 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Kaiser, Jessica - Huvila, Isto - Friberg, Zanna (Uppsala University) - Battle Baro, Sabina (University of Barcelona)

### ABSTRACTS

11:00 INTRODUCTION

11:15 CHAINED TO THE METHOD? HOW MIGHT DATA COLLECTION INFLUENCE POSTERIOR SHARING

Battle Baró, Sabina (Universitat de Barcelona)

11:30 PRACTICE AS (NOT) A SUM OF ACTIONS: MEETING TWO CHAÎNES OPÉRATOIRES HALF-WAY

Huvila, Isto (Uppsala University)

11:45 PREREGISTERING ARCHAEOLOGICAL RESEARCH DESIGNS AND TESTING SHORELINE DATING

Roalkvam, Isak (University of Oslo)

12:00 TRUE INTEGRATION: THE JOURNEY TO PRESENT ARCHAEOLOGICAL DOCUMENTATION WITH THE CRM FAMILY

Jansen, Jane (Arkeologerna; Intrasis) - Stead, Stephen (Paveprime Ltd; Open University)

12:15 BROKEN LINKS OR PARALLEL CHAINS OF EVIDENCE? DIARIES AND PRO FORMA FROM A SPECIALIST PERSPECTIVE

Kaiser, Jessica (Uppsala University)

12:30 DISCUSSION SLOT

12:45 DISCUSSION SLOT

## 902 ARCHAEOLOGY OF WILDERNESS: HUMANS, ANIMALS AND LANDSCAPES THROUGHOUT THE HOLOCENE

**Room:** 77=CU002-FLG-Aula XIII Massimo D'Antona

**Time:** 8:30 - 16:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Vukovic, Sonja (Laboratory for BioArChaeology, Archaeology Department, University of Belgrade - Faculty of Philosophy) - Larsson, Petter I. (University of Helsinki, Department of Cultures, Archaeology) - Marrom, Nimrod (School of Archaeology, University of Haifa) - Živaljević, Ivana (University of Novi Sad - Faculty of Philosophy)

### ABSTRACTS

8:30 UNTANGLING THE ENIGMA OF ANTHROPOGENIC INFLUENCE ON VEGETATION COMPOSITION

Larsson, Petter Ingolf (University of Helsinki)

8:45 PALAEOENVIRONMENTAL CHANGES THROUGH THE HOLOCENE IN CACHEU (GUINEA-BISSAU): PRELIMINARY PALYNOLOGICAL AND FIRE RESULTS

Domingues Gomes, Sandra (UNUARQ - Centre for Archaeology, University of Lisbon) - Costa, Ana Maria (LARC - Archaeosciences Laboratory, DGPC - Directorate General for Cultural Heritage, Portugal; BIOPOLIS and CIBIO; University of Lisbon) - Freitas, Maria Conceição (Dom Luiz Institute; Department of Geology, Faculty of Sciences, University of Lisbon) - Mendes, Patrícia (Archaeosciences Laboratory, DGPC - Directorate General for Cultural Heritage, Portugal) - Arvela, Rute (UNUARQ - Centre for Archaeology, University of Lisbon; Department of Geology, Faculty of Sciences, University of Lisbon) - Gomes Coelho, Rui (UNUARQ - Centre for Archaeology, University of Lisbon; Department of Archaeology, Durham University)

9:00 NEW FINDINGS ON HUMAN IMPACT IN GREATER POLAND DURING THE MIGRATION PERIOD BASED ON HIGH-RESOLUTION PALAEOENVIRONMENTAL RECONSTRUCTIONS

Czerwinski, Sambor (University of Gdańsk, Faculty of Oceanography and Geography - Department of Geomorphology and Quaternary Geology) - Lamentowicz, Mariusz (Adam Mickiewicz University, Institute of Geoecology and Geoinformation - Climate Change Ecology Research Unit) - Izdebski, Adam (Max Planck Institute, Institute for Geoanthropology) - Marcisz, Katarzyna (Adam Mickiewicz University, Institute of Geoecology and Geoinformation - Climate Change

Ecology Research Unit) - Niebieszczański, Jakub (Adam Mickiewicz University, Faculty of Archaeology) - Hajdas, Irka (Ethz, Laboratory of Ion Beam Physics) - Gromig, Raphael (Max Planck Institute, Institute for Geoanthropology; University of Cologne, Institute of Geology and Mineralogy; Simon Fraser University, Department of Earth Sciences) - Wagner, Bernd (University of Cologne, Institute of Geology and Mineralogy) - Gałka, Mariusz (University of Lodz, Faculty of Biology and Environmental Protection- Department of Biogeography- Palaeoecology and Nature Conservation) - Kołaczek, Piotr (Adam Mickiewicz University, Institute of Geoecology and Geoinformation - Climate Change Ecology Research Unit)

9:15 DISCUSSION SLOT

9:30 **HUMANS AND LANDSCAPES IN THE MID-KAMA REGION THROUGHOUT THE HOLOCENE**

Shumilovskikh, Lyudmila - Batalova, Vlada (Georg-August-University Göttingen) - Orlova, Elizaveta (-) - Pereskokov, Mikhail (-) - Sannikov, Pavel (-) - Salova, Julia (University of South Bohemia) - Mingalev, Vitaliy (-) - Vyazov, Leonid (University of Ostrava)

9:45 **HUMAN-ENVIRONMENT INTERACTION IN THE LIGHT OF WOOD EXPLOITATION BETWEEN SISTAN (IRAN) AND GUJARAT (INDIA) DURING THE IV-II MILLENNIUM BC**  
Minervini, Ignazio (University of Salento) - Madella, Marco (Pompeu Fabra University) - Fiorentino, Girolamo (- Primavera, Milena (University of Salento)

10:00 **A WETLAND WILDERNESS AND ITS DESTRUCTION. THE DEVELOPMENT OF A PEATLAND FOREST IN THE WESTERN NETHERLANDS**

Bazelmans, Jos (Cultural Heritage Agency, Netherlands - RCE, Ministry Education, Science and Culture)

10:15 DISCUSSION SLOT

11:00 **ENVIRONMENT AND PLANT GATHERING AT THE MESOLITHIC LJUNGAVIKEN SITE IN SOUTHERN SWEDEN**

Vanhanen, Santeri (The Archaeologists, State Historical Museums) - Lagerås, Per (The Archaeologists, State Historical Museums) - Persson, Carl (Carl Persson Fornforskaren) - Kjällquist, Mathilda (The Archaeologists, State Historical Museums) - Hammarstrand Dehman, Karina (Sydsvensk Arkeologi)

11:15 **WILDLIFE IN THE LANDSCAPE: WILD ANIMAL AND PLANT SPATIO-TEMPORAL DISTRIBUTIONS DURING THE HOLOCENE IN SERBIA**  
Sabanov, Amalia - Radinović, Mihailo - Mladenović, Teodora - Radišić, Teodora - Marković, Dimitrije - Pavlović, Nemanja - Vuković, Sonja (University of Belgrade - Faculty of Philosophy)

11:30 **EXPLORING THE INTERPLAY OF CLIMATE, BIODIVERSITY, AND HUMAN SOCIETIES IN NORTHEAST AFRICA THROUGH SPECIES DISTRIBUTION MODELS**

Lazagabaster, Ignacio (University of Liverpool, Department of Evolution, Ecology & Behaviour; National Research Centre for Human Evolution - CENIEH) - Thomas, Chris (University of York, Department of Biology and Leverhulme Centre for Anthropocene Biodiversity) - Spedding, Juliet (University of Liverpool, Department of Archaeology, Classics and Egyptology) - Ikram, Salima (The American University in Cairo, Department of Sociology, Egyptology and Anthropology) - Snape, Steven (University of Liverpool, Department of Archaeology, Classics and Egyptology) - Solano-Regadera, Irene (University of Liverpool, Department of Evolution, Ecology & Behaviour) - Bro-Jorgensen, Jakob (University of Liverpool, Department of Evolution, Ecology & Behaviour)

11:45 DISCUSSION SLOT

12:00 **MODELLING PAST FORAGING STRATEGIES IN ARID ECOSYSTEMS: BRINGING TOGETHER TRADITIONAL ECOLOGICAL KNOWLEDGE AND COMPUTATIONAL ARCHAEOLOGY**

Paliou, Eleftheria (University of Cologne) - Angourakis, Andreas (University of Cologne; Ruhr University Bochum)

12:15 **AS TIME GOES BY: HUMAN-WILDLIFE DYNAMICS IN THE DANUBE GORGES THROUGHOUT THE HOLOCENE**

Markovic, Dimitrije (Laboratory for BioArChaeology, Department of Archaeology, Faculty of Philosophy, University of Belgrade) - Živaljević, Ivana (Department of History, Faculty of Philosophy, University of Novi Sad) - Vuković, Sonja (Laboratory for BioArChaeology, Department of Archaeology, Faculty of Philosophy, University of Belgrade)

12:30 **PERSISTENCE, DISAPPEARANCE, REDISCOVERY: THE EXTINCTION DYNAMICS OF THE EUROPEAN WILD ASS AND AUROCHS IN THE NORTH-CENTRAL BALKANS**  
Živaljević, Ivana (Department of History, Faculty of Philosophy, University of Novi Sad) - Mladenović, Teodora - Marković, Dimitrije (Laboratory for BioArChaeology, Department of Archaeology, Faculty of Philosophy, University of Belgrade) - Radišić, Teodora - Radinović, Mihailo (Laboratory for BioArChaeology, Department of Archaeolo-

gy, Faculty of Philosophy, University of Belgrade) - Popović, Danijela (Laboratory of Paleogenetics and Conservation Genetics, Centre of New Technologies, University of Warsaw) - Vuković, Sonja (Laboratory for BioArChaeology, Department of Archaeology, Faculty of Philosophy, University of Belgrade)

12:45 DISCUSSION SLOT

14:00 REVEALING THE NATURAL AND CULTURAL HISTORY OF THE BROWN BEAR (URSUS ARCTOS) IN THE CENTRAL BALKANS THROUGH ARCHAEOLOGY AND ARCHAEOGENETICS

Vukovic, Sonja (University of Belgrade - Faculty of Philosophy) - Popović, Danijela (Laboratory of Paleogenetics and Conservation Genetics - University of Warsaw) - Dimitrijević, Vesna (University of Belgrade - Faculty of Philosophy) - Marković, Nemanja (Institute of Archaeology, Belgrade) - Mladenović, Teodora - Marković, Dimitrije (University of Belgrade - Faculty of Philosophy) - Dimitrijević, Ivana (Institute of Archaeology, Belgrade) - Orton, David (BioArCh, Department of Archaeology, University of York) - Zorić, Bojana (Institute of Archaeology, Belgrade) - Živaljević, Ivana (University of Novi Sad - Faculty of Philosophy)

14:15 ANCIENT ENVIRONMENTAL GENOMICS UNCOVERS EXTIRPATED FISH SPECIES AND VEGETATION DYNAMICS IN THE CARPATHIAN BASIN

Zampirolo, Giulia (Section for Molecular Ecology and Evolution, the Globe Institute, University of Copenhagen) - Penezić, Kristina (Biosense Institute, Novi Sad) - Ruter, Anthony (Centre for Ancient Environmental Genomics, the Globe Institute, University of Copenhagen) - Orton, David (Department of Archaeology, University of York) - Živaljević, Ivana (Faculty of Philosophy, University of Novi Sad) - Pedersen, Mikkel (Centre for Ancient Environmental Genomics, the Globe Institute, University of Copenhagen)

14:30 DISCUSSION SLOT

14:45 UNRAVELING THE GENETIC HISTORY OF CATTLE: THE GABRIDGE PROJECT

Sosic Klindzic, Rajna - Tomac, Goran (University of Zagreb Faculty of Humanities and Social Sciences) - Grguric Srzentic, Maja (University of Zadar) - Krznicar Skrivanko, Maja (Vinkovci Municipal Museum) - Drzic, Ivana - Brajkovic, Vladimir - Ferencakovic, Maja - Curik, Ino (University of Zagreb Faculty of Agriculture) - Miracle, Preston Thor (McDonald Institute for Archaeological Research University of Cambridge) - Cubric-Curik, Vlatka (University of Zagreb Faculty of Agriculture Laboratory for Archaeogenetics)

15:00 PALAEOPROTEOMICS OF ANDEAN CAMELID FIBERS

Van Den Hurk, Youri - Dufour, Elise (UMR 7209 Archéozoologie, Archéobotanique - Sociétés, Pratiques et Environnements - AASPE, Centre National de la Recherche Scientifique - CNRS, Muséum National d'Histoire Naturelle - MNHN) - Goepfert, Nicolas (UMR 8096 Archaeology of the Americas - ArchAm, Centre National de la Recherche Scientifique - CNRS, University Paris 1 - Panthéon-Sorbonne) - Zirah, Séverine (UMR 7245 Molécules de Communication et Adaptation des Micro-Organismes - MCAM, Centre National de la Recherche Scientifique - CNRS, Muséum National d'Histoire Naturelle - MNHN)

15:15 DISCUSSION SLOT

**905 MODERNITY AS A COLONIAL PROCESS FROM WITHIN: THE MATERIAL IMPACT OF INDUSTRIALIZATION ON EUROPEAN SOCIETIES**

**Room:** 24=CU002-FL1-Lauree

**Time:** 8:30 - 10:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Tejerizo, Carlos (University of Salamanca) - Martínez-Panizo, Laura (Real Academia de España en Roma)

### ABSTRACTS

8:30 CONSTITUTIONS AND RAILWAYS. ARCHAEOLOGY OF THE AGE OF REVOLUTIONS  
Martin, Gorka (University of the Basque Country) - Carrasco-Gómez, Pablo (University of Barcelona)

8:45 « L'ARCHÉOLOGIE DU COLONIALISME N'EXISTE PAS » ANGLOPHONE HISTORICAL ARCHAEOLOGIES LOST IN TRANSLATION IN FRENCH POLYNESIA  
Perez, Emilie (University of French Polynesia) - Flexner, James - Claret, Moanatea (University of Sydney)

9:00 HISTORICAL ARCHAEOLOGY AND FRANCOPHONE COLONIALISM FAR BEYOND THE ATLANTIC WORLD: CATHOLIC MISSION SITES IN THE MANGAREVA ISLANDS  
Claret, Moanatea - Flexner, James (University of Sydney) - Perez, Emilie (Univertisé de Polynésie Française)

9:15 THE MATERIAL IMPACT OF INDUSTRIALIZATION IN THE RURAL WORLD. A CASE STUDY FROM NORTHWESTERN IBERIA  
Tejerizo, Carlos (University of Salamanca)

- 9:30 MEMORIES OF TRANSITION: THE ARCHAEOLOGICAL LANDSCAPE OF MODERNITY IN SARDINIA  
Sanna Montanelli, Mattia - Pinna, Fabio (University of Cagliari)
- 9:45 THE CONSOLIDATION OF MODERNITY IN ITALY AND SPAIN: THE ARCHAEOLOGY OF COAL MINES DURING THE AUTARCHY  
Martinez, Laura (Real Academia de España en Roma)
- 10:00 FROM PLANTATIONS TO PRISONS: EXAMINING THE ROLE OF FORCED PRISON LABOR IN ENABLING LATE MODERNITY  
Westmont, V. Camille (University of Cambridge)
- 10:15 DISCUSSION SLOT

### 909 INTEGRATING DATA ON ANCIENT WINE AND OIL PRESSES: CHALLENGES AND INTERPRETATIVE POTENTIAL

**Room:** 13=CU003-FL1-Nobile  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Discussion session (with formal abstracts)  
**Organisers:** Van Limbergen, Dimitri (Ghent University) - Waliszewski, Tomasz (University of Warsaw)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 236 : OLEV M ET VINVM ADRIATICVM  
Kopácková, Jana (Archaeological Museum in Zagreb)
- 9:00 THE TECHNOLOGICAL VARIATION OF THE SALONA PRESS  
Stojkovic, Bozidar (Institut für Klassische Archäologie - Universität Wien)
- 9:15 DISCUSSION SLOT
- 9:30 REGIONAL TRADITIONS AND TECHNOLOGY OF ROMAN PRESSING INSTALLATIONS IN CENTRAL AND SOUTHERN ITALY  
Bäse, Sonja (German Archaeological Institute)
- 9:45 ECONOMIC SUSTAINABILITY IN A ROMAN CITY OF THE ANCIENT VASCONES: NEW DATA ON WINE PRODUCTION  
Lorente Sebastián, Paloma - García de la Barrera, Luka - Larequi Fontaneda, Javier (Universidad de Navarra)

- 10:00 IS IT POSSIBLE TO RELIABLY IDENTIFY THE FUNCTION OF ANCIENT PRESSES THROUGH ORGANIC RESIDUE ANALYSIS?  
Polla, Silvia (Freie Universität Berlin)
- 10:15 DISCUSSION SLOT
- 11:00 PRESSING ISSUES IN THE NILE VALLEY. PROBLEMS AND POTENTIAL IN RESEARCH ON WINE INSTALLATIONS IN EGYPT AND SUDAN  
Dzierzbicka, Dorota (Polish Centre of Mediterranean Archaeology, University of Warsaw)
- 11:15 GEOSPATIAL AND CHRONOLOGICAL ANALYSIS OF WINE AND OIL PRODUCTION IN ROMAN HISPANIA  
Gruber, Henry (UNC Chapel Hill)
- 11:30 MULTI-SCALAR AND MULTI-REGIONAL COMPARISONS OF SPECIALIZED OLIVE OIL PRODUCTION IN THE ROMAN EMPIRE  
Rice, Candace (Joukowsky Insitutie for Archaeology and the Ancient World)
- 11:45 DISCUSSION SLOT
- 12:00 APAO: AN ONLINE ATLAS ATLAS OF PRESS FACILITIES IN ANCIENT OCCIDENT FOR THE ANR MICA PROJECT  
Bernigaud, Nicolas (CNRS ASM- UMR 5140) - Bouby, Laurent (ISEM) - Peña Cervantes, Yolanda (UNED) - Pérez Jordà, Guillem (Alicante University) - Rocca, Elsa (Université Paul-Valéry Montpellier 3) - Séjalon, Pierre (Inrap) - Mauné, Stéphane (ASM- UMR 5140 CNRS) - Carrato, Charlotte (Mosaique Archéologie)
- 12:15 RECONSIDERING PLINY THE ELDER'S PERSPECTIVE ON WINE: HOW MUCH HAS HIS VIEW IMPACTED US?  
Falaschi, Eva (Eberhard Karls Universität Tübingen)
- 12:30 DISCUSSION SLOT

## 916 INTEGRATING NEANDERTAL LEGACY: FROM PAST TO PRESENT. FROM SCIENCE TO SOCIETY

**Room:** 7=CU003-FL1-Aula II

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Mihelic, Sanjin (Museum of Arts and Crafts, Zagreb) - Janković, Ivor (Institute for Anthropological Research, Zagreb) - Leskovar, Tamara (University of Ljubljana) - Romagnoli, Francesca (Universidad Autónoma de Madrid) - Rivals, Florent (Institut Català de Paleoecologia Humana i Evolució Social)

### ABSTRACTS

14:00 INTRODUCTION

14:15 INTEGRATING NEANDERTAL LEGACY: FROM PAST TO PRESENT (SLIGHT RETURN)  
Mihelic, Sanjin (Museum of Arts and Crafts, Zagreb) - Janković, Ivor (Institute for Anthropological Research, Zagreb)

14:30 THE TOURTOIRAC ROCK SHELTER: A "FORGOTTEN" LATE MIDDLE PALAEOOLITHIC AND EARLY UPPER PALAEOOLITHIC SEQUENCE WITH CANNIBALIZED NEANDERTHAL REMAINS

Doyon, Luc - Crevecoeur, Isabelle - Armand, Dominique (CNRS UMR5199 PACEA) - Beauval, Cédric (Archéosphère) - Bosq, Mathieu (Géocarq) - Rosso, Daniela (Universitat de Valencia) - Royer, Aurélien (UMR6282 Biogéosciences) - Rufà, Anna (Universidade do Algarve) - Michel, Alexandre (Conseil Départemental de la Dordogne) - Vaissié, Erwan (Paléotime)

14:45 LA ROCHE-COTARD (LANGEAIS, FRANCE). UNE GROTTTE ORNÉE PAR NEANDERTAL  
Marquet, Jean Claude (Chercheur associé GeHCO - Lab. de géologie. Fac. Sciences. Tours; Orcid 0000-0001-6250-4720; Citeres. Lab. Archéologie et Territoires. Tours) - Wojtczak, Dorota (Integrative Prehistory and Archaeological Science, University of Basel; Orcid 0000-0002-3259-0792) - Freiesleben, Trine Holm (Department Physics, Technical University of Denmark)

15:00 UNDERSTANDING THE SITE FUNCTION AND NEANDERTHAL SUBSISTENCE STRATEGIES THROUGH THE MICRO-WEAR ANALYSIS OF THE STONE ARTEFACTS FROM LA ROCHE-COTARD SITE  
Wojtczak, Dorota (IPNA, Basel University) - Marquet, Jean-Claude (Chercheur Associé GeHCO Lab. de Géologie. Fac. Sciences. Tours)

15:15 THE UNUSUAL FRONTAL BONE MORPHOLOGY FROM HAHNÖFERSAND, GERMANY  
Röding, Carolin (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen; Institute for Archaeological Sciences, University of Tübingen) - Profico, Antonio (DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', University of Tübingen; Department of Biology, University of Pisa) - Merkel, Michael (Archäologisches Museum Hamburg und Stadtmuseum Harburg) - Harvati, Katerina (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls University of Tübingen; Institute for Archeological Sciences, Eberhard, Karls University of Tübingen; DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', Eberhard Karls University of Tübingen)

15:30 TAXONOMIC ASSESSMENT OF THE HUMAN REMAINS FROM THE MIDDLE PALEOLITHIC SITE OF GROTTA DEL POGGIO (CILENTO, SOUTHERN ITALY)  
Piccirilli, Erica (Department of Cultural Heritage, University of Bologna) - Sorrentino, Rita (Department of Biological, Geological and Environmental Sciences, University of Bologna) - Seghi, Francesca (Department of Cultural Heritage, University of Bologna) - Belcastro, Maria Giovanna (Department of Biological, Geological and Environmental Sciences, University of Bologna) - Talamo, Sahra (Department of Chemistry G. Ciamician, University of Bologna) - Harvati, Katerina (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls University of Tübingen; Institute for Archaeological Sciences, Eberhard Karls University of Tübingen; DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', Eberhard Karls University of Tübingen) - Ricci, Stefano (Department of Physical Sciences, Earth and Environment, Unità di Ricerca di Preistoria e Antropologia, University of Siena) - Moroni, Adriana (Department of Physical Sciences, Earth and Environment, Unità di Ricerca di Preistoria e Antropologia, University of Siena) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna)

15:45 DISCUSSION SLOT

16:30 INVESTIGATING NEANDERTAL SUBSISTENCE AT THE ROMUALDOVA PEĆINA (CROATIA) SITE THROUGH A MULTIDISCIPLINARY APPROACH TO FAUNAL REMAINS  
Vidas, Lia (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Radović, Siniša (Institute for Quaternary Paleontology and Geology, Croatian Academy of Sciences and Arts) - Silvestrini, Sara (Department of Cultural Heritage, University of Bologna) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main; Department of Chemical and Geological



Sciences, University of Modena and Reggio Emilia) - Sommella, Eduardo - Salviati, Emanuela (Department of Pharmacy, University of Salerno) - Marín-Arroyo, Ana (Grupo I+D+I Evoadapta - Evolución Humana y Adaptaciones Durante la Prehistoria, Departamento Ciencias Históricas, Universidad de Cantabria) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna) - Janković, Ivor (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb)

- 16:45 **NEANDERTHAL OCCUPATION OF THE IONIAN ISLAND OF KEPHALONIA, WESTERN GREECE. PRELIMINARY RESULTS OF THE ASHORE PROJECT**  
Elefanti, Paraskevi - Marshall, Gilbert - Yiannouli, Evyenia (University of the Peloponnese)
- 17:00 **BEYOND THE MODEL: CHALLENGES IN DISTINGUISHING TYPES OF OCCUPATION IN LATE NEANDERTHAL SITES**  
Lubrano, Valentina (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, ICArEHB) - Blasco, Ruth (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV) - Rufà, Anna (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB; Univ. Bordeaux, CNRS, MCC, PACEA) - Rivals, Florent (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Icrea) - Rosell, Jordi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV)
- 17:15 **DISCUSSION SLOT**
- 17:30 **HOW CAN I HELP? NEANDERTHALS AS A CHANNEL FOR PUBLIC ENGAGEMENT. INSIGHTS FROM PORTUGAL**  
Pereira, Telmo (C.E.U.-Cooperativa de Ensino Universitário)
- 17:45 **BREAKING THE EDUCATIONAL ONE-WAY ROAD: THE PALEO EXPERTS**  
Welper, Dustin (Stiftung Neanderthal Museum)
- 18:00 **DISCUSSION SLOT**

## 918 PUBLIC BENEFIT: SHARING, CRITIQUING, BRAIN-STORMING AND BLUE-SKYING EXPERIENCE AND IDEAS TO HELP ARCHAEOLOGY BENEFIT WIDER SOCIETY IN THE FUTURE

- Room:** 22=CU003-FL5-Pirrotta  
**Time:** 8:30 - 13:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Public Benefits of Archaeology Advisory Committee  
**Organisers:** Lewis, Carena (University of Lincoln) - Schulke, Almut (University of Oslo) - Fernández Fernández, Jesús (University of Oviedo) - Rummel, Christoph (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **ARCHEOLOGY MATTERS**  
Host-Madsen, Lene (Museum Skanderborg)
- 9:00 **THE PUBLIC BENEFITS OF HUNTER-FISHER-GATHERER COASTAL HERITAGE - THE HORIZON MSCA DOCTORAL NETWORK ARCHE AND ITS PAST-PRESENT-FUTURE APPROACH**  
Schülke, Almut (Museum of Cultural History University of Oslo)
- 9:15 **COMMUNICATING THE PUBLIC VALUE OF ARCHAEOLOGY IN ESTONIA**  
Lillak, Anu (National Heritage Board)
- 9:30 **DISCUSSION SLOT**
- 9:45 **ARCHAEOLOGY ON THE FRONTIER: ENHANCING EDUCATIONAL PROGRAMS IN REMOTE ISLANDS**  
Arciero, Roberto (Leiden University) - Maggiulli, Ornella (UCL - University College London) - Genovese, Martina (Stazione Zoologica Anton Dohrn; University of Messina) - Torreggiani, Irene (University of Oxford) - Capriotti, Martina (University of Camerino)
- 10:00 **EDUCATIONAL AND OUTREACH PROGRAMS IN THE ATHENIAN AGORA**  
Viktoratou, Io (American School of Classical Studies at Athens)
- 10:15 **DISCUSSION SLOT**
- 11:00 **ABRISKETA: A PUBLIC BENEFIT ENCOURING ARCHAEOLOGICAL PROJECT**  
Campos-Lopez, Teresa (University of the Basque Country- UPV/ EHU) - Fernández Carvajal, José Ángel - Elorza, Lorena - González, Aitziber - Valle, Amaia - Ortega, Ander (Ondare Babesa)

- 11:15 CULTIVATING SUSTAINABLE CHANGE: ARCHAEOLOGICAL IMPACTS AND BENEFITS IN RECENT PROJECTS BY THE UNIVERSITY OF OVIEDO AND LA PONTE-ECOMUSEM  
Garcia, Victor - Cerra Gonzalez, Lucia - Feranandez, Jesus (University of Oviedo)
- 11:30 ARCHAEOLOGY, PLACE AND WELLBEING - JOINING THE DOTS CONNECTING PUBLIC PARTICIPATION IN ARCHAEOLOGY AND WELLBEING IN INDIVIDUALS AND COMMUNITIES  
Lewis, Carena (University of Lincoln) - Van Londen, Heleen (University of Amsterdam) - Marciniak, Arek (University of Poznan) - Vareka, Pavel (University of West Bohemia) - Verspay, Johan (University of Amsterdam)
- 11:45 DISCUSSION SLOT

## 924 ROADS, PASSES AND VALLEYS? RECENT DISCOVERIES AND PERSPECTIVES IN CAUCASUS ARCHAEOLOGY

**Room:** 103=CNR01-FL1-Marconi

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Eloshvili, Mariam (Ilia State University; Society of Young Archaeologists) - Chilingarashvili, Gia (Tbilisi State University; Georgian National Museum) - Rahimi, Maryam (Tehran University)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 FIRST RESULTS OF NEW JOINT INVESTIGATIONS AT GARDABANI KURGAN FIELD  
Rova, Elena (Ca' Foscari University of Venice) - Eloshvili, Mariam (Ilia State University, Tbilisi)
- 9:00 BUILDINGS FROM THE KURA-ARAXES HEARTLAND: REGIONAL BUILDINGS WITH A COMMON TRADITION?  
Claut, Sebastiano (Università Ca' Foscari Venezia)
- 9:15 FIGURING OUT KURA-ARAXES CLAY FIGURINES  
Saribekyan, Mariam (Institute of Archaeology and Ethnography Nas Ra; History Museum of Armenia)

- 9:30 TECHNOLOGICAL PRACTICE OF THE LEYLATEPE COMMUNITIES: GROUND STONE TOOLS FROM THE LATE CHALCOLITHIC SETTLEMENTS OF THE KURA RIVER BASIN  
Hruby, Karolina (Minerva Stiftung, Eurasia Department, German Archaeological Institute) - Iserlis, Mark (Eurasia Department, German Archaeological Institute) - Almamedov, Khagani (Institute of Archaeology, Ethnography and Anthropology of the Azerbaijan National Academy of Science) - Jalabadze, Mindia (Georgian National Museum)
- 9:45 IRMIS RKA SETTLEMENT: THE FRONTIER SITE OF THE KURA-ARAXES CULTURE: LOCAL TRADITIONS AND REGIONAL NETWORKS  
Chilingarashvili, Gia (Georgian National Museum; Tbilisi State University)
- 10:00 SHAPING LIEUX DE MÉMOIRE IN THE SOUTHERN CAUCASUS: A COMPARATIVE ANALYSIS ON THE KURGANS FROM EASTERN GEORGIA AND WESTERN AZERBAIJAN  
Fiori, Stefania (Roots Exzellenzcluster; Institut Fuer Ur- und Fruehgeschichte Kiel)
- 10:15 DISCUSSION SLOT
- 11:00 BIOMOLECULAR INSIGHTS INTO EARLY HUMAN LIFEWAYS DURING THE CHALCOLITHIC PERIOD OF THE LESSER CAUCASUS  
Antonosyan, Mariya (Department of Archaeology, Max Planck Institute of Geoanthropology) - Maurer, Gwendoline (School of Archaeology, Geography & Environmental Sciences, University of Reading) - Saribekyan, Mariam (Institute of Archaeology and Ethnography Nas Armenia) - Mkrtchyan, Satenik (Institute of Molecular Biology, Nas Armenia) - Azatyan, Karen (Yeghegnadzor Regional Museum, Armenia) - Yepiskoposyan, Levon (Institute of Molecular Biology, Nas Armenia) - Roberts, Patrick (Department of Archaeology, Max Planck Institute of Geoanthropology) - Amano, Noel (Department of Archaeology, Max Planck Institute of Geoanthropology)
- 11:15 THE "DESERT KITES": NEWLY INVESTIGATED EXCEPTIONAL MONUMENTS IN THE CAUCASUS  
Shakhmuradyan, Mariam (Institute of Archaeology and Ethnography of Armenian Academy of Sciences)
- 11:30 KHRAMIS DIDI GORA - PROFILE CLEANING AND DATING THE LAYERS  
Eloshvili, Mariam (Ilia State University)
- 11:45 ARCHITECTURAL STRUCTURE AND SUBSISTENCE CONDITIONS OF NEOLITHIC SOCIETIES IN THE SOUTHERN CAUCASUS AND THE IRANIAN PLATEAU  
Rahimi, Maryam (Archeology Institute of University of Tehran)

- 12:00 CAUSATION WITHOUT LOCATION? RETHINKING KURA-ARAXES SPATIO-TEMPORAL DYNAMICS THROUGH CONTEXTUAL BAYESIAN CHRONOLOGIES  
Passerini, Annapaola (Cornell University; Einstein Centre Chronoi)
- 12:15 DISCUSSION SLOT

### 934 SACRED LANDSCAPES IN CONTEXT: CREATION, DEVELOPMENT, AND CONCEPTUALISATION

- Room:** 2=CU003-EXT-Vetri  
**Time:** 14:00 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Zapelloni Pavia, Arianna (Charles University Prague) - Comes-Trinidad, Emilie (Laboratoire ARAR - Maison de l'Orient et de la Méditerranée) - Mazzilli, Francesca (Royal Holloway University of London; Universität Münster) - Terrier, Aurelie (EPFL - Ecole Polytechnique Fédérale de Lausanne- Enac la Lapis) - Von Bechtolsheim, Mirjam (Open University)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 SACRED LANDSCAPE IN ANCIENT EGYPT: ROYAL IDEOLOGY, SOCIETY AND MODERN FRAMEWORKS  
Chapon, Linda (Équipe Égypte Nilotique et Méditerranéenne (ASM-UMR 5140, University Paul-Valéry Montpellier 3))
- 14:30 TROJAN WANDERERS BETWEEN EAST AND WEST: APPROACHING SACRED LANDSCAPES IN NORTHERN EPIRUS  
d'Ambola, Francesca (University of Rome - la Sapienza)
- 14:45 DIVINE PEAKS. MOUNTAINS AS SACRED LANDSCAPES IN ANTIQUITY  
Marti, Cynthia (Philipps-Universität Marburg)
- 15:00 SENSING ILLUMINATED OLYMPOS OVER TIME AND SPACE, ALONG WITH ITS TRANSFORMED RELIGIOUS ASPECTS IN HOMER  
Saito, Yukiko (University of Liverpool; Osaka University)
- 15:15 WORSHIPPING SILVANUS AT WORK: APPROACHING ROMAN PROFESSIONAL ECOLOGIES AS SACRED LANDSCAPES QUANTITATIVELY  
Glomb, Tomas (Masaryk University)

- 15:30 RESILIENCE AND CHANGE IN THE (RE)CREATION OF SACRED LANDSCAPES IN THE GRAECO-ROMAN CITY OF ISTROS (BLACK SEA)  
Litu, Alexandra (University of Bucharest) - Achim, Irina (Vasile Parvan Institute of Archaeology)

15:45 DISCUSSION SLOT

### 16:30 CREATION AND EVOLUTION OF A SACRED LANDSCAPE: THE SITE OF SANTA MARTA (CINIGIANO, GR, MIDDLE OMBRONE VALLEY)

- Baleani, Benedetta (University at Buffalo - Suny) - Mandorlo, Alessia (Università del Salento) - Cirigliano, Giuseppe (IMT Lucca) - Massari, Alberto (Università di Trento) - Golia, Vincenzo - Felici, Cristina (Università di Siena) - Cirillo, Marianna (ATS - Archaeolandscape Tech&Survey) - Ugolini, Federico (Università di Siena) - Vaccaro, Emanuele (Università di Trento) - Campana, Stefano (Università di Siena)

### 16:45 BRINDISI RURAL CHURCHES AS A MEDIUM OF EVANGELISATION AND TERRITORIAL CONTROL (5TH-8TH CENTURY)

Zocco, Simone (Sapienza University of Rome)

### 17:00 ENGENDERING RURAL SYMBIOSIS: VILLAS AND CULT IN THE LATE ROMAN PERIOD

Beckmann, Sarah (University of California, Los Angeles)

### 17:15 REPRESENTATION OF THE "SACRED LANDSCAPE" OF THE FIRST CHRISTIANS IN RURAL PROVENCE IN LATE ANTIQUITY: ARCHAEOLOGICAL APPROACHES

Martinez-Honorin, Fabienne (Archéologie)

### 17:30 CLIMBING THE STAIRS OF THE DIVINE ASCENT IN DESERT LANDSCAPES

Pestarino, Beatrice (University of Liverpool) - Lehnig, Sina (University of Haifa; Minerva Stiftung für die Forschung, Max-Planck-Gesellschaft)

17:45 DISCUSSION SLOT

## 938 THE ARCHAEOLOGY OF ANCIENT BORDERSCAPES: MULTIPLE APPROACHES, NEW PARADIGMS

**Room:** 3=CU003-BAS-Partenone

**Time:** 8:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Gatto, Maria Carmela (Polish Academy of Sciences; University of Leicester) - Nicolini, Serena (Università di Bologna) - Ferrario, Marco (University of Augsburg; Università di Trento)

### ABSTRACTS

8:30 INTRODUCTION

8:45 THE MAKING OF AN ANCIENT EGYPTIAN BORDERSCAPE - THE FIRST NILE CATARACT REGION IN THE 4TH/3RD MILLENNIA BCE

Gatto, Maria Carmela (Institute of Mediterranean and Oriental Cultures Polish Academy of Sciences; University of Leicester)

9:00 NARRATIVES AND MATERIALITY OF STATE FORMATION AND BORDER-MAKING: A VIEW FROM THE HASMONEAN KINGDOM

Sabar, Roi (Boston University)

9:15 THE IMPERIAL BORDERSCAPE. ACHAEMENID NORTHEASTERN CENTRAL ASIA AS A STEPPE FRONTIER ZONE

Ferrario, Marco (University of Trento; Augsburg University)

9:30 PLACE, BOUNDARIES, AND THE (RE)MAKING OF PICTLAND: THOUGHTS FROM THE CARN DROMA SITE IN EASTERN ARGYLL, SCOTLAND

Hansen, Daniel (The University of Chicago)

9:45 BORDERS AND FRONTIERS IN THE LATIN EAST: THE CASE-STUDY OF THE LORDSHIP OF TRANSJORDAN

Sinibaldi, Micaela (University of Warsaw)

10:00 RETHINKING WEST AFRICAN STATE-FRONTIER BOUNDARY AND MATERIAL CULTURE: INSIGHTS FROM THE ARCHAEOLOGICAL RESEARCH AT ILORIN, NORTHERN YORUBALAND, NIGERIA

Owoseni, Bolaji (McDonald Institute for Archaeological Research, University of Cambridge)

10:15 DISCUSSION SLOT

11:00 SANCTUARY BORDERSCAPES AND TRANSFORMATIVE VISION: THE CULT OF KYBELE IN WESTERN ANATOLIA

Rodriguez, Leticia (University of California, Berkeley)

11:15 FRINGE RELIGION? SANCTUARIES AND THE SACRED IN PELOPONNESIAN BORDERSCAPES

Dunn, Shannon (Bryn Mawr College)

11:30 UNDER THE MOUNTAIN AND BETWEEN THE GULFS: SOUTHERN PHOCIS IN LH IIIA-B

Ruzza, Stefano (National and Kapodistrian University of Athens; la Sapienza, University of Rome) - Scarsella, Elena (Independent Researcher)

11:45 FROM THE HELLESPONT TO THE PILLARS: A BORDER WITHIN AND WITHOUT BOUNDS

Sink, Samantha (Trinity College Dublin)

12:00 "BOUNDARY OF GEZER" INSCRIPTIONS - THE EARLIEST EVIDENCE FOR THE "MIXED BORDERS" CUSTOM (HEBREW: ERUV TECHUMIN)?

Korzakova, Hava (Bar Ilan University)

12:15 CENTRAL AFRICAN ARCHAEOLOGY OF THE NORTHERN BANTU BORDERLANDS: INITIAL RESULTS OF THE CONGUBANGI RESEARCH PROJECT

Coutros, Peter - Zana, Henri - Nguere, Lucien - Pacchiarotti, Sara (Ghent University)

12:30 FUZZY BOUNDARIES AND LANDSCAPE MAKING IN UPPER EGYPTIAN HUNTING PETROGLYPHS FROM THE 4TH MILLENNIUM BCE

Maydana, Sebastián (Universidad de Buenos Aires)

12:45 DISCUSSION SLOT

14:00 BETWEEN EGYPT AND LIBYA - EXPLORING THE COASTAL BORDERSCAPES OF EASTERN MARMARICA

Nikolaus, Julia (Ulster University) - Ray, Nick (University of Southampton) - Blue, Lucy (University of Southampton; Honor Frost Foundation) - Gahnem, Mai (CMAUCH; Ulster University)

14:15 ENCLAVE, GREY ZONE OR WHAT? NUBIANS IN THE GEBELEIN REGION (SOUTHERN EGYPT) IN THE LATE 3RD MILLENNIUM BCE

Ejsmond, Wojciech (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

14:30 DYNAMICS OF SETTLEMENT PATTERNS AT THE SOUTHERN EGYPTIAN BORDER BETWEEN THE SECOND MILLENNIUM BC AND THE ROMAN PERIOD

Nicolini, Serena (University of Bologna)

- 14:45 RECONCEPTUALISING THE BORDERSCAPE OF THE DAL CATARACT IN SUDAN: TRANSFORMATION PATTERNS OF BRONZE AGE NUBIAN CULTURES  
Budka, Julia (LMU Munich)
- 15:00 FRONTIER WANDERING ON THE NILE'S THIRD CATARACT  
Zielinska, Dobrochna (Faculty of Archaeology, University of Warsaw) - Drzewiecki, Mariusz - Ciesielska, Joanna (University of Warsaw) - Polkowski, Paweł (Archaeological Museum in Poznań) - Innemée, Karel (University of Warsaw) - Osypiński, Piotr (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Rosa, Katarzyna (University of Warsaw) - Kurcz, Maciej (Jagiellonian University)
- 15:15 WHO DO BORDERS SEPARATE? A WORKERS' PERSPECTIVE ON THE EGYPTIAN-NUBIAN BORDERSCAPE  
Lemos, Rennan (University of Cambridge)
- 15:30 LET'S CROSS THE EASTERN BORDER! NEW EVIDENCE OF AN EARLY 3RD MILLENNIUM BCE OCCUPATION AT SHAQADUD (BUTANA, CENTRAL SUDAN)  
Andrea, Manzo (Università degli Studi di Napoli; Ismeo-Associazione Internazionale di Studi Sul Mediterraneo e l'Oriente) - Giancristofaro, Enrico (Università degli Studi di Napoli) - Varadinová, Lenka (Czech Institute of Egyptology, Faculty of Arts, Charles University) - Varadin, Ladislav (Institute of Archaeology, Czech Academy of Sciences)
- 15:45 DISCUSSION SLOT
- 16:30 DISCUSSION SLOT
- 16:45 DISCUSSION SLOT
- 17:00 DISCUSSION SLOT
- 17:15 DISCUSSION SLOT

## 973 PYROARCHAEOLOGY: FIRE-RELATED ENGINEERING, ENVIRONMENT AND CULTURAL PROXIES

- Room:** 34=CU005-FL1-Lucchesi  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Schmidt, Patrick (Tübingen University) - Shaw, Candice (University of Toronto)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 SMOKE ON THE WATER: BURNT MOUNDS AND THEIR CERAMIC EVIDENCE IN BRITAIN  
Fitzgerald, Nick (University of Bristol)
- 9:00 INVESTIGATING THE INTENTIONAL AND ACCIDENTAL IMPACT OF FIRE ON CLAY MATERIALS FROM OPPSAL, SOUTHEASTERN NORWAY  
Polanska, Weronika (University of Oslo) - Fredriksen, Per Ditlef (Department of Archaeology, Conservation and History, University of Oslo)
- 9:15 NEW FACETS OF THE FAIENCE INDUSTRY THROUGH SCIENTIFIC ANALYSIS: A CASE STUDY OF THE HARAPPAN SITE OF TIGRANA, HARYANA, INDIA  
Singh, Garima (Deccan College Pgr, Pune) - Parmar, Narendra (Central University of Haryana)
- 9:30 BONE AS A PROXY FOR FIRE IN THE ARCHAEOLOGICAL RECORD  
Shaw, Candice (University of Toronto) - Natalio, Filipe (Weizmann Institute of Science) - Chazan, Michael (University of Toronto)
- 9:45 MIDNIGHT FIRE: EXPERIMENTAL APPROACH INTO FUEL MANAGEMENT AND FIRE USE IN THE PAST DWELLINGS REGARDING HEALTH AND HABITABILITY  
Robledo, Andrés (Institute of Human Paleoecology and Social Evolution - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art; Instituto de Antropología de Córdoba) - Burguet-Coca, Aitor (Department of Archaeological Sciences, Faculty of Archaeology, Leiden University; Institute of Human Paleoecology and Social Evolution - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Speciale, Claudia (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Bianco, Sabrina (Institut Català de Paleoecologia Humana i

- 10:00 **INTRODUCING BENZENE POLYCARBOXYLIC ACID ANALYSIS: POTENTIAL OF A MOLECULAR MARKER FOR THE STUDY OF ARCHAEOLOGICAL HEARTHES AND WILDFIRES**  
Notterpek, Ivy (CEPAM - UMR 7264, CNRS, Université Côte d'Azur; BioArCh, Department of Archaeology, University of York) - Théry, Isabelle (CEPAM - UMR 7264, CNRS, Université Côte d'Azur) - Craig, Oliver (BioArCh, Department of Archaeology, University of York) - Bodu, Pierre (UMR 8068, Temps, MSH Mondes, Université Paris Nanterre) - Lucquin, Alexandre (BioArCh, Department of Archaeology, University of York) - Abiven, Samuel (Laboratoire de Géologie, Département de Géosciences, École Normale Supérieure; Cereep Ecotron Ile de France CNRS / Ens - Ums 3194)
- 10:15 **DISCUSSION SLOT**
- 11:00 **CRUNCHY BEER: EXPERIMENTAL ARCHAEOBOTANY STUDY IN DETERMINING BEER, BREAD, OR PORRIDGE OF NEOLITHIC AMORPHOUS CHARRED OBJECTS**  
Berndt, Jessi (Institute for Archaeological Sciences, Universität Tübingen)
- 11:15 **NEANDERTHAL ADHESIVE TECHNOLOGY AND IT IMPLICATIONS**  
Schmidt, Patrick (Eberhard Karls University of Tübingen, Department of Geosciences, Applied Mineralogy)
- 11:30 **WHAT'S THE DIFFERENCE? PROCEDURAL COMPLEXITY OF FIRE PRESERVATION VS. FIRE PRODUCTION**  
Klein, Regine (University of Tübingen, Institute for Archaeological Sciences; Research Centre Roceeh, Heidelberg Academy of Sciences and Humanities, Senckenberg Research Institute, Tübingen) - Haidle,

Miriam (Research Centre Roceeh, Heidelberg Academy of Sciences and Humanities, Senckenberg Research Institute; Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Abt. Ältere Urgeschichte und Quartärökologie, Eberhard Karls Universität Tübingen)

- 11:45 **HEAT TREATMENT IN LITHIC PRODUCTION IN THE EARLY NEOLITHIC OF THE COVES DEL FEM (TARRAGONA, SPAIN): EVIDENCE, SIGNIFICANCE, AND VARIABILITY**  
Minguell, Arnau - Palomo, Antoni (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Terradas, Xavier (Consejo Superior de Investigaciones Científicas - CSIC-IMF) - Rosillo, Rafel (Independent Researcher) - Piqué, Raquel (Universitat Autònoma de Barcelona, Departament de Prehistòria)
- 12:00 **SILCRETE USE AND LITHIC PROVISIONING STRATEGIES IN THE MIDDLE STONE AGE AT NELSON BAY CAVE, SOUTH AFRICA**  
Watson, Sara (Field Museum of Natural History)
- 12:15 **LITHIC HEAT TREATMENT AND REDUCTION TECHNOLOGY IN THE LATE MESOLITHIC SETTLERS OF ROTI NALA, MAHARASHTRA, INDIA**  
Rajak, Shubham - Das, Pronil (Deccan College Postgraduate and Research Institute)
- 12:30 **DISCUSSION SLOT**

## 974 **METALS AND METALWORKING II: PRODUCTION AND TECHNOLOGY**

**Room:** 65=CU022-FLG-Giacomini

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Kmosek, Matej (Institute of Archaeology of the Czech Academy of Sciences, Brno; Charles University, Faculty of Arts, Institute of Classical Archaeology) - Neiß, Michael (Lund University, Department of Archaeology and Ancient History; Aarhus University) - Saage, Ragnar (University of Tartu) - Wärmländer, Sebastian (Stockholm University, Department of Archaeology and Classical Studies) - Noergaard, Heide (Moesgaard Museum, Department of Archaeology)

## ABSTRACTS

- 8:30 **INTRODUCTION**

- 8:45 **AT THE CORE OF BRONZE PRODUCTION. ARCHAEOLOGICAL EVIDENCE AND ANALYTICAL DATA FROM BRONZE AGE METAL WORKSHOPS IN NORTHERN ITALY**  
Barchiesi, Francesca - Cavazzuti, Claudio - Cattani, Maurizio - Debandi, Florencia - Putzolu, Cristiano (University of Bologna) - Brunelli, Daniele - Cipriani, Anna - de Falco, Maria - Levi, Sara (University of Modena and Reggio Emilia) - Lugli, Federico (University of Frankfurt)
- 9:00 **SOAPSTONE MOULDS IN SOUTHERN SCANDINAVIA DURING THE LATE BRONZE AGE - ORIGIN - USE - DISTRIBUTION**  
Nilsson, Andreas (Sydsvensk Arkeologi; Department of Archaeology and Ancient History, Lund University)
- 9:15 **NEW ANALYSIS OF THE BRONZE CASTING AT HALLUNDA, SWEDEN**  
Eriksson, Thomas (National Museum of History, Stockholm)
- 9:30 **ARCHAOMETRY STUDY AND RESTORATION OF ROMAN BRONZE VESSELS FROM BURGAS**  
Karailieva, Violeta (National Academy of Arts, Department of Conservation and Restoration, Bulgaria)
- 9:45 **SYSTEMATIC TECHNOLOGICAL RESEARCH OF GERMANIC KNEE FIBULAE FROM CZECH REPUBLIC**  
Foucek, Cenek (University of Chemistry and Technology, Prague)
- 10:00 **UNBUCKLING THE PAST: TRANSFORMATIONS IN TECHNOLOGY AND CULTURE THROUGH A TRIPARTITE BELT BUCKLE FROM ANCIENT JAFFA**  
Mazis, Matasha (Technical University Darmstadt) - Ashkenazi, Dana - Fantalkin, Alexander (Tel Aviv University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **A 16TH C. METAL THREAD EMBROIDERY MADE BY COPPER STRIPS, SILK AND SHEEP WOOL, EXCAVATED AT SKRIÐUKLAUSTUR MONASTERY IN ICELAND**  
Wärmländer, Sebastian (Department of Archaeology and Classical Studies, Stockholm University; UCLA/Getty Conservation Programme, UCLA)
- 11:15 **PIECING TOGETHER A LARGER PICTURE - ENRICHING THE UNDERSTANDING OF PAST IRON PRODUCTION THROUGH SMALL-SCALE ARCHAOMETALLURGICAL ANALYSES WITHIN CONTRACT ARCHAEOLOGY**  
Svensson, Andreas (Sydsvensk Arkeologi AB)
- 11:30 **HOW DO WE ACCOUNT FOR THE CESSATION OF IRON SMELTING ON ELBA IN THE FIRST CENTURY BCE?**  
Monroe, Christina (University of Oxford)
- 11:45 **DISCUSSION SLOT**

- 12:00 **NON-DESTRUCTIVE MULTIPROXY SURVEY AS A RESOURCE FOR THE STUDY OF DEVELOPMENT OF THE MEDIEVAL METALLURGY IN SLOVAKIA**  
Mino, Martin (Monument Board of Slovak Republic) - Petrík, Jozef (Faculty of Materials, Metallurgy and Recycling, Technical University Košice) - Midula, Pavol (Faculty of Environment, Jan Evangelista Purkyně University in Ústí Nad Labem) - Ševčíkova, Janka - Andráš, Peter (Faculty of Natural Sciences, Matej Bel University in Banská Bystrica) - Hurajtová, Natália (Slovak Academy of Sciences, Institute of Landscape Ecology) - Styková, Barbora - Světlík, Ivo - Brabcová, Kateřina (Nuclear Physics Institute of the Czech Academy of Sciences)
- 12:15 **CULTIVATED PLANT MATERIAL AND OTHER ARCHAEOBOTANICAL FINDS FROM IRON AGE SMELTING FURNACES IN WESTERN LITHUANIA**  
Bojarskaite, Kotryna (Lithuanian Institute of History) - Masiulienė, Ieva (Klaipėda University)
- 12:30 **SMALL REMAINS WITH A BIG MEANING - WHAT CAN A SLAG INCLUSION TELL US ABOUT THE BLACKSMITH'S WORK?**  
Tóth, Boglárka (Pázmány Péter Catholic University, Institute of Archaeology) - Török, Béla (Pázmány Péter Catholic University, Institute of Archaeology; University of Miskolc) - Barkóczy, Péter (University of Miskolc, Institute of Physical Metallurgy, Metalforming and Nanotechnology) - Kovács, Árpád (Pázmány Péter Catholic University, Institute of Archaeology; University of Miskolc) - Langó, Péter (Pázmány Péter Catholic University, Institute of Archaeology)
- 12:45 **DISCUSSION SLOT**
- 14:00 **UNDERSTANDING BLOOMERY SMELTING THROUGH CURRENCY BLOOMS AND EXPERIMENTAL IRON FROM ESTONIA**  
Oks, Kristo - Saage, Ragnar (University of Tartu)
- 14:15 **THE EFFECT OF THE CONSERVATION PROCESSES ON TECHNOLOGICAL AND FUNCTIONAL STUDIES OF THE KNIVES FOUND IN POLAND**  
Miazga, Beata (University of Wrocław, Institute of Archaeology)
- 14:30 **INVESTIGATION OF IRON-WORKING ACTIVITIES OF THE MEDIEVAL HARBOUR AT HOEKE (BELGIUM)**  
Biernacka, Paulina (Historical Archaeology Research Group, Department of Archaeology, Ghent University; Atomic & Mass Spectrometry - A&Ms Research Unit, Department of Chemistry, Ghent University) - de Clercq, Wim (Historical Archaeology Research Group, Department of Archaeology, Ghent University) - Dewaele, Stijn (Laboratory for Mineralogy and Petrology, Department of Geology, Ghent Uni-

versity) - Vanhaecke, Frank (Atomic & Mass Spectrometry – A&Ms Research Unit, Department of Chemistry, Ghent University) - de Grave, Johan (Laboratory for Mineralogy and Petrology, Department of Geology, Ghent University)

14:45 DISCUSSION SLOT

### 978 THE ROLE OF PUBLIC ARCHAEOLOGY IN HERITAGE MANAGEMENT

**Room:** 32=CU002-FLG-Aula D

**Time:** 8:30 - 13:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Thakur, Renu (Department of Ancient Indian History Culture and Archaeology, Panjab University) - Gahlot, Seema (Area Environmental and Heritage Consultant) - Bhattacharyya, Banani (Department of Archaeology and Museums, Haryana)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 PREHISTORIC SITES FROM ARAVALLI HILLS IN HARYANA, INDIA

Bhattacharyya, Banani (Department of Archaeology and Museums, Haryana)

9:00 ECHOES OF ANCESTRAL CONNECTION: UNVEILING THE CULTURAL AND SPIRITUAL SIGNIFICANCE OF THE RED HAND CAVES IN KU-RING-GAI NATIONAL PARK

Gahlot, Seema (Area Environmental and Heritage Consultant)

9:15 WHEN ART AND ARCHAEOLOGY MEET A NEOLITHIC FIGURINE AT SHA'AR HAGOLAN (ISRAEL)

Siegal, Shirley (Shirley'S Fine Art School) - Tzur, Maia (Shaár Hagolan) - Eirikh-Rose, Anna (IAA) - Vieugué, Julien (CNRS France)

9:30 DISCUSSION SLOT

9:45 MUNICIPAL COUNCILS FOR THE MANAGEMENT OF CULTURAL HERITAGE IN THE CANARY ISLANDS): THE GHOST OF PROTECTIONISM

Morales Casañas, Diria (Universidad de la Laguna) - Pérez González, Elena (Universidad Europea de Canarias)

10:00 ARCHAEOLOGY AND CIVIC PARTICIPATION ON THE DUTCH ISLAND OF TERSCHELLING: HERITAGE PARTICIPATION IN THE CREATION OF ARCHAEOLOGICAL EXPECTATION MAPS

Honshorst, Maaïke (University of Amsterdam; Buro de Brug; Care Schylge; Steunpunt Monumentenzorg Friesland)

10:15 DISCUSSION SLOT

11:00 HERITAGE PRESERVATION, BENEFIT AND ENGAGEMENT: COMMUNITY ARCHAEOLOGY IN URBAN SPACES

Grewal, Jagtej (Panjab University)

11:15 MAPPING THE LEGACY OF HERITAGE FORESTS IN THE CULTURAL LANDSCAPE OF INHAMBANE PROVINCE, SOUTHERN MOZAMBIQUE

Gota, Pascoal (Department of Archaeology and Ancient History, Uppsala University)

11:30 ARCHIVING FOR THE FUTURE: EVALUATING THE POTENTIAL OF PUBLIC ENGAGEMENT IN HERITAGE MANAGEMENT IN UTTARAKHAND, INDIA

Bisht, Monica (SGRR University, Dehradun; Panjab University)

11:45 DISCUSSION SLOT

12:00 GARDENS OF THE ROYAL AND PUBLIC: A CASE STUDY OF HERITAGE MANAGEMENT AT AAM KHAS BAGH, SIRHIND, PUNJAB, INDIA

Sharma, Pratibha (Panjab University)

12:15 ECHOES OF HISTORY: REVITALIZING HERITAGE CONSERVATION AT MAHASU DEVTA TEMPLE

Kala, Himani (Panjab University)

12:30 FROM RUINS TO REVIVAL: THE ROLE OF PUBLIC ARCHAEOLOGY IN HERITAGE MANAGEMENT

Thakur, Renu (Panjab University)

12:45 DISCUSSION SLOT



**984** **ARCHAEOLOGY AND ANTHROPOLOGY, TWO APPROACHES ONE GOAL: INSIGHT INTO LIFE AND DEATH FROM THE 3RD TO 7TH CENTURY CE**

**Room:** 32=CU002-FLG-Aula D

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Mongillo, Jessica (Department of Environmental and Prevention Sciences, University of Ferrara) - Bolder-Boos, Marion (Institut für Altertumswissenschaften - IAW, Arbeitsbereich Klassische Archäologie, Johannes Gutenberg-Universität Mainz) - Dubbini, Rachele (Department of Humanities, University of Ferrara) - Bramanti, Barbara (Department of Environmental and Prevention Sciences, University of Ferrara) - Roascio, Stefano (Ministero Della Cultura, Parco Archeologico Dell'Appia Antica)

**ABSTRACTS**

14:00 INTRODUCTION

14:15 **THE ARCHAEOLOGICAL SITE OF VIA APPIA ANTICA 39: A BURIAL PLOT FROM THE IMPERIAL PERIOD TO THE 7TH CENTURY CE**  
Dubbini, Rachele (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Barbara, Bramanti - Mongillo, Jessica (Dipartimento di Scienze Dell'Ambiente e della Prevenzione, Università degli Studi di Ferrara) - Roascio, Stefano (Parco Archeologico Dell'Appia Antica) - Bolder Boos, Marion (Institut für Altertumswissenschaften, Joannes Gutenberg-Universität Mainz)

14:30 **CHANGES AND PERSISTENCE IN POPULATIONS, SOCIAL USES AND THE CONFIGURATION OF URBAN FUNERARY AREAS IN SOUTH-EASTERN GAUL (3RD-6TH C. CE)**  
Granier, Gaelle (UMR 7268 Ades, CNRS - Efs- Aix-Marseille University)

14:45 DISCUSSION SLOT

15:00 **FAMILY AND SOCIETY IN THE ROMAN PROVINCE OF SARDINIA: A FUNERARY CONTEXT ANALYSIS**  
Serra, Rita (University of Sassari) - Ia Fragola, Alessandra (Independent Researcher) - Gasperetti, Gabriella (Superintendence of Archaeology, Fine Arts and Landscape for the Provinces of Sassari and Nuoro)

- Yavuz, Orhan - Posth, Cosimo (University of Tübingen) - Bandiera, Pasquale (University of Sassari)

15:15 **THE BURIED AT THE AMPHITHEATER OF ALBENGA. NEW INTERPRETATIONS FOR A SOCIAL RECONSTRUCTION OF A LOCAL CAPITAL IN LATE ANTIQUITY**  
Roascio, Stefano (Parco Archeologico Appia Antica) - Dellu', Elena (Soprintendenza Abap Bari) - Spadea, Giuseppina (Già Soprintendenza Archeologica Liguria) - Bona, Alessandro (Università Cattolica Sacro Cuore di Milano)

15:30 **AN INSIGHT ON HEALTH STATUS DURING THE EARLY MIDDLE AGES IN CENTRAL AND NORTHERN ITALY (V-VII CENTURIES CE)**  
Manzo, Giulia (Department of Environmental and Prevention Sciences, University of Ferrara) - Regueiro Salcedo, Ian (Department of Human Studies, University of Ferrara) - Zedda, Nicoletta (Department of Environmental and Prevention Sciences, University of Ferrara)

15:45 DISCUSSION SLOT

16:30 **CHILDREN AND ADOLESCENTS AT THE END OF THE EMPIRE: FUNERARY PRACTICES AND BIOANTHROPOLOGICAL ASPECTS BETWEEN THE 4TH-6TH CENTURIES CE**  
Anedda, Roberta (Department of Environmental and Prevention Sciences, University of Ferrara) - Masotti, Sabrina - Gualdi-Russo, Emanuela - Rinaldo, Natascia (Department of Neuroscience and Rehabilitation, University of Ferrara) - Bramanti, Barbara (Department of Environmental and Prevention Sciences, University of Ferrara)

16:45 **BIOARCHAEOLOGICAL INVESTIGATION OF THE NECROPOLIS OF SAN LORENZO DI QUINGENTOLE (MN): THE EARLY MEDIEVAL FACIES**  
Casagrande, Giulia (Sapienza Università di Roma)

17:00 DISCUSSION SLOT

17:15 **A BIOARCHAEOLOGICAL UNDERSTANDING OF THE LIVED EXPERIENCES OF CHILDREN DURING THE EARLY MEDIEVAL PERIOD IN SOUTHEAST ENGLAND**  
Bowers, Alexandra - Stewart, Allison - Jones, Jennifer (University of Central Lancashire)

17:30 **LIVING IN THE SHADOW OF THE GOTHs: AN ANTHROPOLOGICAL STUDY OF TWO NORTHERN ITALIAN COMMUNITIES DURING THE 4TH-6TH CENTURY CE**  
Mongillo, Jessica - Zedda, Nicoletta (Department of Environmental and Prevention Sciences, University of Ferrara) - Masotti, Sabrina (Department of Neuroscience and Rehabilitation, University of Ferrara) - Onisto, Nicoletta (Department of Life Sciences and Biotechnology, University of Ferrara) - Gualdi-Russo, Emanuela (Department of Neuroscience and Rehabilitation, University of Ferrara)

17:45 DISCUSSION SLOT

**987 THE INTRODUCTION OF TIN BRONZE IN PREHISTORIC EUROPE****Room:** 27=CU002-FL1-Aula VII**Time:** 16:30 - 18:30**Theme:** 1. The Material Record: Current Trends and Future Directions**Format:** Regular session**Organisers:** Lackinger, Aaron (Universidad de Granada) - Figueiredo, Elin (Universidade Nova de Lisboa) - Comendador Rey, Beatriz (Universidade de Vigo)**ABSTRACTS**

16:30 INTRODUCTION

16:45 THE ROLE OF TIN IN THE FORMATION OF MATHEMATICAL THINKING IN PREHISTORY  
Dzbynski, Aleksander (Warsaw University)17:00 TIN AND WHITE BRONZE FROM THE CARPATHIAN AREA IN THE LATE BRONZE AGE  
Wittenberger, Mihai (National History Museum of Transylvania)17:15 TIN ALLUVIAL ARMORICAN EXPLOITATION SINCE THE BEGINNING OF BRONZE AGE  
Le Carlier de Veslud, Cécile (CNRS)17:30 THE INTRODUCTION OF TIN BRONZE IN THE ARGARIC CULTURE  
Lackinger, Aaron (University of Granada) - Montero Ruiz, Ignacio (IH-CSIC) - Murillo Barroso, Mercedes (University of Granada)17:45 THE INTRODUCTION OF BRONZE IN WESTERN IBERIA: A REVIEW  
Figueiredo, Elin (Centre of Materials Research - Cenimat/I3N, Nova School of Science and Technology - FCT-Nova)18:00 TIN-BRONZE PRODUCTION BY CO-SMELTING AT THE PHOENICIAN SITE OF EL CARAMBOLO (CAMAS, SEVILLE, SPAIN)  
Montero Ruiz, Ignacio (Instituto de Historia-CSIC) - Rovira-Llorens, Salvador (Museo Arqueologico Nacional) - Hunt-Ortiz, Mark (University of Seville)

18:15 DISCUSSION SLOT

**997 CHA?NE OP?RATOIRE AND LIFE CYCLE OF PROTOHISTORIC AND ANCIENT BUILDING MATERIALS****Room:** 31=CU002-FLG-Aula C**Time:** 8:30 - 16:00**Theme:** 1. The Material Record: Current Trends and Future Directions**Format:** Regular session**Organisers:** Péfau, Pierre - Ducret, Pauline (École Française de Rome) - Dessales, Hélène (École Normale Supérieure - Université PSL; Université de Lausanne) - Pizzo, Antonio (Scuola Spagnola di Storia e Archeologia di Roma)**ABSTRACTS**8:30 HOC OPUS BONUM SUO CUIQUE FACITO': WHAT THE ANCIENT TEXTS TELL US ABOUT THE LIFE CYCLE OF BUILDING MATERIALS  
Pauline, Ducret (Ecole Française de Rome)8:45 VOLCANIC TUFF AND OTHER SOFT STONES IN ANCIENT CONSTRUCTION  
Diffendale, Daniel (Scuola Superiore Meridionale)9:00 FROM QUARRIES TO BUILDINGS: EXTRACTION, MANUFACTURING, TRANSPORT AND USE OF THE AURISINA LIMESTONE IN THE ROMAN AGE  
Previato, Caterina - Girotto, Chiara - Dilaria, Simone - Bridi, Eliana - Bonetto, Jacopo (Università di Padova)

9:15 DISCUSSION SLOT

9:30 FROM QUARRY TO DECOR : AN EXPLORATION OF THE MARBLE PRODUCTION CHAIN IN ANTIQUITY  
Barataud, Laura (Ausonius)9:45 A THOUSAND YEARS, A THOUSAND RECIPES: THE CHAÎNE OPÉRATOIRE OF ANCIENT LIME MORTAR, BETWEEN KNOW-HOW AND USES  
Coutelas, Arnaud (UMR 8546 AOrOc)10:00 THE EXPLOITATION OF VOLCANIC POZZOLANS IN THE ROMAN WORLD. THE CURRENT STATE OF ART IN LIGHT OF RECENT DISCOVERIES  
Dilaria, Simone - Secco, Michele (Department of Cultural Heritage, University of Padova; Inter-Departmental Research Centre for the Study of Cement Materials and Hydraulic Binders, University of Padova) - Bonetto, Jacopo - Previato, Caterina (Department of Cultural Heritage, University of Padova)

10:15 DISCUSSION SLOT

- 11:00 FROM FOREST TO BUILDING: CHAÎNE OPÉRATOIRE AND LIFE CYCLE OF TIMBER IN ANCIENT ROMAN WESTERN EUROPE  
Péfaux, Pierre (Ecole Française de Rome)
- 11:15 A PROPOSITION OF CHAÎNE OPÉRATOIRE FOR THE WOODEN ELEMENTS OF THE PARAPET WALK OF THE HEUNEURG FORTIFICATION AROUND 600 BC  
Remise, François (Independent Researcher)
- 11:30 THE REALITY OF ANCHORING JOIST FOR WOODEN FLOORS AT OSTIA: INSIGHTS FROM TRACES IN THE WALL  
Yoshimura, Yuji - Hori, Yoshiki (Kyushu University)
- 11:45 DISCUSSION SLOT
- 12:00 PERISHABLE, DEPRECIATED BUT AFFORDABLE: PLANT FIBRES AND THEIR « CHAÎNE OPÉRATOIRE » IN GREEK AND ROMAN CONSTRUCTIONS  
Azzi, Clothilde (CRHEC - Université Paris-Est Créteil; AOrOc - ENS-PSL)
- 12:15 METAL IN ROMAN CONSTRUCTION: EXAMPLES OF USE AND PRODUCTION STRUCTURES  
Loiseau, Christophe (UMR 8546 (ENS-AOrOc) - EVEHA)
- 12:30 SUPPLY AND TRANSPORTATION OF BUILDING MATERIALS IN OSTIA ANTICA: THE "ISOLATO DELLE TRIFORE" AS A CASE STUDY  
Vyverman, Sarah (École Normale Supérieure de Paris; UCLouvain; F.R.S.-Fnrs)
- 12:45 DISCUSSION SLOT
- 14:00 FROM EARTH TO EARTH. CHAÎNES OPÉRATOIRES AND ECONOMY OF RAW EARTH : THE ABSOLUTE MATERIAL?  
Leal, Emilie (Inrap - National Institute for Preventive Archaeological Research; UMR 5140 Archéologie des Sociétés Méditerranéennes)
- 14:15 HEARTHS OR PLASTERS? A METHODOLOGICAL PROPOSAL TO INTERPRET FLAT SURFACE EARTHEN REMAINS FROM MEDITERRANEAN PROTOHISTORIC SECONDARY CONTEXTS  
Belarte, Maria Carme (ICREA- Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Mateu, Marta (ICAC - Catalan Institute of Classical Archaeology) - Pastor Quiles, María (Universitat d'Alacant; ICAC - Catalan Institute of Classical Archaeology) - Saorin, Carme (GRAP - Grup de Recerca En Arqueologia Protohistòrica, Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - López Reyes, Dani (Arqueovitis, Sccl) - Cane-la-Gràcia, Joan (ICAC - Catalan Institute of Classical Archaeology)

- Corrales, Antoni (ICAC - Catalan Institute of Classical Archaeology)  
- Prats, Georgina (Universitat de Lleida) - Anguera, Maria (ICAC - Catalan Institute of Classical Archaeology)

14:30 DISCUSSION SLOT

14:45 LONG LIFE FOR AN EXCEPTIONAL BUILDING MATERIAL: FIRED BRICK AND TILE  
Bukowiecki, Evelyne (Ecole Française de Rome) - Dessales, Hélène (Ecole Normale Supérieure - Université PSL)

15:00 THE BRICK CONSTRUCTION INDUSTRY IN IMPERIAL ROME: WORKING PROCEDURES AND QUANTITATIVE ANALYSES  
Camporeale, Stefano (Università di Siena) - Serlorenzi, Mirella (So-printendenza Speciale Archeologia Belle Arti Paesaggio di Roma)

15:15 DISCUSSION SLOT

### 1008 FOOD PROCESSING AND COOKING PRACTICES IN EUROPE, NORTH AFRICA, AND WESTERN ASIA (NEOLITHIC TO IRON AGE)

**Room:** 83=CU002 FLG Aula T0

**Time:** 8:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Dalla Longa, Elisa (CNR-ISPC - Institute of Heritage Science - National Research Council of Italy) - Alberti, Maria Emanuela (SAGAS Department, University of Florence) - Arena, Alberta (Österreichische Akademie Der Wissenschaften / Österreichisches Archäologisches Institut) - Tsafou, Evgenia (Université Catholique de Louvain)

### ABSTRACTS

8:30 INTRODUCTION

8:45 BUILDING A STRONG REFERENTIAL: WHEN ETHNOGRAPHIC WORK CAN HELP ARCHAEOLOGICAL INVESTIGATIONS ON FOOD PROCESSING  
Malergue, Alex (Université Côte d'Azur; CEPAM) - Martignac, Louise (Université Côte d'Azur) - Drieu, Léa (CNRS; CEPAM) - Buvry, Océane - Debayle, Delphine (IPMC) - Sall, Moustapha (Université Cheikh Anta Diop) - Mayor, Anne (Université de Genève) - Regert, Martine (CNRS; CEPAM)

- 9:00 **TAPHONOMIC PROCESSES AND DEGRADATION OF PLANT-BASED FOODS IN CERAMIC VESSELS: BIOMOLECULAR DATA FROM A LONG-TERM BURYING EXPERIMENT**  
Morandi, Lionello (University of Pisa, Department of Civilisations and Forms of Knowledge; Eberhard Karls University Tübingen, Archaeometry Research Group) - Mattonai, Marco (University of Pisa, Department of Chemistry and Industrial Chemistry) - Amicone, Silvia (Eberhard Karls University Tübingen, Archaeometry Research Group; University College London, Institute of Archaeology) - Ribechini, Erika (University of Pisa, Department of Chemistry and Industrial Chemistry)
- 9:15 **NEOLITHIC FOODWAYS: TOWARDS AN UNDERSTANDING OF FOOD-PROCESSING ACTIVITIES AT NEOLITHIC ÇATALHÖYÜK**  
Tsoraki, Christina (University of Leicester)
- 9:30 **UNVEILING THE 'FOCACCIA' CULINARY TRADITION IN LATE-NEOLITHIC UPPER MESOPOTAMIA THROUGH EXPERIMENTAL, USE-WEAR, PHYTOLITH, AND ORGANIC-RESIDUE ANALYSES**  
Taranto, Sergio (Sapienza University of Rome, LTFAPA; Autonomous University of Barcelona, Department of Prehistory) - Breu Barcons, Adrià (Autonomous University of Barcelona, Department of Prehistory; Koç University of Istanbul, College of Social Sciences and Humanities) - Portillo, Marta (Institució Milà i Fontanals - IMF, Department of Archaeology and Anthropology, Archaeology of Social Dynamics; CSIC Spanish National Research Council) - Le Miere, Marie (CNRS-Université Lyon 2, MSH Maison de L'Orient et de la Méditerranée) - Gómez Bach, Anna - Molist, Miquel (Autonomous University of Barcelona, Department of Prehistory) - Lemorini, Cristina (Sapienza University of Rome, LTFAPA)
- 9:45 **DECIPHERING OF GRINDING-MILLING TOOLS USE: FOOD PROCESSING ACTIVITIES AT MIDDLE CHALCOLITHIC GÜVERCINKAYASI, CENTRAL ANATOLIA**  
Doležalová, Kristina (Institute of Archaeology of the CAS, Prague; Institute of Classical Archaeology, Faculty of Arts, Charles University) - Řídký, Jaroslav (Institute of Archaeology of the CAS, Prague) - Pilař, Daniel (Institute of Archaeology of the CAS, Prague; Department of Archaeology, Faculty of Arts, Charles University) - Šídová, Barbora (Institute of Archaeology of the CAS, Prague) - Gülçur, Sevil (Prehistoric Archaeology Department, Istanbul University)
- 10:00 **FIRE INSTALLATIONS ON THE ANATOLIAN PENINSULA: A COMPARATIVE ANALYSIS FROM THE LATE BRONZE AGE TO THE IRON AGE**  
Casucci, Giacomo (Università degli Studi di Pavia)

- 10:15 **DISCUSSION SLOT**
- 11:00 **BREWING STONES. THE LITHIC PRODUCTION FROM THE PREDYNASTIC BREWERY OF HELIOPOLIS, EGYPT**  
Lucarini, Giulio - Manclossi, Francesca (National Research Council of Italy, Institute of Heritage Science, CNR-ISPC, Rome) - Lombardi, Lorena (University of Pisa; National Research Council of Italy, Institute of Heritage Science, CNR-ISPC, Rome) - Marsilio, Adelaide (University of Bari Aldo Moro; National Research Council of Italy, Institute of Heritage Science, CNR-ISPC, Rome) - Ugliano, Federica (Museo Egizio, Turin; National Research Council of Italy, Institute of Heritage Science, CNR-ISPC, Rome)
- 11:15 **THE NEOLITHIC SETTLEMENT OF LA MARMOTTA : A WINDOW INTO THE PAST TO LEARN ABOUT WORKING TOOLS AND FOOD PROCESSING**  
Gibaja, Juan (IMF-CSIC) - Mineo, Mario (Museo Delle Civiltà) - Mazzucco, Niccolò (Pisa University) - Caruso, Laura - CONICET, - Morell, Berta (IMF-CSIC) - Remolins, Gerard (Regirarocs, S.L) - Arranz, Amaia (Basque Country University) - Rottoli, Mauro (Laboratorio di Archeobiologia dei Musei Civici di Como) - Portillo, Marta (IMF-CSIC) - Hamon, Caroline (CNRS)
- 11:30 **ATYPICAL FOOD CHOICES AND STRATEGIES OF A MID NEOLITHIC COMMUNITY AT MOLINO CASAROTTO (NE ITALY)**  
Breglia, Francesco (Department of Geosciences, University of Padua) - Prillo, Vito (Department of Cultural Heritage, University of Padua) - Dal Corso, Marta (Department of Geosciences, University of Padua) - d'Aquino, Silvia - Polisca, Federico - Piazzalunga, Giorgio (Department of Cultural Heritage, University of Padua) - Salzani, Paola (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di Verona, Rovigo e Vicenza) - Nicosia, Cristiano (Department of Geosciences, University of Padua)
- 11:45 **CHARACTERIZATION OF COOKING STONES FROM EARLY NEOLITHIC SITES IN SOUTHWESTERN EUROPE**  
Cantelli, Margherita (Institute of Environmental Science and Technology ICTA-UAB and Department of Prehistory, Universitat Autònoma de Barcelona; Université Côte d'Azur, CNRS, CEPAM) - Terradas, Xavier (Spanish National Research Council IMF-CSIC) - Binder, Didier - Regert, Martine (Université Côte d'Azur, CNRS, CEPAM) - Colonese, André Carlo (Institute of Environmental Science and Technology ICTA-UAB and Department of Prehistory, Universitat Autònoma de Barcelona)

- 12:00 **AEGEAN COOKING SETS AND COOKING TRADITIONS – A COMBINED COMPARATIVE APPROACH**  
Tsafou, Evgenia (Université Catholique de Louvain) - Alberti, Emanuela (SAGAS Department, University of Florence) - Lis, Bartłomiej (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Morrison, Jerolyn (Baylor University)
- 12:15 **COMBINING USE-WEAR ANALYSIS AND EXPERIMENTAL ARCHAEOLOGY. A FOCUS ON COOKING WARES FROM MIDDLE BRONZE AGE PHAISTOS (CRETE)**  
Sandeï, Irene (Ca' Foscari University of Venice)
- 12:30 **COOKING AND CONSUMPTION PRACTICES ON MINOAN PEAK SANCTUARIES: THE CASE OF PANTOTINOU KORYFI AND STAVROMENOS ANATOLI, IERAPETRA, SOUTHEASTERN CRETE**  
Kalara, Antigoni (National and Kapodistrian University of Athens)
- 12:45 **DISCUSSION SLOT**
- 14:00 **USING MINOAN COOKING POTS: EXPERIMENTAL COOKING & ORGANIC RESIDUE ANALYSIS**  
Morrison, Jerolyn (Baylor University) - Tsafou, Evgenia (Sissi Excavations)
- 14:15 **COMPARING BRONZE AGE COOKING SETS FROM CRETE AND SARDINIA**  
Alberti, Maria Emanuela (Università degli Studi di Firenze, Dipartimento SAGAS)
- 14:30 **EXPLORING THE TECHNOLOGICAL AND FUNCTIONAL FEATURES OF VESSELS WITH INTERNAL HANDLES IN THE BRONZE AGE VILLAGE OF MURSIA, PANTELLERIA**  
Debandi, Florencia (University of Bologna) - Magri, Alessandra (ISPC-CNR - Roma)
- 14:45 **MULTIPLE PERSPECTIVES ON CULINARY TRADITIONS IN 2ND MILLENNIUM BCE NORTHERN PO PLAIN**  
Dalla Longa, Elisa (CNR-ISPC - Institute of Heritage Science - National Research Council of Italy) - Dal Corso, Marta (Department of Geosciences, University of Padua) - Rottoli, Mauro (Laboratorio di Archeobiologia dei Musei Civici di Como) - Manfrin, Maria Sofia - Fapanni, Francesca (Preclab – Laboratorio di Preistoria, Protostoria Ed Ecologia Preistorica del Dipartimento di Beni Culturali e Ambientali – Università degli Studi di Milano) - Varalli, Alessandra (CNRS, Aix Marseille Univ, Minist Culture, Lampea, UMR 7269; CASES Research Group - Culture, Archaeology and Socio-Ecological Dynamics) - Nicosia, Cristiano (Department of Geosciences, University of Padua)

- 15:00 **AN HOLISTIC APPROACH TO THE STUDY OF DIETARY PRACTICES AT THE BRONZE AGE SITE OF PEÑALOSA (BAÑOS DELA ENCINA, SPAIN)**  
Tinoco Domínguez, Lucía - Contreras Cortés, Francisco (University of Granada) - Moreno García, Marta (Institute of History, CCHS, CSIC) - García Martínez, Victoria - Alarcón García, Eva (University of Granada)
- 15:15 **THE ROLE OF PLANT SUBSTANCES IN THE ANCIENT DIET OF CORSICAN PROTOHISTORIC SETTLEMENTS: A BIOMOLECULAR APPROACH APPLIED TO CERAMICS**  
Turini, Mailys - Drieu, Léa - Malergue, Alex - Mazuy, Arnaud (Université Côte d'Azur, CNRS, CEPAM) - Buvry, Océane - Debayle, Delphine (IPMC) - Paolini-Saez, Hélène (Laboratoire Régional de l'Archéologie) - Peche-Quilichini, Kewin (Collectivité de Corse) - Perrin, Thomas (Université de Toulouse Jean Jaurès, CNRS, Traces) - Regert, Martine (Université Côte d'Azur, CNRS, CEPAM)
- 15:30 **RITUAL LIBATION VESSELS BETWEEN TRANSDANUBE, AUSTRIA AND NORTHERN ITALY IN THE BRONZE AGE AND EARLY IRON AGE**  
Jankovits, Katalin (Pázmány P. Catholic University) - Dalla Longa, Elisa (Institute of Heritage Science, CNR of Italy) - Arena, Alberta (Österreichische Akademie Der Wissenschaften, Archäologisches Institut)
- 15:45 **DISCUSSION SLOT**
- 16:30 **FOOD PRACTICES IN LATE BRONZE AND EARLY IRON AGE IN KARST (WESTERN SLOVENIA) – VISIBLE VS. UNVISIBLE REMAINS**  
Vinazza, Manca (Department of Archaeology, University of Ljubljana) - Potočnik, Doris - Ogrinc, Nives (Jozef Stefan Institute) - Tolar, Tjaša - Toškan, Borut (Institute of Archaeology Zrc Sazu) - Rogan Šmuc, Nastja (Department of Geology, Faculty of Natural Sciences and Engineering)
- 16:45 **THE USE OF MODULAR OVENS IN IRON AGE HOUSEHOLDS IN THE CAPUT ADRIAE REGION**  
Tasca, Giovanni (Museo Civico di San Vito Al Tagliamento; University of Padua) - Groppo, Veronica (University of Venice) - Vinazza, Manca (Department of Archaeology, University of Ljubljana)
- 17:00 **CONSTRUCTING MESSAPIAN FLAVOURSCAPES: DETECTING FLAVOURFUL WILD FOOD PLANTS IN PRE-ROMAN SOUTHEAST ITALY**  
Morris, Marc (University College Dublin, School of Archaeology)

- 17:15 **SIMMERING FRUIT, BEANS, AND HONEY IN THE LAB: EXPERIMENTAL LIPID RESULTS FROM RARELY IDENTIFIED PLANT-BASED RESOURCES IN ORGANIC POTTERY RESIDUES**  
Vykkukal, Rachel - Gabiger, Anastasia (Department of Chemistry and Pharmacy, Friedrich-Alexander-Universität Erlangen-Nürnberg) - Whelton, Helen (Organic Geochemistry Unit, University of Bristol) - Pitts, Martin (Classics and Ancient History, University of Exeter) - Cramp, Lucy (Department of Anthropology and Archaeology, University of Bristol) - Hammann, Simon (Department of Chemistry and Pharmacy, Friedrich-Alexander-Universität Erlangen-Nürnberg)
- 17:30 DISCUSSION SLOT
- 17:45 DISCUSSION SLOT

### 1013 FUNERARY RITES IN EUROPEAN PREHISTORY: KNOWLEDGE TRANSFER IN A WORLD OF WORLDS

- Room:** 58=CU033-FL4-Aula 7  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Brinkmann, Johanna (Institute of Pre- and Protohistoric Archaeology, Kiel University; Cluster of Excellence Roots, Kiel University) - Brunner, Mirco (Institute of Archaeological Sciences, Bern University; Oeschger Centre for Climate Change Research - OCCR, Bern University) - Gorgues, Alexis (UMR 5607 Ausonius, Université Bordeaux Montaigne) - Pape, Eleonore (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Blank, Malou (Department of Historical Studies, Gothenburg University)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **THE CONCEPT OF KNOWLEDGE AND KNOWLEDGE TRANSFER IN ARCHAEOLOGY**  
Brinkmann, Johanna (Institut fuer Ur- und Fruehgeschichte Kiel; Roots Cluster of Excellence)
- 9:00 **THE MAIN ROAD TO PREHISTORY. THE EXCAVATION OF A BURIAL GROUND ADJOINING AN ANCIENT CROSSROAD**  
Wickberg, Ylva (Sydsvensk Arkeologi AB)
- 9:15 DISCUSSION SLOT

- 9:30 **MEGALITHIC GRAVE ARCHITECTURE AND MORTUARY PRACTICES IN NEOLITHIC WESTERN SWEDEN AS INDICATOR FOR KNOWLEDGE TRANSFER**  
Blank, Malou (University of Gothenburg) - Brinkmann, Johanna (Kiel University)
- 9:45 **DECONSTRUCTING THE DEAD: EVIDENCE FOR POST-MORTEM BODY PROCESSING FROM MILLIN BAY LATE NEOLITHIC CAIRN, NORTHERN IRELAND**  
White, Lisa (- Megarry, Will - Murphy, Eileen (Queen's University Belfast)
- 10:00 **THE MEMORIES OF THE GENERATIONS: VISIBLE ROUTES KNOWLEDGE TRANSFER**  
Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC)
- 10:15 DISCUSSION SLOT
- 11:00 **TRACING THE TRANSFORMATIVE SHIFT IN BURIAL CUSTOMS IN NORTHERN JUTLAND DURING THE EARLY CORDED WARE PERIOD**  
Nielsen, Simon (Vesthimmerlands Museum)
- 11:15 **EXPLORING THE SPREAD OF KNOWLEDGE IN CORDED WARE BURIAL PRACTICES - INFORMATION TRANSMISSION IN THE THIRD MILLENNIUM BCE**  
Helmecke, Florian (Leiden University)
- 11:30 **BRONZE AGE BURIAL RITES AND SETTLEMENT DYNAMICS IN THE CENTRAL ALPS**  
Brunner, Mirco (University of Bern)
- 11:45 DISCUSSION SLOT
- 12:00 **BURNING ISSUES... ADOPTION OF THE „NEW“ BURIAL RITE IN MIDDLE BRONZE AGE IN THE AREA OF POLAND**  
Strózyk, Mateusz (Archaeological Museum in Poznan)
- 12:15 **DEVELOPMENTS OF THE BURIAL RITES BRONZE AGE MORAVIA, CZECH REPUBLIC Šabatová, Klára (MUNI - Ústav Archeologie a Muzeologie) - Parma, David (Institute for Archaeological Heritage Brno) - Cheung, Christina (Department of Anthropology, Chinese University of Hong Kong) - Snoeck, Christophe (Vrije Universiteit Brussel)**
- 12:30 **IN THE MIDST OF CHANGE: MIDDLE BRONZE AGE CREMATION PRACTICES AND BURIAL MOUNDS OF UNTERRADLBERG, LOWER AUSTRIA**  
Skerjanz, Hannah (Austrian Academy of Sciences)
- 12:45 DISCUSSION SLOT

- 14:00 **RECONSTRUCTING A LATE BRONZE AGE COMMUNITY USING ARCHAEOGENETICS: THE EXAMPLE OF THE NECROPOLIS OF LOS CASTELLETTS II (MEQUINENZA, SPAIN)**  
Bretos, Marina (University of Zaragoza) - Royo Guillén, José Ignacio (Dirección General de Cultura y Patrimonio, Gobierno de Aragón) - Papac, Luka (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Rohrlach, Adam B. (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; School of Mathematical Sciences, University of Adelaide) - Gómez Lecumberri, Fabiola (Independent Researcher) - Risch, Roberto (Department of Prehistory, Universitat Autònoma de Barcelona) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Picazo Millán, Jesús V. (University of Zaragoza) - Haak, Wolfgang (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Villalba-Mouco, Vanessa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Institute of Evolutionary Biology, CSIC-Universitat Pompeu Fabra)
- 14:15 **LATE BRONZE AGE AND EARLY IRON AGE FUNERARY RITES IN SOUTHERN CARPATHIAN BASIN: LOCAL PRACTICES BETWEEN GREAT WORLDS**  
Ložnjak Dizdar, Daria (Institute of Archaeology, Zagreb)
- 14:30 **THE TRACES OF THE FUNERARY RITE WITH CINERARY URNS IN TUMULAR NECROPOLISES IN KOSOVA AND NORTHEASTERN ALBANIA**  
Buiqinca, Arianit (Institute of Albanology)
- 14:45 **DISCUSSION SLOT**
- 15:00 **BETWEEN THE ALPS AND THE JURA MOUNTAINS: KNOWLEDGE TRANSFER AND EARLY IRON AGE BURIAL MOUNDS IN WESTERN SWITZERLAND**  
Geitlinger, Timo (University of Zurich)
- 15:15 **A NECROPOLIS IN NETWORK: THE CASE OF GELOUX (LANDES, FRANCE) DURING THE IRON AGE**  
Bertaud, Alexandre (Archaeological Service, Département du Lot)
- 15:30 **DISCUSSION SLOT**

## 1016 **INTRA-MURIAL BURIALS AND THEIR CULTURAL LANDSCAPE IN EUROPE AND THE MEDITERRANEAN FROM PREHISTORY TO THE MIDDLE AGES**

- Room:** 49=CU006-FLG-Aula B  
**Time:** 8:30 - 10:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Fulminante, Francesca (Bristol University; Oxford University; University Roma Tre) - Laneri, Nicola (University of Catania; University la Sapienza) - Hodson, Claire (Durham University)

### ABSTRACTS

- 8:30 **CHERISHED LIVES: EXPLORING INTRA-MURAL INFANT BURIALS IN CHALCOLITHIC ASIA MINOR**  
Yildirim, Burcu (Leiden University, Faculty of Archaeology) - Hackley, Laurel (The University of Memphis, Department of Art and Design)
- 8:45 **INTRAMURAL BURIALS DURING THE CHALCOLITHIC PERIOD OF THE SOUTHERN LEVANT**  
Gošić, Milena (Department of Archaeology, University of Belgrade)
- 9:00 **THE KISPUM IN THE HOUSE: MATERIAL RELIGION AT TELL MUHAMMAD, BAGHDAD, DURING THE OLD BABYLONIAN PERIOD**  
Russo, Sergio - Pappalardo, Chiara - Laneri, Nicola (University of Catania)
- 9:15 **CRADLE AND GRAVE: INFANT INTRAMURAL BURIALS IN THE EBRO VALLEY FROM BRONZE AGE TO THE BEGINNING OF 20TH CENTURY AD**  
Salcines-Montaña, Javier - Fernández-Crespo, Teresa (University of Valladolid)
- 9:30 **INTRA-MURAL INFANT BURIALS IN IRON AGE LATIUM VETUS IN THE WIDER CONTEXT OF THE MEDITERRANEAN PREHISTORY: WORK IN PROGRESS**  
De Paolis, Paolo (Sapienza Università di Roma) - Fulminante, Francesca (University of Bristol; University of Oxford; Università Roma Tre)
- 9:45 **BABIES IN THE YARD: EXPLORING THE OSTEOLOGICAL AND CONTEXTUAL IMPLICATIONS OF 41 INFANT BURIALS AT YEWDEN ROMAN VILLA, HAMBLEDON, ENGLAND**  
Hodson, Claire (Durham University) - Pitt, Rebecca (University of Reading)

10:00 INTRA-MURAL VS URBAN BURIALS IN CRETE: AN EARLY BYZANTINE MEDITERRANEAN PERSPECTIVE  
Lapacciana, Nicola (Sapienza)

10:15 DISCUSSION SLOT

### 1018 MORE THAN JUST DATA: THE ROLE OF ARCHAEOLOGICAL THEORY IN REFINING GEOSCIENCE-DRIVEN RESEARCH QUESTIONS

**Room:** 63=CU022-FLG-Montalenti

**Time:** 16:30 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Costanzo, Stefano (Department of Earth Sciences, University of Milan) - Wright, David (Department of Archaeology, Conservation and History, University of Oslo) - Loftus, Emma (Institute for Prehistory, Ludwig Maximilian University Munich) - Sulas, Federica (Department of Historical Studies, University of Gothenburg) - Lane, Paul Jeremy (University of Cambridge)

#### ABSTRACTS

16:30 BUNDLE OF STICKS: WEAVING ARCHAEOLOGICAL TAPESTRIES FROM CABLES OF GEOSCIENTIFIC RESEARCH  
Wright, David (University of Oslo)

16:45 EVOLUTIONARY GAME THEORY LINKS ANCIENT DEMOGRAPHY, LANDSCAPE, AND PALEOENVIRONMENT TO EXPLAIN THE CULTURAL TRANSFORMATION OF SAMOA  
Cochrane, Ethan (University of Auckland)

17:00 THE MORE THINGS CHANGE? INTERPRETING LONG-TERM HUMAN-ENVIRONMENT DYNAMICS ON THE NORTHERN COASTAL FLATS OF PAPUA NEW GUINEA  
Golitzko, Mark - Uy, Mirko (University of Notre Dame) - Power, Mitchell (Utah Museum of Natural History; University of Utah) - Berke, Melissa (University of Notre Dame)

17:15 AMAZONIAN DARK EARTHS AS HUMAN NICHE CONSTRUCTION: EXPLORATION THROUGH GEOARCHAEOLOGICAL PROXIES  
Sagan, Wiktoria - Arroyo-Kalin, Manuel (Institute of Archaeology, University College London)

17:30 PALAEOECOLOGY, OR MEDIA (ECO-)ARCHAEOLOGICAL SCULPTURING TO EVOKE CONCEPTUAL DISPLACEMENT. TOOLS TO REFORMULATE THE NATURE/HUMAN DIVIDE IN MESOLITHIC WETLAND ARCHAEOLOGY  
Blaesild, Paulina (University of Gothenburg)

17:45 CHALLENGES IN GLOBAL GEOARCHAEOLOGY: FROM GEOSCIENCES TO ARCHAEOLOGY AND BACK  
Zerboni, Andrea (Università degli Studi di Milano, Dipartimento di Scienze della Terra „A. Desio“)

18:00 DISCUSSION SLOT

18:15 DISCUSSION SLOT

### 1030 SURVEYING IN ARCHAEOLOGY IN THE DIGITAL ERA: RETHINKING OLD PROCEDURES AND IMAGINING NEW STANDARDS

**Room:** 8=CU003-FL1-Aula III

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Cavalazzi, Marco (Università di Bologna; University of Michigan) - Johnson, Tyler (Kelsey Museum of Archaeology - University of Michigan) - Putzolu, Cristiano (Università di Bologna)

#### ABSTRACTS

14:00 SURVEY IN 2024, BETWEEN LEGACIES AND FUTURE  
Pintucci, Alessandro (Confederazione Italiana Archeologi)

14:15 THINKING OUTSIDE THE SQUARE: A CASE STUDY ON THE VALIDITY OF THE ARCHAEOLOGICAL SURVEY  
Valsecchi Gillmeister, Margherita (Freie Universität Berlin)

14:30 AN APPROACH TO PERIOD-BASED ARCHAEOLOGICAL SURVEYS: THE LATE IRON AGE IN OMAN AS A CASE STUDY  
Mauro, Fausto (Heidelberg Centre for Cultural Heritage)

14:45 REFRAMING DIGITAL FIELD SURVEY STRATEGIES: SELF-CRITICAL EVALUATION OF THE DATA COLLECTION WORKFLOW IN THE WEMALP PROJECT (GREECE)  
Bottoni, Margherita - Rossi, Matteo (Università degli Studi di Roma "Tor Vergata") - Fasson, Federico (Università degli Studi di Bari Aldo Moro) - Scoz, Jacopo (Sapienza Università di Roma)



- 15:00 USING KOBOTOOLBOX FOR FIELD DOCUMENTATION OF AFRICA'S HERITAGE SITES: EXPERIENCES ON THE DEPLOYMENT OF A MOBILE FIELD RECORDING APPLICATION.  
Van Der Merwe, Renier - Kiala, Serge (Origins Centre, University of the Witwatersrand) - Merlo, Stefania (McDonald Institute for Archaeological Research, University of Cambridge) - Ochungo, Pamela (British Institute in Eastern Africa) - Lander, Faye (Origins Centre, University of the Witwatersrand)
- 15:15 SYSTEMATIC SURVEYS AND CONTEXTUAL ANALYSIS OF EVIDENCE IN THE SIBARITIDE AREA (NORTHERN CALABRIA)  
Valentini, Giuseppe - Vanzetti, Alessandro (Sapienza University of Rome)
- 15:30 AN INTERDISCIPLINARY AND NON-INVASIVE APPROACH TO INVESTIGATE THE ARCHAEOLOGICAL LANDSCAPE OF BRIATICO (CALABRIA, ITALY) IN THE LONGUE DURÉE  
Coleschi, Alessandra - Dalle Vedove, Letizia (Università di Siena)
- 15:45 DISCUSSION SLOT
- 16:30 THE UNINETTUNO ARCHAEOLOGICAL PROJECT AT ROSSOMANNO (SICILY): METHODS, APPROACHES AND TOOLS FOR SURVEY AND DATA COLLECTION  
Brienza, Emanuele - Girella, Luca - Draïà, Eleonora - Anzalone, Marco (Università Telematica Internazionale Uninettuno)
- 16:45 DOCUMENTING THE ARCHAEOLOGICAL RECORD: REFLECTIONS ON THE RELATIONSHIP BETWEEN DIGITAL ARCHAEOLOGY AND THE CONCEPT OF STRATIGRAPHIC UNIT  
Putzolu, Cristiano - Cavalazzi, Marco (Dipartimento di Storia Culture Civiltà, Università di Bologna; Department of Classical Studies, University of Michigan)
- 17:00 STRATEGIES AND METHODS IN DOCUMENTING AND NARRATING TANGIBLE CULTURAL HERITAGE. THE CASE OF S. LORENZO IN MIRANDA (ROME)  
De Stefano, Francesco - Cecconi, Nicolò - Griffo, Marika - Porfiri, Francesca - Ippoliti, Mattia - Pavia, Davide - Moricca, Claudia - Perrone, Francesca (Sapienza Università di Roma)
- 17:15 SURVEY AND ELABORATION OF DIGITAL DATA FOR A STRATIGRAPHIC ANALYSIS OF PLURISTRATIFIED CONTEXTS: THE S.C. DOMUS DEGLI AMERICANI (PALATINE, ROME)  
Bossi, Sara - Squartini, Nicolò - Mele, Samira (Sapienza University)
- 17:30 REASSESSING THE LEGACY SURVEY DATA FROM KARANIS (EGYPT) IN THREE DIMENSIONS  
Johnson, Tyler (University of Michigan)

- 17:45 „THE ROLE OF DIGITAL TECHNOLOGY IN THE DOCUMENTATION OF EGYPTIAN ROCK ART. EXPERIENCES FROM YALE EGYPTOLOGY EXPEDITIONS  
Urcia, Alberto (Yale University)
- 18:00 UNVEILING PRECISION: THE CASE FOR SMALL ARCHAEOLOGICAL FINDS IN 3D PHOTOGRAMMETRY  
Lauro, Vittorio - Lombardo, Vincenzo (Università di Torino)
- 18:15 DISCUSSION SLOT

### 1052 REVIEWING THE 2020 MERC MANIFESTO? CHECKING IN ON THE FUTURE DIRECTION OF MEDIEVAL ARCHAEOLOGY IN EUROPE

- Room:** 70=CU028-FL1-Aula 3  
**Time:** 16:30 - 18:30  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Round table  
**Organisers:** Crabtree, Pam (New York University) - Lewis, Carena (University of Lincoln)

### 1057 THE MEDITERRANEAN IN SCANDINAVIA? IMPORTS AND TRADE DURING THE MIDDLE AGES AND EARLY MODERN PERIOD, C. 1000-1800

- Room:** 61=CU022-EXT-Aula D  
**Time:** 16:30 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Discussion session (with formal abstracts)  
**Organisers:** Haggren, Georg (University of Turku; University of Helsinki) - Kjellberg, Joakim (County Museum of Uppland, Uppsala; the Medieval Museum, Stockholm) - Wennberg, Tom (Museum of Gothenburg)

### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 THE METROPOLE AND THE MEDITERRANEAN  
Whatley, Stuart - Keenan, Samuel (Museum of Copenhagen)
- 17:00 GOTHENBURG AND THE MEDITERRANEAN - TRACES OF TRADE ROUTES  
Wennberg, Tom (Museum of Gothenburg)
- 17:15 MEDITERRANEAN GLASS IN THE NORTH - ANALYZING A LONG TRADITION SPANNING CENTURIES  
Haggren, Georg (University of Turku; University of Helsinki)

17:30 WHO USED VENETIAN ENAMELLED GLASS BEAKERS IN CENTRAL SWEDEN? - RECENT FINDS AND NEW UNDERSTANDINGS  
Kjellberg, Joakim (Medeltidsmuseet/Upplandsmuseet)

### 1058 DRYLAND AGRICULTURE AND LAND USE; PAST, PRESENT AND FUTURE RESILIENCE

**Room:** 61=CU022-EXT-Aula D  
**Time:** 14:00 - 16:00  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Discussion session (with formal abstracts)  
**Organisers:** Whitehouse, Nicki (University of Glasgow) - Fiorentino, Girolamo (University of Salento)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 AGRI-DRY: DRYLAND AGRICULTURE AND LAND USE; PAST, PRESENT AND FUTURE RESILIENCE  
Whitehouse, Nicki (Archaeology, University of Glasgow) - Madella, Marco (Complexity and Socio-Ecological Dynamics - CASES, Research Group, Universitat Pompeu Fabra) - Fiorentino, Girolamo (Department of Cultural Heritage, Università del Salento) - Mothulatsipi, Sarah (Archaeology Unit, Dept History, University of Botswana) - Ordonez, Alejandro (Department of Biology: Centre for Biodiversity Dynamics in a Changing World, University of Aarhus) - Schoeman, Alex (School of Geography, Archaeology & Environmental Studies, University of Witwatersrand)
- 14:30 LONG-TERM TRENDS IN ECOSYSTEM AND AGRICULTURAL BIODIVERSITY IN NEOLITHIC WEST ASIA  
Roe, Joe (University of Bern)
- 14:45 THE BOOM AND BUST OF DESERT AGRICULTURE: ARABLE TRANSFORMATION OF THE COUDE DE DRAA, MOROCCO UNDER MUSLIM RULE  
Pelling, Ruth (Ucl (University College London; Historic England) - Fenwick, Corisande (UCL) - Bokbot, Youssef (INSAP) - Mattingly, David (University of Leicester)
- 15:00 DISCUSSION SLOT

### 1061 APPRECIATING THE ARCHAEOLOGICAL VALUE OF PRESERVED FAECES USING MULTIFACETED METHODS

**Room:** 64=CU022-FLG-Aula C  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Green, Eleanor (BioArCh, University of York) - Fuks, Daniel (Ben-Gurion University of the Negev; McDonald Institute for Archaeological Research, University of Cambridge) - Dunseth, Zachary (Archaeology Program, Boston University)

#### ABSTRACTS

- 14:00 FODDERING STRATEGIES AND VEGETATION EXPLOITATION THROUGH THE MULTIPROXY STUDY OF HERBIVORE DUNG FROM MIDDLE BRONZE AGE N-ITALIAN SETTLEMENTS  
Dal Corso, Marta (Department of Geosciences, University of Padova) - d'Aquino, Silvia - Piazzalunga, Giorgio (Dipartimento dei Beni Culturali, Università di Padova) - Baldan, Maela (Department of Geosciences, University of Padova) - Bortolini, Mara - Battistel, Dario (Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice) - Manfrin, Maria Sofia (Preclab - Laboratorio di Preistoria, Protostoria Ed Ecologia Preistorica del Dipartimento di Beni Culturali e Ambientali, Università degli Studi di Milano) - Gillis, Rosalind (Deutsches Archäologisches Institut, Referat Naturwissenschaften, Berlin) - Polisca, Federico - Nicosia, Cristiano (Department of Geosciences, University of Padova)
- 14:15 UNPICKING THE CONTENTS OF VIKING-AGE LATRINES PRIMARILY USING ANCIENT DNA METHODOLOGIES  
Green, Eleanor (University of York)
- 14:30 DETECTION OF FAECAL MATTER IN A NEOLITHIC COMBUSTION FEATURE AT ABRIC DEL XICOTÓ THROUGH A MULTIPROXY GEOARCHAEOLOGICAL ANALYSIS  
Fernández-Palacios, Enrique (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de la Laguna) - Égüez, Natalia (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de la Laguna; Departamento de Geografía e Historia, Udi Prehistoria, Arqueología e Historia Antigua, Facultad de

Humanidades, Universidad de la Laguna) - González-Olivares, Cynthia (SERP - Seminari d'Estudis I Recerques Prehistòriques, Universitat de Barcelona; IAUB (Institut d'Arqueologia de la Universitat de Barcelona) - Herrera-Herrera, Antonio (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de la Laguna; Departamento de Química, Facultad de Ciencias, Universidad de la Laguna) - Mallol, Carolina (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de la Laguna; Departamento de Geografía e Historia, Udi Prehistoria, Arqueología e Historia Antigua, Facultad de Humanidades, Universidad de la Laguna) - Mangado, Xavier - Sánchez de la Torre, Marta (SERP - Seminari d'Estudis I Recerques Prehistòriques, Universitat de Barcelona; IAUB - Institut d'Arqueologia de la Universitat de Barcelona, Universitat de Barcelona)

14:45 **THE FAECAL MATTER AT HAND - THE UTILISATION OF FAECAL BIOMARKER ANALYSIS IN PALAEOENVIRONMENTAL RECONSTRUCTIONS**

Bertheussen, Anastasia (University of Oslo)

15:00 **SMELL THE DIFFERENCE: VOLATILE ORGANIC COMPOUNDS (VOCs) AS A RAPID MEANS FOR ASSESSING THE SOURCE OF COPROLITES**

Whelton, Helen - Zhao, Wanyue (University of Bristol) - Shillito, Lisa-Marie (Newcastle University) - Bull, Ian (University of Bristol)

15:15 **DATING DUNG: RADIOCARBON DATING OVICAPRID FECAL PELLETS**

Dunseth, Zachary (Boston University) - Fuks, Daniel (Ben Gurion University of the Negev; University of Cambridge)

15:30 **THE DOG OR ITS MASTER? FURTHER INTERDISCIPLINARY RESEARCH ON COPROLITES FROM STARE GMAJNE ENEOLITHIC PILE-DWELLING SITE IN SLOVENIA**

Tolar, Tjaša - Caf, Nina (Zrc Sazu, Institute of Archaeology) - Galik, Alfred (Austrian Academy of Sciences, Barcelona Austrian Archaeological Institute) - Le Bailly, Matthieu (University of Bourgogne Franche-Comte, Faculty of Sciences and Techniques)

15:45 **DISCUSSION SLOT**

16:30 **UTILIZING CT SCAN AND LIPID ANALYSIS IN COPROLITE STUDIES: A CASE STUDY OF JOMON SITES IN JAPAN**

Shiroishi, Tetsuya (Yamagata University) - Nishida, Yasutami (Niigata Prefectural Museum of History) - Sakiko, Namigata (Archaeological Research Institution of Yokohama, Yokohama Historical Foundation) - Fukui, Junichi (Hokkaido Archaeological Operations Centre) - Miyata, Yoshiki (The University Museum, the University of Tokyo)

16:45 **UNVEILING INDIVIDUAL DIETARY PROFILES AND CULINARY PRACTICES OF THE PAST: A MULTIDISCIPLINARY ANALYSIS OF PALEOFECES**

Maixner, Frank (EURAC Research Institute for Mummy Studies) - Sarhan, Mohamed (Department CIBIO, University of Trento; EURAC Research Institute for Mummy Studies) - Oegg, Klaus (Institute of Botany, University of Innsbruck) - Rattei, Thomas (Cube - Division of Computational Systems Biology, Centre for Microbiology and Environmental Systems Science, University of Vienna) - Reschreiter, Hans (Nn) - Moritz, Robert (Institute for Systems Biology, Seattle) - Segata, Nicola (Department CIBIO, University of Trento) - Zink, Albert (EURAC Research Institute for Mummy Studies) - Kowarik, Kerstin (Austrian Archaeological Institute, Austrian Academy of Sciences; Prehistoric Department, Museum of Natural History Vienna)

17:00 **DISCUSSION SLOT**

1076 **THE LATE ANTIQUE TO EARLY MEDIEVAL TRANSITION IN EUROPE AND NORTH AFRICA: SOCIO-CULTURAL DYNAMICS OF MIGRATION, MOBILITY, AND IDENTITY**

**Room:** 20=CU003-FL4-De Martino

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Morgan, Reed (Max Planck Institute for Evolutionary Anthropology, Department of Archaeogenetics; Harvard University, Department of History) - Gerling, Claudia (University of Basel) - Olalde, Iñigo (Universidad del País Vasco) - Villalba, Vanessa (Max Planck Institute for Evolutionary Anthropology, Department of Archaeogenetics Institute of Evolutionary Biology; CSIC-Universitat Pompeu Fabra)

## ABSTRACTS

8:30 **INTRODUCTION**

8:45 **TRACING THE ORIGINS OF ALWA: ISOTOPIC INSIGHTS INTO THE FOUNDATION OF SOBA AND THE SOCIO-CULTURAL DYNAMICS OF EARLY MEDIEVAL NUBIA**  
Ciesielska, Joanna (Faculty of Oriental Studies / Institute for Advanced Studies, Faculty of Physics, University of Warsaw)

- 9:00 **ARCHAEOGENETICS AND THE SOCIAL DYNAMICS OF ANCESTRY AND IDENTITY IN VANDAL AND BYZANTINE CARTHAGE, TUNISIA**  
Morgan, Reed (Harvard University; Max Planck Institute for Evolutionary Anthropology) - Chalghoumi, Najd - Ben Romdhane, Hamden (Institut National du Patrimoine, Tunisia) - Bockmann, Ralf (University of Hamburg) - Stevens, Susan (Randolph College) - Rossiter, Jeremy (University of Alberta) - Humphrey, John (Journal of Roman Archaeology) - Penefather-O'Brien, Elizabeth (Medicine Hat College) - Ringbauer, Harald - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology)
- 9:15 **DISCUSSION SLOT**
- 9:30 **BIRTH OF A MEDITERRANEAN CITY: EXPLORING THE METAMORPHOSIS OF VALENCIA THROUGH TIME USING ANCIENT DNA**  
Oteo Garcia, Gonzalo (Sapienza - Università di Roma; Stockholm University)
- 9:45 **THE DEMOGRAPHIC IMPACT OF THE ROMAN AND VISIGOTHIC PRESENCE IN THE IBERIAN PENINSULA**  
Carrion, Pablo (Institut de Biologia Evolutiva - CSIC-UPF) - Olalde, Iñigo (Biomics Research Group, Department of Zoology and Animal Cell Biology, University of the Basque Country UPV/EHU) - Jiménez-Arenas, Juan Manuel (Departamento de Prehistoria y Arqueología, Universidad de Granada) - Vergès, Josep María (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Cuadrado, Miguel Angel (Museo de Guadalajara) - Heras-Mora, Javier (Archaeological Museum of Badajoz) - García-Entero, Virginia (Departamento de Prehistoria y Arqueología, Universidad Nacional de Educación a Distancia) - Coromina, Neus (Universitat de Girona) - Lalueza-Fox, Carles (Natural Sciences Museum of Barcelona) - Reich, David (Department of Human Evolutionary Biology, Harvard University)
- 10:00 **THE GENOMIC HISTORY OF THE BALEARIC ISLANDS**  
Villalba-Mouco, Vanessa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Institute of Evolutionary Biology, CSIC-Universitat Pompeu Fabra; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Sintés, Elena (Independent Researcher) - Rohrlach, Adam (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; School of Mathematical Sciences, University of Adelaide) - Mas Florit, Catalina (Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB; Universitat de

Barcelona - UB) - Cau-Ontiveros, Miguel (ICREA; Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB; Universitat de Barcelona - UB) - Skourtanioti, Eirini (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Stockhammer, Phillip (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University) - Haak, Wolfgang (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Risch, Roberto (Department of Prehistory, Universitat Autònoma de Barcelona) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM)

10:15

**DISCUSSION SLOT**

11:00

**FROM WINE EXPORT HUB TO PILGRIMAGE CORRIDOR: MITZPE SHIVTA AND SOCIO-ECONOMIC SHIFTS IN THE LATE ANTIQUE NEGEV DESERT**  
Lehnic, Sina (University of Haifa; Minerva Stiftung für die Forschung, Max-Planck-Gesellschaft)

11:15

**BASEL IN THE FIRST CENTURIES AD: INTERDISCIPLINARY INSIGHTS INTO MOBILITY AND SOCIO-CULTURAL STRUCTURES**

Gerling, Claudia (University of Basel) - Depaermentier, Margaux (Vilnius University) - Alder, Cornelia (University of Basel) - Hajdas, Irka (ETH Zurich) - Kempf, Michael (University of Basel) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology) - Schwarz, Peter-Andrew (University of Basel)

11:30

**COMMUNICATION AND CONNECTIVITY IN 6TH-CENTURY PANNONIA: SIGNS OF AN ETHNOGENESIS?**

Koncz, István (Eötvös Loránd University) - Tian, Yijie (Department of Ecology and Evolution, Stony Brook University) - Knipper, Corina (Curt-Engelhorn-Zentrum Archäometrie) - Faragó, Norbert (Institute of Archaeological Sciences, Eötvös Loránd University) - Szczygłowski, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Vyas, Deven (Department of Ecology and Evolution, Stony Brook University) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University) - Veeramah, Krishna (Department of Ecol-

ogy and Evolution, Stony Brook University) - Geary, Patrick (Institute for Advanced Study)

11:45

DISCUSSION SLOT

12:00

**ON THE WAY FROM ITALY TO GOTLAND - THE FINDS OF OSTROGOTHIC SOLIDI FROM POLISH BARBARICUM**

Zapolska, Anna (University of Warsaw) - Dymowski, Arkadiusz (Independent Scholar)

12:15

**EARLY MEDIEVAL POPULATION MOVEMENTS FROM THE STEPPE INTO EUROPE: INTEGRATING ARCHAEOLOGY, HISTORY AND ANCIENT GENOMICS**

Gnecchi Ruscone, Guido Alberto (Max Planck Institute for Evolutionary Anthropology ; Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Rácz, Zsófia (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University) - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology) - Liccardo, Salvatore (Department of History; Institute for Medieval Research, Austrian Academy of Sciences) - Pohl, Walter (Department of History; Institute for Medieval Research, Austrian Academy of Sciences) - Vida, Tivadar (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University; Institute of Archaeology, Hun-Res Research Centre for the Humanities) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology; Department of Archaeology and Museology, Faculty of Arts, Masaryk University;)

12:30

DISCUSSION SLOT

1082

**THE ARCHAEOLOGY OF EU-POTARCH: THE PRODUCTION OF POTASH, TAR, RESIN AND CHARCOAL IN THE ARCHAEOLOGICAL RECORD**

**Room:** 14=CU003-FL3-Simonetti

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Nelle, Oliver (State Office for Cultural Heritage Baden-Württemberg; University of Regensburg) - Deforce, Koen (Ghent University; Royal Belgian Institute of Natural Sciences) - Burri, Sylvain (French National Centre for Scientific Research, TRACES UMR 5608 CNRS - Université Toulouse Jean Jaurès)

**ABSTRACTS**

8:30 INTRODUCTION

8:45 **THE PRODUCTION OF POTASH, TAR, RESIN AND CHARCOAL IN THE ARCHAEOLOGICAL RECORD**

Nelle, Oliver (Landesamt für Denkmalpflege Im Regierungspräsidium Stuttgart; Regensburg University) - Deforce, Koen (Ghent University) - Burri, Sylvain (CNRS; University of Toulouse)

9:00 **INTERDISCIPLINARY RESEARCH ON CHARCOAL KILN SITES IN MONTIERI (TUSCANY-ITALY); ENVIRONMENTAL DYNAMICS AND WOODMANSHIP PRACTICES BETWEEN 18TH-20TH CENTURY**

Pescini, Valentina (Catalan Institute of Classical Archaeology, ICAC) - Gabellieri, Nicola (Università di Trento)

9:15 **A LANDSCAPE AND ENVIRONMENTAL STUDY OF HISTORIC CHARCOAL PRODUCTION IN WEST AND SOUTH YORKSHIRE**

Atkinson, Christopher (University of Sheffield)

9:30 DISCUSSION SLOT

9:45 **EXPLORING ESTONIA'S CHARCOAL BURNING LEGACY**

Tomson, Pille (Estonian University of Life Sciences) - Saage, Ragnar (University of Tartu) - Kama, Pikne (Estonian National Heritage Board)

- 10:00 **STUDY OF PRODUCTION TECHNIQUES AND INVESTIGATION OF CHEMICAL DEGRADATION OF MULTI-COMPONENT ARCHAEOLOGICAL ADHESIVES**  
Bertelli, Irene (Department of Sciences of Antiquity, Sapienza University of Rome; Department of Chemistry and Industrial Chemistry, University of Pisa) - Nardella, Federica - Mattonai, Marco - la Nasa, Jacopo - Ribechini, Erika (Department of Chemistry and Industrial Chemistry, University of Pisa)
- 10:15 **DISCUSSION SLOT**
- 11:00 **DEBONDABLE ADHESIVES: AN ARCHAEO-INSPIRED ADHESIVE FOR MODERN APPLICATIONS**  
Aleo, Alessandro (Delft University of Technology, Faculty of Mechanical Engineering; Leiden University, Faculty of Archaeology) - Langejans, Geeske (Delft University of Technology, Faculty of Mechanical Engineering; University of Johannesburg, Centre for Anthropological Research)
- 11:15 **IDENTIFYING PREHISTORIC TARS**  
Langejans, Geeske (Delft University of Technology; University of Johannesburg) - Aleo, Alessandro (Delft University of Technology) - Chasan, Rivka (University of Turin) - Fajardo, Sebastian (Leiden University) - Kozowyk, Paul (Delft University of Technology)
- 11:30 **THE POTARCH PRODUCTION IN THE BIELSKA PLAINE (NORTHERN-EASTERN POLAND). A CASE STUDY OF THE BIAŁOWIEŻA PRIMEVAL FOREST AND BEYOND**  
Szubski, Michal - Szubska, Magdalena (Cardinal Stefan Wyszyński University in Warsaw)
- 11:45 **RESEARCH ON CHARCOAL BURNING PLATFORMS IN THE CZECH REPUBLIC. METHODS, RESULTS AND PERSPECTIVE**  
Dejmal, Miroslav (MUNI- Ústav Archeologie a Muzeologie) - Přibyllová, Michala - Šimík, Jakub (Archaia Brno Z.Ú) - Houška, Jakub (The Silva Tarouca Research Institute) - Brejcha, Roman (National Heritage Institute)
- 12:00 **DISCUSSION SLOT**
- 12:15 **"CHARCOAL FOR CHARLEMAGNE" - FUELWOOD EXPLOITATION, IRON MINING AND EMERGENT ELITES IN THE YOUNGER EARLY MIDDLE AGES (C. 700-1000 AD)**  
Lebsak, Michael (Albert-Ludwigs Universität Freiburg; Institute of Archaeology of the Czech Academy of Sciences, Brno; Masaryk University Brno)

- 12:30 **PAST CHARCOAL MAKING REMAINS IN CURRENT OLD-GROWTH FORESTS HIGHLIGHT PAST HUMAN ACTIVITY IN THE FRENCH PYRENEES AND ROMANIAN CARPATHIANS**  
Py-Saragaglia, Vanessa - Saulnier, Mélanie (Université de Toulouse-CNRS Geode UMR 5602) - Burri, Sylvain (Université de Toulouse-CNRS TRACES UMR 5608) - Larrieu, Laurent (INRAE, UMR Dynafor & Cnpf-Crpf Occitanie) - Poirier, Nicolas (Université de Toulouse-CNRS TRACES UMR 5608) - Labbas, Vincent (IR-PA-KIK/Université de Liège)

12:45 **DISCUSSION SLOT**

### 1083 **BIOGRAPHY, PERSONHOOD, POLITICS, ANCESTRY AND LUCK: THE ARCHAEOLOGY OF LIFE PATHS**

**Room:** 63=CU022-FLG-Montalenti

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Robb, John (University of Cambridge) - Thompson, Jess (University of Cambridge) - Tafuri, Mary Anne (University of Rome „La Sapienza“)

### ABSTRACTS

8:30 **INTRODUCTION**

8:45 **SPECTACLE AND AUTHENTICITY IN FORENSIC BIOHISTORY**  
Duncan, William (Etsu) - Stojanowski, Christopher (Arizona State University)

9:00 **AFTER THE LBK LIFEWAYS PROJECT: REFLECTIONS A DECADE LATER**  
Bickle, Penny (University of York) - Whittle, Alasdair (Cardiff University)

9:15 **NARRATIVE BODIES AND PERIOD LIVES: CHANGING BIOGRAPHIES IN PREHISTORIC EUROPE**  
Robb, John (University of Cambridge)

9:30 **LIFETIME IDENTITIES AND BURIAL PATHWAYS IN COPPER AGE ITALY**  
Daniele, Annamaria - Recchia, Giulia (Sapienza University of Rome, Department of Antiquity) - Dolfini, Andrea (Newcastle University, School of History, Classics and Archaeology)

- 9:45 **ACTIVITY-RELATED SKELETAL CHANGES AND FUNERARY TREATMENT AT POP VKY (BELL BEAKER PERIOD, CZECHIA)**  
Ryan-Despraz, Jessica (University of Bern, Switzerland; Moravian Museum, Czechia) - Milella, Marco (University of Bern, Switzerland) - Lösch, Sandra (University of Bern, Switzerland) - Tvrđý, Zdeněk (Moravian Museum, Czechia)
- 10:00 **MUMMIES ON THE MOVE: KINSHIP AND MOBILITY IN EARLY BRONZE AGE CENTRAL EUROPE**  
Rebay-Salisbury, Katharina (University of Vienna)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FLUID STATUS, MOBILE LIFE: A BIOGRAPHY OF THE DIVINER 'JUE' AT YINXU**  
Wu, Mengyang (Institute of Archaeology, Chinese Academy of Social Sciences; Department of Anthropology, University of British Columbia)
- 11:15 **SOCIAL BELONGING AND RELATEDNESS AT THE RISE OF THE GREEK CITY-STATE: GENETIC EXPLORATION OF AREA 3 FROM THE HALIEIS NECROPOLIS**  
Tiliakou, Anthi (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Fabricius, Johanna (Institut für Klassische Archäologie, Freie Universität Berlin) - Schlehofer, Jenny (Niedersächsisches Landesmuseum Hannover) - Papadimitriou, Alksestis - Kossiva, Aggeliki (Ephorate of Antiquities of Argolida, Hellenic Ministry of Culture and Sports) - Bianco, Raffaella (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Stockhammer, Philipp (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig-Maximilian-University Munich) - Mitnik, Alissa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck-Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM)

- 11:30 **LIFE PATHS OF THE PARAHUMAN: ROMAN ENSLAVED, ASSEMBLAGES, AND DIASPORIC PERSONHOOD**  
Mol, Eva (Eva.mol@york.ac.uk)
- 11:45 **BIOMOLECULAR ANALYSIS OF A ROMAN BURIAL FROM RURAL CAMBRIDGESHIRE REVEALS AN EXTRAORDINARY HISTORY OF CHILDHOOD MOVEMENT ACROSS THE EMPIRE**  
Booth, Thomas (Francis Crick Institute) - Silva, Marina - Anastasiadou, Kyriaki (Francis Crick Institute) - Moore, Joanna (Durham University) - Walker, Don (MOLA - Museum of London Archaeology) - Kelly, Monica (Francis Crick Institute) - Smith, Alex (Mola Headland) - Bowsher, David (MOLA - Museum of London Archaeology) - Montgomery, Janet (Durham University) - Skoglund, Pontus (Francis Crick Institute)
- 12:00 **UNTOLD STORIES: 'BODY-OBJECTS', POLITICS, AND PERSONHOOD IN LATE PREHISTORIC SCANDINAVIA**  
Eriksen, Marianne Hem - Tollefsen, Emma (University of Leicester; ERC Stg ,Body-Politics')
- 12:15 **FROM LIFE PATHS TO DEAD COMMUNITIES. IDENTITIES AND BELONGING AT FIRST MILLENNIUM SCANDINAVIAN CEMETERIES**  
Arentz Ostmo, Mari (Department of Archaeology, Conservation and History, University of Oslo)
- 12:30 **A LITTLE KNOWLEDGE IS A DANGEROUS THING: INTEGRATING BIOMOLECULAR ANALYSES TO RECONSTRUCT LIFE HISTORIES IN EARLY MEDIEVAL SCOTLAND**  
Koster, Lucy - Britton, Kate - Czére, Orsolya (School of Geosciences, University of Aberdeen) - Dittmar, Jenna (Anatomical Sciences, Edward Via College of Osteopathic Medicine) - Silva, Marina - Booth, Thomas (Ancient Genomics Laboratory, the Francis Crick Institute) - McCabe, Jesse (Ancient Genomics Laboratory, the Francis Crick Institute) - Curtis, Neil (Museums and Special Collections, University of Aberdeen) - Skoglund, Pontus (Ancient Genomics Laboratory, the Francis Crick Institute) - GIRDland Flink, Linus (School of Geosciences, University of Aberdeen; School of Biological and Environmental Sciences, Liverpool John Moores University)
- 12:45 **DISCUSSION SLOT**
- 14:00 **'WHERE INDIVIDUALS ARE NAMELESS AND UNKNOWN': OSTEOBIOGRAPHY AND THE SOCIAL AGENCY OF INDIVIDUALS IN THE PAST**  
Knusel, Christopher (Université de Bordeaux)

- 14:15 ON THE INTERSECTION OF HEALTH, DISEASE, AND COMMUNITY CARE: HOW THE LIFE PATHS OF LEPROSY PATIENTS IN MEDIEVAL ENGLAND UNFOLDED  
Blom, Alette (University of Basel)
- 14:30 ARCHAEOLOGICAL PERSPECTIVE TO THE LIFE NARRATIVE OF A SWEDISH AUTHOR, CATHARINA SWEDENMARCK  
Lipkin, Sanna (University of Oulu) - Kallio-Seppä, Titta (Museum of Torne Valley) - Väre, Tiina (University of Helsinki)
- 14:45 MAKING IDENTITY, BIOGRAPHY, AND MEMORY THROUGH COLLECTIONS OF HUMAN REMAINS  
Granato, Julia (University of Oxford)
- 15:00 DISCUSSION SLOT
- 15:15 DISCUSSION SLOT

### 1093 LIFE AND DEATH IN THE CELTIC WEST: NEW INSIGHTS FROM BIOARCHAEOLOGY AND FUNERARY ARCHAEOLOGY

**Room:** 65=CU022-FLG-Giacomini

**Time:** 16:30 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** O'Brien Butler, Ciara (- Faillace, Katie (Cardiff University) - Hemmer, Katie (University College London) - Kinirons, Samuel (University College Dublin)

#### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 FEEDING KING AND COURT: FOOD RENDERS, HUNTING AND FEASTING AT LLANGORSE CRANNOG, WALES  
Best, Julia - Mulville, Jacqui (Cardiff University)
- 17:00 BEYOND THE BONES: THE EARLY MEDIEVAL ANIMAL REMAINS FROM LLANBEDRGOCH, ANGLESEY  
Hood, Meredith (Cardiff University; Amgueddfa Cymru)
- 17:15 REDATING VIKING AGE DUBLIN: THE MARINE RESERVOIR EFFECT IN DUBLIN'S FURNISHED BURIALS  
Kinirons, Samuel (University College Dublin) - Leggett, Sam (The University of Edinburgh)

- 17:30 CELTIC CONNECTIONS: INVESTIGATING MOBILITY IN EARLY MEDIEVAL WALES USING MULTI-ISOTOPE ANALYSIS  
Faillace, Katie (- O'Brien Butler, Ciara - Madgwick, Richard (Cardiff University)
- 17:45 BIOLOGICAL DISTANCE ANALYSIS IN EARLY MEDIEVAL WALES: EXPLORING KINSHIP AND POST-MARITAL RESIDENCE  
O'Brien Butler, Ciara - Lane, Alan - Madgwick, Richard (Cardiff University)
- 18:00 LIFE AND DEATH IN IRON AGE WALES: RESULTS FROM RADIOCARBON DATING, HISTOLOGICAL AND STABLE ISOTOPE ANALYSES FROM CASE-STUDY SITES  
Bricking, Adelle (Amgueddfa Cymru - Museum Wales) - Davis, Oliver - Madgwick, Richard (Cardiff University)
- 18:15 DISCUSSION SLOT

### 1101 IMPRINTS - TRACING LATE PREHISTORIC ENVIRONMENTAL IMPACT IN SOUTHERN EUROPE THROUGH NON/LOW INVASIVE METHODS

**Room:** 12=CU003-FL1-Toesca

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Vinci, Giacomo (University of Padova) - Brandolini, Filippo (University of Newcastle) - Zeviani, Camilla (University of Cambridge) - Stoddart, Simon (University of Cambridge)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 FRONTIER TERRAMARE: PRELIMINARY PALAEOENVIRONMENTAL RECONSTRUCTIONS FROM THE TERRAMARE OF RONCHI DI CAORSO (PC)  
Zappa, Jessica (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia) - Scacchetti, Federico - Bonometti, Paolo (Ar/S Archeosistemi Società Cooperativa) - Mazzieri, Paola (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di Parma e Piacenza) - Zerboni, Andrea - Cremaschi, Mauro (Dipartimento di Scienze della Terra „A. Desio“, Università degli Studi di Milano) - Carra, Marialetizia (Dipartimento di Storia Culture e Civiltà, Università di Bologna) - Mercuri, Anna Maria



- (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia)
- 14:30 **ENVIRONMENTAL CHANGES AT THE DAWN OF METALLURGY IN A PREHISTORIC ALPINE MINING REGION IN TRENTINO, ITALY**  
Piazzalunga, Giorgio (Dipartimento dei Beni Culturali, Università degli Studi di Padova) - Dal Corso, Marta (Dipartimento di Geoscienze, Università degli Studi di Padova) - Avanzini, Marco (Ufficio Ricerca e Collezioni Museali, Museo Delle Scienze di Trento) - Bellintani, Paolo (Umst Soprintendenza Per I Beni e Le Attività Culturali, Provincia Autonoma di Trento) - Silvestri, Elena (Umst Soprintendenza Per I Beni e Le Attività Culturali, Provincia Autonoma di Trento) - Nicosia, Cristiano (Dipartimento di Geoscienze, Università degli Studi di Padova)
- 14:45 **TRACING THE LONG-TERM ENVIRONMENTAL AND SETTLEMENTS DYNAMICS IN THE COASTAL PLAIN OF NE ITALY SINCE MIDDLE HOLOCENE**  
Azzalin, Mattia (University of Padua) - Vinci, Giacomo (University of Padua) - Donders, Timme - Gerats, Wouter (University of Utrecht) - Fontana, Alessandro (University of Padua)
- 15:00 DISCUSSION SLOT
- 15:15 **EFFECTS OF ANTHROPOGENIC AND CLIMATIC CHANGES ON THE APENNINE LANDSCAPE DURING THE LATE BRONZE AGE: PALYNOLOGICAL EVIDENCE FROM CENTRAL ITALY**  
Vignola, Cristiano (Department of Environmental Biology, Sapienza University of Rome) - Bettelli, Marco (National Research Council, Institute of Cultural Heritage Sciences - CNR-ISPC) - Cardarelli, Andrea (Department of Science of Antiquities, Sapienza University of Rome) - di Renzoni, Andrea (National Research Council, Institute of Cultural Heritage Sciences - CNR-ISPC) - Sadori, Laura (Department of Environmental Biology, Sapienza University of Rome)
- 15:30 **HUMAN IMPACT ON THE ENVIRONMENT AND LAND USE EVOLUTION: MULTI-PROXY ANALYSIS AT THE BRONZE AGE SITE OF "LA MURAIOLA"**  
Bandini, Beatrice - d'Aquino, Silvia - Polisca, Federico - Breglia, Francesco (Department of Geosciences, University of Padua) - Dal Corso, Marta (Department of Geosciences, University of Padua) - Piazzalunga, Giorgio (Department of Cultural Heritage, University of Padua) - Nicosia, Cristiano (Department of Geosciences, University of Padua)
- 15:45 DISCUSSION SLOT

- 16:30 **ENVIRONMENTAL IMPACT OF BRONZE AGE MONUMENTS: THE MOUND OF UDINE AND THE FRIULI PLAIN (NE ITALY)**  
Vinci, Giacomo - Fontana, Alessandro (University of Padua)
- 16:45 **RECONSTRUCTING LONG-TERM HUMAN IMPACT IN CENTRAL ADRIATIC ITALY USING LEGACY AND NEW DATASETS**  
De Neef, Wieke (Otto-Friedrich Universität Bamberg)
- 17:00 **„THE ORIGIN OF LANDSCAPE INSTABILITY IN THE FOURTH MILLENNIUM BC OF THE TROINESE OF UPLAND SICILY**  
Marras, Gian - Stoddart, Simon - Schmidt, Frjida - French, Charles (University of Cambridge) - Malone, Caroline (Queen's University Belfast)
- 17:15 DISCUSSION SLOT
- 17:30 DISCUSSION SLOT

## 1102 STRATEGIES TO RULE THEM ALL. A TRANSNATIONAL ANALYSIS OF LANDSCAPE CONTROL AND SCALES OF POWER BETWEEN 5-16TH CENTURIES

**Room:** 38=CU005-FL2-Ponzi II

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Blanco Torrejón, Laura (Universidad de Salamanca) - F. Pereiro, Mario (Institute of Archaeology (University College London)) - Ramos Soriano, Mario (Universidade de Santiago de Compostela) - Baeza Gomariz, Leonor (University of Salamanca) - Sánchez Serrano, David (Rey Juan Carlos University)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **ABULA (ÁVILA, SPAIN) AS A CENTRAL PLACE IN LATE ANTIQUITY HISPANIA THROUGH VISIGOTHIC SLATES**  
Sánchez Serrano, David (Universidad Rey Juan Carlos)
- 9:00 **SIMILARITIES AND DIFFERENCES IN POWER'S EXERCISE BETWEEN CORNWALL AND GALICIA DURING EARLY MIDDLE AGES (5TH TO 10TH CENTURIES)**  
Soriano, Mario (Universidad de Santiago de Compostela; CISPAC)
- 9:15 DISCUSSION SLOT

- 9:30 **WHY BUILD A CASTLE IN EARLY MEDIEVAL GALLECIA (8TH-11TH CENTURIES)? REFLECTIONS ON THE NEEDS OF TERRITORIAL CONTROL.**  
Pereiro Fernández, Mario (Universidade do Minho; Universidade de Santiago de Compostela)
- 9:45 **DEATH AND LANDSCAPE. POWER, CONTROL AND LEGITIMATION THROUGH THE BURIALS DURING THE 8-11TH CENTURIES AD IN THE NW IBERIAN PENINSULA**  
Blanco Torrejón, Laura (University of Salamanca)
- 10:00 **PEASANT PLACES. RECONSTRUCTING THE MEDIEVAL PEASANT LANDSCAPE IN NORTHERN IBERIA (9TH-11TH CENTURIES)**  
Baeza Gomariz, Leonor (University of Salamanca)
- 10:15 **DISCUSSION SLOT**
- 11:00 **THE CREATION OF AN EARLY MEDIEVAL REGIONAL HIERARCHY FROM WITHIN. EXPLORING THE MONASTIC LANDSCAPES OF SAMOS AND MONTE AMIATA ABBEYS.**  
Sanchez-Pardo, Jose Carlos - Fernández Ferreiro, Marcos (University of Santiago de Compostela) - Blanco-Torrejón, Laura (University of Salamanca) - Rodríguez González, Celtia (University of Santiago) - Santos-Salazar, Igor (University of Trento) - Farinelli, Roberto (University of Siena)
- 11:15 **CONFLICT AND INTEGRATION: A DISCUSSION ON THE NORMAN CONTROL SYSTEM OVER LOMBARD BENEVENTO BETWEEN XI AND XII CENTURY**  
Ricchiuti, Daniele (Sapienza Università di Roma)
- 11:30 **MEDIEVAL COLONISATION AS AN EXPRESSION OF SUPRALOCAL POWERS**  
Mazackova, Jana - Zaza, Petr - Vaneckova, Daniela (Masaryk University)
- 11:45 **DISCUSSION SLOT**
- 12:00 **DISCUSSION SLOT**

## 1107 **MANIPULATING SENSES AND STAGING THE INCONCEIVABLE. DISCOVERING THE EMBODIED PAST BY PHENOMENOLOGICAL EXPLORATIONS AND OTHER METHODS**

**Room:** 18=CU003-FL3-Morghen

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Kranig, Friederike (Römisch-Germanische Kommission; Georg-August-Universität Göttingen, Abt. Christliche Archäologie und Byzantinische Kunstgeschichte) - Lorenzon, Marta - Gheorghiadu, Paula (University of Helsinki) - Kerk, Lukas (Universität Münster, Abteilung für Ur- und Frühgeschichtliche Archäologie) - Sager, Tia (University of Toronto)

### ABSTRACTS

- 14:00 **MANIPULATING SENSES AND STAGING THE INCONCEIVABLE: AN INTRODUCTION TO THE ONGOING SEARCH FOR NEW METHODOLOGIES**  
Kerk, Lukas (Abteilung für Ur- und Frühgeschichtliche Archäologie, Universität Münster) - Kranig, Friederike (Römisch-Germanische Kommission; Georg-August-Universität Göttingen, Abt. Christliche Archäologie und Byzantinische Kunstgeschichte) - Lorenzon, Marta - Gheorghiadu, Paula (University of Helsinki) - Sager, Tia (University of Toronto)
- 14:15 **PERFORMATIVE PILGRIMAGE OR DIVINE CHARITY? EXPLORING THE TRANSFORMATION OF BODILY IDENTITY AT ROMAN SANCTUARIES**  
Vierula, Sofia (University of Helsinki)
- 14:30 **SEMANTICS OF SMELL: EXAMINING AN IRON AGE LIMESTONE INCENSE BURNER FROM TELL AL-ASSARA, NORTHERN JORDAN**  
Lahelma, Antti (Unioninkatu 38F 00014 Helsingin Yliopisto Finland)
- 14:45 **DISCUSSION SLOT**
- 15:00 **DOING LANDSCAPE: SENSORIAL AND ARTISTIC APPROACHES TO DONKALNIS AND SPIGINAS MESOLITHIC-NEOLITHIC RITUAL SITES IN WESTERN LITHUANIA**  
Ahola, Marja (University of Oulu; University of Helsinki) - Lassila, Katri (Aalto University) - Mannermaa, Kristiina (University of Helsinki)
- 15:15 **SENSORY DIMENSIONS IN NEUROARCHAEOLOGY: EXPLORING MUDBRICK MANUFACTURING ACROSS THE MEDITERRANEAN**  
Lorenzon, Marta (University of Helsinki)

- 15:30 **CROSSING THE THRESHOLD - EXPERIENCING TRANSITIONS. A NEOLITHIC PERSPECTIVE**  
Waszk, Benny (Johannes Gutenberg-Universität Mainz) - Kinzel, Moritz (Abteilung Istanbul des Deutschen Archäologischen Instituts)
- 15:45 **DISCUSSION SLOT**
- 16:30 **VEILED VISIONS: THE INFLUENCE OF CURTAINS ON RELIGIOUS PERCEPTION IN LATE ANTIQUE CHURCHES**  
Mairhanser, Corinna (Ludwig-Maximilians-Universität München)
- 16:45 **THINKING THROUGH THINGS: SURROGATE OBJECTS IN EIGHTH-CENTURY NORTHUMBRIAN CHRISTIANITY**  
Walsh, Ciarán (Queen's University Belfast)
- 17:00 **THE SOUNDSCAPE OF LATE ANTIQUITY BETWEEN ETHNOLOGY AND (COMMUNITY) ARCHAEOLOGY. ACOUSTIC STAGING ON THE TUR ABDIN**  
Kranig, Friederike (Römisch-Germanische Kommission)
- 17:15 **DISCUSSION SLOT**
- 17:30 **DISCUSSION SLOT**

### 1108 **ARCHAEOLOGY, TEXT, NARRATIVE, AND THE USABLE PAST IN GLOBAL PERSPECTIVE**

**Room:** 66=CU022-FL1-Bettolo

**Time:** 14:00 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Ó Ríagáin, Russell (University College Dublin) - Nol, Hagit (Goethe Universität, Frankfurt-Am-Main)

### ABSTRACTS

- 14:00 **SAXO AND SNORRI AS ANTIQUARIANS AND AUTHORS? BUILDING USABLE PASTS THROUGH ARCHAEOLOGY IN MEDIEVAL DENMARK AND ICELAND**  
Ó Ríagáin, Russell (University College Dublin)
- 14:15 **ARCHAEOLOGY AND NATIONALISM: BETWEEN JEWS AND ARABS**  
Katz, Hayah (Kinneret College On the Sea of Galilee)
- 14:30 **"ANCIENT TEMPLES COLLAPSED": ACTIVATING THE USABLE PAST TO REWRITE MEMORY IN THE URBAN SPACE OF ROME**  
Jacobson, Kearstin (University of Texas at Austin)

- 14:45 **QIN SHI HUANG, THE LEGALIST (FA) THINKERS, AND THE CURRENT CHINESE NATIONALISM**  
Zaharia, Daniela (University of Bucharest)
- 15:00 **DEFINING SPATIAL HERITAGE, IDENTITY, AND CONSERVATION TARGETS: EXAMPLES FROM SYNTHETIC LANDSCAPE BIOARCHAEOLOGY OF PRE-HISPANIC ANDEAN MIGRATION**  
Scaffidi, Beth (University of California)
- 15:15 **DISCONNECT BETWEEN TEXTUAL DESCRIPTIONS AND ARCHAEOLOGICAL AND GEOGRAPHICAL EVIDENCES AT AYODHYA**  
Jhunjhunwala, Bharat (Indian Institute of Management, Bangalore) - Randhawa, Manjit (Government Hospital, Patiala) - Sood, Ankur (Advocate, Supreme Court of India)
- 15:30 **NINTH-CENTURY SAMARRA AND THE STRATIGRAPHY OF A MODERN NARRATIVE**  
Nol, Hagit (Goethe University Frankfurt)
- 15:45 **DISCUSSION SLOT**

### 1113 GOING BEYOND TRADITIONAL APPROACHES TO LITHIC RESEARCH IN PREHISTORY AND PROTOHISTORY: HYPOTHESIS, METHODS, VALIDATION, CONTRAST AND RAW DATA

**Room:** 5=CU003-BAS-Archeologia

**Time:** 8:30 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Discussion session (with formal abstracts)

**Organisers:** Abrunhosa, Ana (Iphes - Cerca - Institut Català de Paleoecologia Humana i Evolució Social; ICArEHB - Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour) - Vilmercati, Melissa (Sapienza, University of Rome - Department of Antiquities) - Prieto, Alejandro (University of the Basque Country UPV/EHU - Department of Geography, Prehistory and Archaeology) - Yeşilova, Görkem Cenk ((IPHES-CERCA - Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili, Dept. d'Història i Història de L'Art) - Sánchez de la Torre, Marta (Seminari d'Estudis I Recerques Prehistòriques - SERP; Institut d'Arqueologia de la Universitat de Barcelona)

#### ABSTRACTS

8:30 OLD AND NEW METHODOLOGICAL APPROACHES APPLIED IN BRONZE AGE LITHICS STUDIES: THE CASE OF COPPA NEVIGATA (SOUTHEASTERN ITALY)

Vilmercati, Melissa (Sapienza, University of Rome - Department of Antiquities)

8:45 THE QUARTZITE AND QUARTZ LITHOTHEQUE FROM THE CENIEH: SEARCHING FOR RELIABLE, COMPARABLE AND ACCESSIBLE RAW MATERIAL DESCRIPTIONS

Prieto, Alejandro (Department of Geography, Archaeology and Prehistory. University of the Basque Country) - Cristóbal, Paula (Department of History, Geography and Communication. University of Burgos) - Llamazares González, Javier (Experimental Archaeology and Taphonomy Laboratory, CENIEH) - Cuartero, Felipe (ERC-MULTIPALEOIBERIA-StG, Department of History and Philosophy, University of Alcalá)

9:00 LOW AND HIGH MAGNIFICATION APPROACHES TO THE BIPOLAR TECHNIQUE: CONTROLLED EXPERIMENTAL GROUPS AND THE SITE OF LA CANSALADETA

Yeşilova, Görkem (Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili, Dept. d'Història i Història de L'Art)

- Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili, Dept. d'Història i Història de L'Art)

9:15 EXPLORING KNAPPING TECHNIQUES THROUGH 3D MICROSCOPY: PRELIMINARY RESULTS AND METHODOLOGICAL INSIGHTS

García-Natale, Martín Julio (Universidad Autónoma de Madrid, Departamento de Arqueología y Prehistoria) - Torres Navas, Concepción (Instituto de Historia, CSIC- Spanish National Research Council) - Baena-Preysler, Javier (Universidad Autónoma de Madrid, Departamento de Arqueología y Prehistoria)

9:30 BEYOND TYPOLOGY - TOWARD A COMPUTER-AIDED DIACHRONIC ANALYSIS OF VARIABILITY IN LITHIC PROJECTILE MORPHOLOGY

John, Robin (Department of Prehistoric Archaeology, University of Cologne; Stiftung Neanderthal Museum) - Hussain, Shumon T. (Centre for Multidisciplinary Environmental Studies in the Humanities, University of Cologne; Department of Prehistoric Archaeology, University of Cologne) - Maier, Andreas (Department of Prehistoric Archaeology, University of Cologne)

9:45 "CHOCOLATE FLINT" - TWO SOURCE AREAS AND HOW TO DISTINGUISH THEM THROUGH ADVANCED PETRO-GEOCHEMICAL METHODS

Mandera, Sara (Institute of Archaeology, Nicolaus Copernicus University) - Brandl, Michael (Austrian Archaeological Institute, Austrian Academy of Sciences) - Sudoł-Procyk, Magdalena (Institute of Archaeology, Nicolaus Copernicus University) - Hauzenberger, Christoph A. (Institute of Earth Sciences - Nawi Graz Geocentre Petrology & Geochemistry, Karl-Franzens-University Graz) - Werra, Dagmara H. (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Kernereder-Gubała, Katarzyna (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Boroń, Tomasz (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Krajcarz, Maciej T. (Institute of Geological Sciences, Polish Academy of Sciences)

10:00 DISCUSSION SLOT

10:15 DISCUSSION SLOT

11:00 A STANDARDISE APPROACH TO STUDY SURVEY LITHICS: THE NEW ASSEMBLAGES FROM THE LEBANESE-ITALIAN ARCHAEOLOGICAL PROJECT IN THE REGION OF TYRE

Bucci Casari, Francesco (Department of Ancient World Studies, University of Rome "La Sapienza") - Fusco, Marianna (Department of Ancient World Studies, University of Rome "La Sapienza"; Department of History and History of Art, University Rovira i Virgili) - de Paolis, Paolo (Department of Ancient World Studies, University of Rome "La

Sapienza”) - Spinapolice, Enza (Department of Ancient World Studies, University of Rome “La Sapienza”) - d’Andrea, Marta (Department of Ancient World Studies, University of Rome “La Sapienza”) - Haider, May (Lebanese-University) - Badawi, Ali (Directorate-General of Antiquities)

**11:15 REVISITING THE MIDDLE PALAEOLITHIC SITE OF RAS EL-KELB, LEBANON: A COMPREHENSIVE ANALYSIS OF LITHICS AND RAW MATERIAL**

Soubra, Marya - Hilbert, Yamandu El Zaatari, Sireen (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Institute of Archaeological Sciences, University of Tübingen)

**11:30 „LITHIC RAW MATERIAL SUPPLY AT THE MIDDLE PALEOLITHIC SITE OF LOS ALJEZARES: GEOLOGICAL AND GEOMORPHOLOGICAL CONSTRAINTS**

Chazarra, Nahum (Universidad de Valencia) - González, Jaime (University of Alicante) - Canseco, Davinia (University of Alicante) - Alfaro, Álvaro (University of Valencia) - Villaverde, Valentín (University of Valencia) - Eixea, Aleix (University of Valencia)

**11:45 TECHNO-FUNCTIONAL ANALYSIS OF THE MOUSTERIAN LITHIC ASSEMBLAGE FROM GABASA CAVE)**

Shveygert, Ekaterina (Universidad de Zaragoza; Instituto Universitario de Investigación En Ciencias Ambientales de Aragón de la Universidad de Zaragoza; Grupo de Investigación Primeros Pobladores y Patrimonio Arqueológico del Valle del Ebro - P3A) - López-Tascón, Cristina (Universidad de Zaragoza; Universidad de Oviedo; Instituto Universitario de Investigación En Ciencias Ambientales de Aragón de la Universidad de Zaragoza; Grupo de Investigación Acreditado Lands, Universidad de Oviedo)

**12:00 QUARTZ AND QUARTZITE IN A FLINT-BASED ASSEMBLAGE: THE CASE OF ABRI DU MARAS**

Abrunhosa, Ana (IPHES-CERCA - Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art; ICArEHB - Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, Fchs - Universidade do Algarve) - Chacón, María Gema (IPHES-CERCA - Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art; UMR7194 - HNHP, MNHN - CNRS - UPVD - Sorbonne Universités) - Moncel, Marie-Hélène (UMR7194 - HNHP, MNHN - CNRS - UPVD - Sorbonne Universités)

12:15

**LITHOLOGICAL CHARACTERISATION OF RAW MATERIALS FROM SUB-UNIT IIIB OF TEIXONERES CAVE: A MULTIDISCIPLINARY APPROACH**

Muñoz del Pozo, Alicia (Universidad de Zaragoza; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art) - Gómez de Soler, Bruno (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art) - Chacón, María Gema (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art; UMR7194 - HNHP, MNHN - CNRS - UPVD - Sorbonne Universités, Musée de L’Homme) - Picin, Andrea (Università di Bologna, Dipartimento di Chimica “G. Ciamician”) - Bustos-Pérez, Guillermo (Universidad Autónoma de Madrid. Departamento de Prehistoria y Arqueología; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art) - Blasco, Ruth (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art) - Rivals, Florent (ICREA; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art) - Rufà, Anna (ICArEHB - Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, Universidade do Algarve; Univ. Bordeaux, CNRS, MCC, PACEA, UMR 5199, F-33600) - Rosell, Jordi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d’Història i Història de L’Art)

12:30

**NEW DIRECTIONS IN CHERT PROVENANCE: TOWARDS NEW BASIS FOR DETECTING MOBILITY AND TERRITORIAL BEHAVIOUR IN CENTRAL ITALY DURING PREHISTORY**

Carletti, Elena (Sapienza University of Rome) - Eramo, Giacomo (University of Bari) - Cardarelli, Lorenzo (Sapienza University of Rome; CNR, Istituto di Scienze del Patrimonio Culturale, Area della Ricerca Roma 1) - Forti, Luca (University of Milan) - Allegretta, Ignazio (University of Salento) - Monno, Alessandro (University of Bari) - Conati Barbaro, Cecilia (Sapienza University of Rome)

12:45

**DISCUSSION SLOT**

- 14:00 **ESTABLISHING EXPERIMENTAL BASELINES TO INTERPRET LOW-COST TECHNOLOGICAL BEHAVIOR DURING THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN SOUTHERN IBERIA**  
 Ferar, Nolan (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Reeves, Jonathan (Technological Primates Research Group, Max Planck Institute for Evolutionary Anthropology; Centre for the Advanced Study of Human Paleobiology, Department of Anthropology, the George Washington University) - Moore, Mark (Archaeology and Palaeoanthropology, University of New England) - Cascalheira, João (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve)
- 14:15 **EXPLORING THE FACIES CONVERGENCE IN EVAPORITIC CHERTS FOR COMPREHENSIVE CHARACTERIZATION**  
 Gómez de Soler, Bruno (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV) - Burton, Evie (Irish Centre for Research in Applied Geosciences ICRAG; School of Earth Sciences, University College Dublin) - Rodríguez-Salgado, Pablo (Irish Centre for Research in Applied Geosciences ICRAG; School of Earth Sciences, University College Dublin) - Bria, Judit (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV) - Menuge, Julian (Irish Centre for Research in Applied Geosciences ICRAG; School of Earth Sciences, University College Dublin)
- 14:30 **TRANSFORMATION OF MICROLITHS DURING THE EARLY NEOLITHIC IN THE NEAR EAST: THE CASE STUDY ON GRE FILLA IN UPPER MESOPOTAMIA**  
 Agirsoy, Zeynep Beyza (Ankara University, Department of Prehistory)
- 14:45 **„MINING STONE TOOLS FROM GARGANO FLINT MINES (SOUTH-EASTERN ITALY): TECHNO-TYOLOGICAL STUDY AND RAW MATERIAL CHARACTERIZATION**  
 Terziani, Andrea (University of Pisa - Department of Philology, Literature and Linguistics) - Volante, Nicoletta (University of Siena - Department of History and Cultural Heritage) - Cantisani, Emma (National Research Council of Italy - CNR) - Institute of Heritage Science - ISPC) - Iannaccone, Roberta (National Research Council of Italy - CNR; Institute of Heritage Science - ISPC) - Magrini, Donata (National Research Council of Italy - CNR; Institute of Heritage Science - ISPC) - Galiberti, Attilio (University of Siena - Department of History and Cultural Heritage)

- 15:00 **COMPARABILITY OF LITHIC TECHNOLOGIES RESULTS: INSIGHTS FROM FOUR EARLY UPPER PALAEOLITHIC ASSEMBLAGES**  
 Gennai, Jacopo (University of Pisa, Department of Civilisations and Forms of Knowledge) - Falcucci, Armando (University of Tübingen, Department of Geosciences, Early Prehistory and Quaternary Ecology Working Group, Schloss HohenTübingen) - Niochet, Vincent (Leiden University, Faculty of Archaeology) - Peresani, Marco (University of Ferrara, Dipartimento di Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, Corso Ercole I d'Este) - Richter, Jürgen (University of Cologne, Faculty of Humanities, Institute of Prehistoric Archaeology) - Soressi, Marie (Leiden University, Faculty of Archaeology)
- 15:15 **NEW PERSPECTIVES TO THE STUDY OF CHERT CATCHMENT AREAS FROM PYRENEAN LGM HUMAN OCCUPATIONS: THE CASE OF MONTLLIÓ**  
 Sanchez de la Torre, Marta - Rafart, Eulàlia - Mangado, Xavier - González Olivares, Cynthia (Seminari d'Estudis I Recerques Prehistòriques - SERP, Universitat de Barcelona; Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Gratuze, Bernard (Institut de Recherche Sur Les Archéomatériaux - Centre Ernest Babélon - IRAMAT-CEB; CNRS - Univ. d'Orléans) - Rubio Campillo, Xavier (Grup de Recerca Didàctica I Patrimoni, Universitat de Barcelona; Institut d'Arqueologia de la Universitat de Barcelona - IAUB)
- 15:30 **CHERT SOURCING USING LIBS: APPLICATIONS TO THE CASE OF COVA DEL PARCO (ALÒS DE BALAGUER, LA NOGUERA, SPAIN)**  
 Le Guirriec - Cornu, Julien (Universitat de Barcelona) - Sánchez de la Torre, Marta (Universitat de Barcelona) - Bousquet, Bruno (Institut de Chimie de la Matière Condensée de Bordeaux - UMR 5026, Univ. Bordeaux - CNRS - Bordeaux Inp) - Lefrais, Yannick (Archéosciences Bordeaux- UMR 6034, Univ. Bordeaux Montaigne - CNRS - Univ. Bordeaux - EPHE-PSL) - Mangado, Xavier (Universitat de Barcelona) - Belén González, Cynthia (Universitat de Barcelona) - Le Bourdonnec, François Xavier (Archéosciences Bordeaux- UMR 6034, Univ. Bordeaux Montaigne - CNRS - Univ. Bordeaux - EPHE-PSL)
- 15:45 **DISCUSSION SLOT**
- 16:30 **FROM LITHIC TO LANDSCAPE: MULTIDISCIPLINARY APPROACH TO LITHIC ANALYSIS OF FIELD SURVEY EVIDENCE IN MAREMMA REGIONAL PARK (CENTRAL ITALY)**  
 Mustone, Gaia (Siena University) - Pizzolo, Giovanna (Siena University) - Tykot, Robert (University of South Florida)

16:45 LITHIC TECHNICAL SYSTEMS OF EARLY LATE GLACIAL HUNTER-GATHERERS IN THE SOUTHERN ALPS: INSIGHTS FROM RIPARO TAGLIENTE  
Fontana, Federica - Fasser, Nicolò (Università di Ferrara) - Bertola, Stefano (Università di Ferrara; Università di Firenze) - Visentin, Davide - Cecchetti, Marzio - Zen, Chiara (Università di Ferrara)

17:00 REANALYSIS OF KRAKÓW-SOWINIEC I & II - UPPER TO MIDDLE PALAEOLITHIC TRANSITION SITES  
Stremski, Igor (Institute of Archaeology Jagiellonian University)

17:15 DISCUSSION SLOT

### 1119 CRAFTS IN THE ROMAN WORLD: PRODUCTION, DISTRIBUTION, AND PEDAGOGY

**Room:** 29=CU002-FL1-Aula IX

**Time:** 14:00 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Stemberger Flegar, Kaja (PJP d.o.o) - Lundock, Jason (Full Sail University)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 UNRAVELING TESSERAEE ARRANGEMENT TECHNIQUES IN LARGE-AREA PLAIN MOSAICS OF HERCULANEUM  
Lim, Yongbing - Hori, Yoshiki (Faculty of Human-Environment Studies, Kyushu University)

14:30 COARSE WARE TRANSFORMATIONS  
Wenn, Camilla Cecilie (Museum of Cultural History, University of Oslo)

14:45 DISCUSSION SLOT

15:00 LEATHER INDUSTRY IN ROMAN PANNONIA: WHAT CAN WE TELL WITH LIMITED EVIDENCE.  
Lenár, Vilmos (Eötvös Loránd University)

15:15 COPPER ALLOY SPINDLE AND SPINDLE-WHORL FROM SERMIN  
Jančar, Mojca (Independent Researcher) - Kovacic, Ana (Independent Researcher)

15:30 RECYCLING AND REUSING POTTERY AND GLASS IN THE CONTEXT OF CRAFTS: CASE STUDY COLONIA ULPIATRAIANA POETOVIO  
Stemberger Flegar, Kaja (PJP d.o.o)

15:45 DISCUSSION SLOT

### 1124 CHANGING LAND USE STRATEGIES AT HIGH MOUNTAIN AREAS IN EUROPE SINCE THE NEOLITHIC

**Room:** 18=CU003-FL3-Morghen

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Gassiot Ballbè, Ermengol (Departament of Prehistory. Universitat Autònoma de Barcelona) - Antolin, Ferran (German Archaeological Institute; Prähistorische und Naturwissenschaftliche Archäologie, Universität Basel) - Clemente Conte, Ignacio (Departament D'Arqueologia I Antropologia, IMF-CSIC)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 GEOARCHAEOLOGICAL TEST PITS: A MULTIPROXY METHODOLOGY BASED ON A PALEOSOILS STUDY APPLIED TO THE RECONSTRUCTION OF CULTURAL LANDSCAPES IN MOUNTAINS  
Rodríguez Antón, David (Autonomous University of Barcelona) - Revelles, Jordi (Catalan Institute of Human Paleoecology and Social Evolution) - Andreaki, Vasiliki (Autonomous University of Barcelona) - García Álvarez, Salvia (Polytechnic University of Madrid) - Cunill, Raquel (Autonomous University of Barcelona) - Obea, Laura (Autonomous University of Barcelona) - Bonet, Anna (Autonomous University of Barcelona) - Gassiot Ballbè, Ermengol (Autonomous University of Barcelona)

9:00 FROM HIGH SOILS TO HIGH GROUND - POTENTIALS OF SOIL GEOCHEMISTRY IN RECONSTRUCTING PAST HUMAN-ENVIRONMENTAL RELATIONSHIP IN HIGH MOUNTAINOUS AREAS  
Laaha, Valentina (Department of Prehistoric and Historical Archaeology - University of Vienna) - Kowarik, Kerstin (Austrian Archaeological Institute - Austrian Academy of Sciences) - Brandner, Daniel (Natural History Museum Vienna) - Scholz, Roman (Romano-Germanic Commission of the German Archaeological Institute) - Reschreiter, Hans

- (Independent Researcher) - Hofmann, Kerstin (Romano-Germanic Commission of the German Archaeological Institute)
- 9:15 **THE NEOLITHISATION OF THE DOLOMITES (EASTERN ITALIAN ALPS): THE CASE STUDY OF VALLE DI LAMEN (FELTRE, VENETO)**  
Carrer, Francesco (Newcastle University) - Cavulli, Fabio (Università degli Studi di Napoli Federico II)
- 9:30 **UNDERSTANDING LAND USE CHANGE IN THE NEOLITHIC OF THE CENTRAL PYRENEES (5600-2100 CAL BCE). SPATIAL MODELLING OF BIOCLIMATIC BELTS**  
Salvador-Baiges, Guillem (Universitat Autònoma de Barcelona) - Gassiot-Ballbè, Ermengol (Universitat Autònoma de Barcelona)
- 9:45 **PLANT FOOD ECONOMY IN MONTANE ZONES DURING PREHISTORY: NEW ARCHAEOBOTANICAL DATA FROM THE CENTRAL PYRENEES**  
Antolin, Ferran (Deutsches Archäologisches Institut; University of Basel) - Obea, Laura (Universitat Autònoma de Barcelona)
- 10:00 **A SEASONAL OR PERMANENT SETTLEMENT? STUDY OF LIVESTOCK MANAGEMENT STRATEGIES IN THE PYRENEES OF THE EARLY NEOLITHIC AND BRONZE AGE**  
Mata Ferrer, Sergi (Department of Prehistory, Autonomous University of Barcelona) - Sierra, Alejandro (Department of Prehistory, Autonomous University of Barcelona) - Rey Lanaspá, Javier (Departamento de Presidencia, Interior y Cultura, Gobierno de Aragón) - McGrath, Krista (Institut de Ciència i Tecnologia Ambientals (ICTA - UAB, Autonomous University of Barcelona) - Saña Seguí, Maria (Department of Prehistory, Autonomous University of Barcelona)
- 10:15 DISCUSSION SLOT
- 11:00 **LANDSCAPES OF POWER: CAPRINES IN THE PASTORAL STRATEGIES OF LOCAL ELITES IN MEDIEVAL PROVENCE**  
Unsain, Dianne (Stockholm University) - Hegarty-Morrish, Patrick (Trinity College, University of Oxford)
- 11:15 **BASQUE PASTORAL SITES IN MODERN AND CONTEMPORARY TIMES: BETWEEN ARCHAEOLOGY, HISTORY AND ART HISTORY**  
Le Couedic, Melanie (Universite de Pau et des Pays de l'Adour Item Ur 3002) - Rozier, Hadrien (Centre d'Études Supérieures de la Renaissance UMR 7323) - Champagne, Alain (Universite de Pau et des Pays de l'Adour Item Ur 3002) - Heiniger-Casteret, Patricia (Universite de Pau et des Pays de l'Adour Item Ur 3002)

- 11:30 **FROM GRAND NARRATIVES AND DOWN TO EARTH - AND BACK AGAIN? HISTORICAL AND ARCHAEOLOGICAL APPROACHES TO TRANSHUMANCE IN WESTERN NORWAY**  
Dahle, Kristoffer (Møre & Romsdal County Council; Ntnu University Museum)
- 11:45 **PREHISTORIC LAND USE IN SOUTHERN CENTRAL PYRENEES HIGH MOUNTAIN AREAS: CHANGING OUR PERSPECTIVE?**  
Gassiot Ballbè, Ermengol (Department of Prehistory, Universitat Autònoma de Barcelona) - Barba Pérez, Marcos (Department of Prehistory, Universitat Autònoma de Barcelona) - Clemente Conte, Ignacio (Institución Milà y Fontanals. Consejo Superior de Investigaciones Científicas) - Díaz Bonilla, Sara (Department of Prehistory, Universitat Autònoma de Barcelona) - Garcia Casas, David (Instituto de Ciencias del Patrimonio, Consejo Superior de Investigaciones Científicas) - Mata Ferrer, Sergi (Department of Prehistory, Universitat Autònoma de Barcelona) - Obea Gómez, Laura (Department of Prehistory, Universitat Autònoma de Barcelona) - Rodríguez Antón, David (Department of Prehistory, Universitat Autònoma de Barcelona) - Salvador Baiges, Guillem (Department of Prehistory, Universitat Autònoma de Barcelona) - Sierra Aja, Alejandro (Department of Prehistory, Universitat Autònoma de Barcelona)
- 12:00 DISCUSSION SLOT

### 1127 **PLACES OF THE LIVING AND PLACES OF THE DEAD: THE RELATIONSHIP BETWEEN SETTLEMENTS AND BURIAL SITES IN CENTRAL ASIA**

- Room:** 64=CU022-FLG-Aula C  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Stanco, Ladislav (Charles University, Prague) - Lhuillier, Johanna (CNRS, Lyon)

### ABSTRACTS

- 8:30 **RECONSTRUCTION OF THE EVOLUTION OF GONUR DEPE'S MAIN NECROPOLIS DURING THE MIDDLE AND FINAL BRONZE AGE (2250 - 1500 BC)**  
Hut, Camille (Université Paris 1 Panthéon-Sorbonne)
- 8:45 DISCUSSION SLOT



- 9:00 ALWAYS WATCHING OVER US. BURIALS IN THE TAZABAG'YAB CULTURE AND THEIR INTERACTION WITH THE LANDSCAPE  
Schreiber, Finn (Independent, Berlin)
- 9:15 THE DEAD AMONG THE LIVING: HUMAN REMAINS IN IRON AGE SETTLEMENTS IN CENTRAL ASIA  
Lhuillier, Johanna (CNRS)
- 9:30 DISCUSSION SLOT
- 9:45 BURIALS IN THE FOOTHILLS: NEW BARROW SITES NORTH OF THE AHANGARAN VALLEY AND A PLAN FOR THEIR STUDY  
Leloch, Michal (University of Warsaw)
- 10:00 RIVERS FOR THE LIVING AND HILLS FOR THE DEAD? RE-EVALUATING THE KURGAN MOUNDS OCCURRENCE IN THE EASTERN KUGITANG PIEDMONTS, UZBEKISTAN  
Havlík, Jakub (Institute of Classical Archaeology, Charles University)
- 10:15 DISCUSSION SLOT
- 11:00 FUNERARY PRACTICES IN THE SAMARKAND OASIS: CHALLENGES AND NEW METHODS IN THE STUDY OF KURGANS FROM THE SAMARKAND OASIS, UZBEKISTAN  
Facciani, Sara (Sapienza Università di Roma, Dipartimento di Scienze Dell'Antichità; Università di Bologna, Dipartimento di Beni Culturali) - Orrù, Valentina (Università di Bologna, Dipartimento di Storia Culture e Civiltà) - Serrone, Eleonora (Università di Bologna, Dipartimento di Storia Culture e Civiltà) - Suyunov, Samaretdin (Agency for Cultural Heritage, Samarkand Institute of Archaeology) - Bortolini, Eugenio (Università di Bologna, Dipartimento di Beni Culturali) - Benazzi, Stefano (Università di Bologna, Dipartimento di Beni Culturali) - Mantellini, Simone (Università di Bologna, Dipartimento di Storia Culture e Civiltà)
- 11:15 SIX FEET UNDER IN THE STEPPE: SPATIAL RELATION OF THE SETTLEMENTS AND BURIAL GROUNDS IN PROTOHISTORIC SOUTH CENTRAL ASIA  
Stanco, Ladislav (Filozofická Fakulta, Univerzita Karlova)
- 11:30 FROM SETTLEMENT TO BURIAL GROUND: TRANSFORMATION OF A MEDIEVAL SITE IN NORTHERN TOKHARISTAN  
Damašek, Ladislav (Charles University)
- 11:45 DISCUSSION SLOT
- 12:00 DISCUSSION SLOT

## 1128 ROUNDTABLE OF THE COMMUNITY FOR TEACHING AND TRAINING OF ARCHAEOLOGISTS

- Room:** 62=CU022-EXT-Aula E  
**Time:** 16:30 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Round table  
**Organisers:** Geary, Kate (Chartered Institute for Archaeologists) - Karl, Raimund (Universität Wien) - Scheyhing, Nicola (Independent Researcher; Kulturbetriebe Burgenlandkreis Gmbh/Arche Nebra) - Preda, Bianca (Department of Cultures, University of Helsinki) - de Raad, Jesper (Independent Archaeologist)

## 1129 INCLUSIVE ARCHAEOLOGY: PRACTICAL APPROACHES TO HERITAGE PARTICIPATION

- Room:** 78=CU002-FL2-Aula 201  
**Time:** 8:30 - 16:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Spangen, Marte (Museum of Cultural History, University of Oslo) - Ratier, Pascal (Frensh National Institute for Preventive Archaeological Research) - Falcone, Annalisa (Central Institute for Archaeology - Ministry of Culture, Italy)

## ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 EUROPEAN ARCHAEOLOGY DAYS: SHARING ARCHAEOLOGICAL HERITAGE  
Ratier, Pascal (Inrap - National Institute for Preventive Archaeological Research)
- 9:00 ARCHAEOLOGY DAYS NETHERLANDS, ENGAGING AND CONNECTING A YOUNGER AUDIENCE BY BUILDING UP & INSPIRING A NETWORK OF 250 PARTNERS  
Berkelbach, Janneke (Nationale Archeologiedagen)
- 9:15 „EXPERIENCES OF POPULARISATION OF ARCHAEOLOGY  
In the Framework of the Eads: The Contribution of the Central Institute for Archaeology (Ica)“  
Falcone, Annalisa (Istituto Centrale Per l'Archeologia)

- 9:30 **NATIONAL ARCHAEOLOGICAL INSTITUTE WITH MUSEUM AT THE BULGARIAN ACADEMY OF SCIENCES. SOCIALIZATION OF ARCHAEOLOGICAL HERITAGE: CURRENT METHODS AND PERSPECTIVES**  
Pramatarov, Kaloyan (National Archaeological Institute With Museum at Bulgarian Academy of Sciences)
- 9:45 **NEW TECHNOLOGIES TO ENHANCE HERITAGE PARTICIPATION. EXPLORING AND COMMUNICATING ARTISANAL PRACTICES AT THE ARCHAEOLOGICAL PARK OF URBISAGLIA**  
Xavier de Silva, Ludovica (University of Macerata) - Cingolani, Sofia (Direzione Regionale Musei Marche)
- 10:00 **THE UNEXPLOITED POTENTIAL OF GRAPHIC NARRATIVES IN ARCHAEOLOGY**  
Gerberg Høstrup, Sebastian (Aarhus University) - Foresi, Federica (Museum Vestsjælland)
- 10:15 **DISCUSSION SLOT**
- 11:00 **HISTORYTELLING: ENGAGING PEOPLE AND TELLING THE HISTORY OF YESTERDAY USING TODAY'S MEDIA**  
d'Eredità, Astrid (Italian Ministry of Culture)
- 11:15 **ARCHAEOLOGICAL EXHIBITIONS IN THE MUSEUMS OF MONTENEGRO TODAY: THE STRENGTH OF TRADITION AND THE ABSENCE OF INNOVATION**  
Medin, Dušan (Faculty of Culture and Tourism University of Donja Gorica)
- 11:30 **ENHANCING INCLUSION IN THE HUNGARIAN NATIONAL MUSEUM**  
Pásztor, Eszter (Hungarian National Museum National Institute of Archaeology) - Bedó, Valér (Hungarian National Museum National Institute of Archaeology)
- 11:45 **DISCUSSION SLOT**
- 12:00 **ARCHAEOLOGY AND HERITAGE IN SCHOOL - NEW APPROACHES FOR AN INCLUSIVE ARCHAEOLOGY**  
Synnestvedt, Anita (University of Gothenburg/Department of Historical Studies)
- 12:15 **BUILDING AN COMMUNITY AT THE ARCHAEOLOGICAL INSTITUTE OF AMERICA THAT WELCOMES NON-PROFESSIONALS**  
Langlitz, Meredith (Archaeological Institute of America)
- 12:30 **THE ART OF WELL-BEING, WITH ART, ARCHAEOLOGY AND LANDSCAPE.**  
Boldrighini, Francesca (Parco Archeologico del Colosseo) - Costa, Silvio (Mic- Parco Archeologico del Colosseo) - d'Offizi, Silvia (Parco Archeologico del Colosseo) - Ferrari, Elena (Mic- Parco Archeolog-

ico del Colosseo) - Schiappelli, Andrea (Mic- Parco Archeologico del Colosseo) - Lamonaca, Federica (Freelancer Archaeologist) - Ioppi, Francesca (Mic- Parco Archeologico del Colosseo)

- 12:45 **DISCUSSION SLOT**
- 14:00 **EMPOWERING COMMUNITIES THROUGH ARCHAEOLOGY: THE TERRA LEVIS APPROACH IN ÁVILA, SPAIN**  
López García, Juan Pablo (Masav; Terra Levis. Arqueología En Comunidad)
- 14:15 **CITIZEN SCIENCE AT THE NATIONAL TRUST UK- INCLUSIVE ARCHAEOLOGY FOR EVER FOR EVERYONE?**  
Caroli, Viviana - Young, Janine (The National Trust)
- 14:30 **THE COMMUNITY ARCHAEOLOGY PROGRAMME NORTHERN IRELAND (CAPNI)**  
Donnelly, Colm - Murphy, Eileen (Queen's University Belfast)
- 14:45 **DISCUSSION SLOT**
- 15:00 **AN EXPERIENCE OF COLLABORATIVE ACTION BETWEEN RESEARCHERS, EDUCATIONAL CENTRES AND SOCIAL ACTORS: CONCIENCIA HISTÓRICA PROJECT**  
Fernández Mier, Margarita - Sánchez-Broch, Paloma (University of Oviedo)
- 15:15 **A ROAD TO CONNECTION: CREATING A CROSS-BORDER NARRATIVE THROUGH COMMUNITY ARCHAEOLOGY IN THE WESTERN PYRENEES**  
Edeso Egia, Mikel (Aranzadi Science Society) - Mendizabal-Sandonís, Oihane (University of the Basque Country- UPV/EHU; Aranzadi Science Society) - Aiestaran, Mattin (University of the Basque Country- UPV/EHU; Aranzadi Science Society) - Narbarte, Josu (University of the Basque Country- UPV/EHU; Aranzadi Science Society) - Ruiz-González, Daniel (Aranzadi Science Society) - Conde-Egia, Eider (Aranzadi Science Society) - Agirre-Mauleon, Juantxo (Aranzadi Science Society)
- 15:30 **PARTICIPANT OBSERVATION AS A MODEL FOR COLLABORATIVE ARCHAEOLOGY: INSIGHTS FROM INISHBOFIN ISLAND, IRELAND**  
Lash, Ryan (University of Notre Dame) - Burke, Tommy (Inishbofin Island Archaeological Walking Tours)
- 15:45 **DISCUSSION SLOT**

- 1132** **?FROM CHAOS TO COHERENCE? THE SCIENTIFIC VALUE AND PERSPECTIVE ON COMMINGLED AND FRAGMENTARY HUMAN REMAINS**
- Room:** 57=CU033-FL4-Aula 6  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** László-Mateovics, Orsolya (Ardig-Archaeological Service Gesmbh) - Seppänen, Liisa (University of Turku; University of Helsinki) - Dec, Olga (Adam Mickiewicz University)

**ABSTRACTS**

- 8:30 **HEANING WOOD: THE IMPORTANCE OF INTERDISCIPLINARY APPROACHES IN UNDERSTANDING FRAGMENTED, MULTI-PHASE CAVE BURIALS IN NORTH WEST ENGLAND**  
 Warburton, Keziah - Peterson, Richard (University of Central Lancashire)
- 8:45 **RECORDING COMMINGLED ARCHAEOLOGICAL HUMAN SKELETAL REMAINS USING LIDAR: A CASE STUDY FROM LATE BRONZE AGE HALA SULTAN TEKKE, CYPRUS**  
 Casa, Bianca - Vassallo, Valentina - Orabi, Rahaf - Hermon, Sorin (The Cyprus Institute) - Fischer, Peter (University of Gothenburg)
- 9:00 **OSTEOLOGICAL CHAOS - AN INTEGRATIVE METHODOLOGICAL APPROACH TO THE STUDY OF HUMAN REMAINS FROM THE MAS ROUGE COLLECTIVE BURIAL (FRANCE)**  
 Monier, Emma (Lampea UMR 7269, CNRS, Aix-Marseille Université, Ministère de la Culture) - Donat, Richard (Inrap Midi-Pyrénées, Cagt UMR 5288, CNRS)
- 9:15 **DISCUSSION SLOT**
- 9:30 **UNRAVELLING THE MYSTERY. THE CASE OF THE PARTIALLY COMMINGLED 3RD MASS GRAVE FROM THE MOHÁCS MEMORIAL PARK (HUNGARY)**  
 De Andrés Montero, Marcos - Kocsmár, Réka - Vig, Viktor - Molnár, Erika (Department of Biological Anthropology, University of Szeged) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research) - Bereczki, Zsolt - Pálfi, György (Department of Biological Anthropology, University of Szeged)

- 9:45 **HIGHLY COMMINGLED BONE SERIES FROM ALCALAR (PORTUGAL): PAST FUNERARY GESTURES DURING THE 3RD TO THE 2ND MILLENNIUM B.C. CAL. TRANSITION.**  
 Neves, Maria João - Ferreira, Maria - Silva, Ana (University of Coimbra; CIAS - Research Centre for Anthropology and Health - Life Sciences Department of the University of Coimbra; Centre of Funcional Ecology - Life Sciences Department of the University of Coimbra)
- 10:00 **ANIMAL ASSOCIATIONS IN HUMAN BURIALS: INSIGHTS FROM TELL MOZAN (MIDDLE BRONZE AGE, NORTHERN SYRIA)**  
 Kharobi, Arwa (Masaryk University) - Buccellati, Federico (Freie Universität Berlin) - Kelly-Buccellati, Marilyn (California State University) - Buccellati, Giorgio (UCLA)
- 10:15 **DISCUSSION SLOT**
- 11:00 **UNRAVELLING THE FUNERARY RITUAL OF THE PREHISTORIC HYPOGEUM OF CALAFORNO (GIARRATANA, SICILY) THROUGH THE STUDY OF ITS COMMINGLED HUMAN REMAINS**  
 Varotto, Elena (Flinders University; Fapab Research Centre) - Bello, Silvia (Natural History Museum, London) - Militello, Pietro (Disum, University of Catania) - Galassi, Francesco Maria (University of Lodz)
- 11:15 **BOTH PARTIAL AND COMPLETE: EXCAVATIONS AND INTERPRETATIONS OF TAPHONOMICALLY COMMINGLED MUMMIFIED REMAINS FROM DIABLO WASI, PERU**  
 Toyne, J. Marla (University of Central Florida) - Anzellini, Armando (Lehigh University)
- 11:30 **"MOVING BONES": SPATIAL ANALYSIS OF COMMINGLED HUMAN REMAINS AT THEBAN NECROPOLIS, EGYPT AT THE AREA OF TT184**  
 Mateovics-László, Orsolya (Ardig Archäologischer Gesmbh) - Fábíán, Zoltán (Károli Gáspár University of the Reformed Church in Hungary, Department of Ancient History and Auxiliary Historical Sciences)
- 11:45 **NOT ALL IS LOST. RETRIEVAL AND ANALYSIS OF A ROBBED COLLECTIVE BURIAL FROM THE AMPLERO VALLEY (ABRUZZI REGION, ITALY)**  
 Sperduti, Alessandra (Museo Delle Civiltà; Università degli Studi L'Orientale di Napoli) - Ceccaroni, Emanuela (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di L'Aquila e Teramo) - Alhaique, Francesca (Museo Delle Civiltà) - del Fattore, Francesca Romana (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di L'Aquila e Teramo) - d'Avino, Adele (Università degli Studi L'Orientale di Napoli) - Candilio, Francesca (Museo Delle Civiltà) - Ceconi, Viola (Museo Delle Civiltà)

- 12:00 **INSIGHTS INTO PREHISTORIC MULTIPLE BURIALS – A COMPREHENSIVE STUDY**  
Gémes, Anett (Department of Biological Anthropology, Eötvös Loránd University) - Dani, János (Department of Archaeology, University of Szeged, Hungary) - Mester, Edit (Kiss Pál Museum) - Kiss, Viktória (Hun-Ren Institute of Archaeology Research Centre for the Humanities) - Major, István (Hun-Ren Institute for Nuclear Research) - Szeverényi, Vajk (Déri Museum, Debrecen, Hungary) - Cavazzuti, Claudio (Department of History and Cultures, University of Bologna) - Kiss, Krisztián (Institute of Practical Methodology and Diagnostics, Faculty of Health Sciences, University of Miskolc; Department of Biological Anthropology, Eötvös Loránd University; Hun-Ren Research Centre for the Humanities, Institute of Archaeogenomics; Department of Anthropology, Hungarian Natural History Museum) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University)
- 12:15 **FROM FLESH TO MESS: DISENTANGLING COMMINGLED AND FRAGMENTED HUMAN REMAINS AT THE NEOLITHIC/CHALCOLITHIC BURIAL OF CUEVA DEL CABALLO, SOUTHWESTERN IBERIA**  
García-Domínguez, Celia (Universidad de Valladolid; Fundación Extremeña de la Cultura) - Fernández-Crespo, Teresa (Universidad de Valladolid; University of Oxford) - Collado Giraldo, Hipólito (Dg de Bibliotecas, Archivos y Patrimonio Cultural. Junta de Extremadura)
- 12:30 **THE MEGALITHIC SIEVE: SEX ESTIMATION IN FRAGMENTARY HUMAN REMAINS OF MEGALITHIC TOMBS FROM THE SPANISH NORTHERN PLATEAU THROUGH PROTEOMIC ANALYSIS**  
Santa Cruz, Angelica (Universidad de Salamanca. Dept. de Prehistoria, Historia Antigua y Arqueología; Universidad de Valladolid. Dept. de Prehistoria, Arqueología, Antropología Social y Cc. Tt. Historiográficas) - Fernández-Crespo, Teresa (Universidad de Valladolid. Dept. de Prehistoria, Arqueología, Antropología Social y Cc. Tt. Historiográficas; University of Oxford. School of Archaeology) - Casas-Ferreira, Ana María (Universidad de Salamanca. Dept. de Química Analítica, Nutrición y Bromatología) - del Nogal-Sánchez, Miguel - Pérez Pavón, José Luis (Universidad de Salamanca. Dept. de Química Analítica, Nutrición y Bromatología) - Villalobos García, Rodrigo (Universidad de Valladolid. Dept. de Prehistoria, Arqueología, Antropología Social y Cc. Tt. Historiográficas) - Moreno Gallo, Miguel (Universidad de Burgos. Dept. de Historia, Geografía y Comunicación) - Basconillos Arce, Javier (Asociación Geocientífica de Burgos) - Delibes de Castro,

Germán (Universidad de Valladolid. Dept. de Prehistoria, Arqueología, Antropología Social y Cc. Tt. Historiográficas)

- 12:45 **DISCUSSION SLOT**
- 14:00 **THE VALUE OF SCATTERED AND FRAGMENTARY HUMAN REMAINS: CASE STUDIES FROM NEOLITHIC SETTLEMENT MOUNDS ON THE GREAT HUNGARIAN PLAIN**  
Anders, Alexandra (Eötvös Loránd University, Institute of Archaeological Science) - Füzesi, András (Hungarian National Museum) - Hajdu, Tamás (Eötvös Loránd University, Department of Biological Anthropology) - Köhler, Kitti (Hungarian Natural History Museum) - Raczky, Pál (Eötvös Loránd University, Institute of Archaeological Science)
- 14:15 **PERI-MORTEM TRAUMA, POST-MORTEM DAMAGE AND THE IN-BETWEEN: EXPLORING PATTERNS OF FRAGMENTATION IN IRON AGE BRITAIN**  
Castells Navarro, Laura - Armit, Ian (University of York)
- 14:30 **FRAGMENTED RITUAL: THE POTENTIAL OF DISARTICULATED HUMAN REMAINS FOR UNDERSTANDING MINORITY MORTUARY TREATMENT IN ROMAN BRITAIN**  
Green, Ellen (University of Reading)
- 14:45 **SCATTERED AND COMMINGLED HUMAN REMAINS AS A SIGN OF CARE AND BELONGING**  
Gramsch, Alexander (RGK - Romano-Germanic Commission DAI)
- 15:00 **BARCZEWKO: UNCOVERING AN ABANDONED MEDIEVAL TOWN THROUGH ARCHAEOOMETRY AND MORTUARY ARCHAEOLOGY**  
Cuello del Pozo, Paloma (Texas A&M University) - Koperkiewicz, Arek (University of Gdansk)
- 15:15 **AN ANALYSIS OF COMMINGLED HUMAN REMAINS FROM TWO BRONZE TO IRON AGE SITES IN WEST TIBET**  
Cao, Doudou (Department of Archaeology, University of Cambridge) - Pomeroy, Emma (Department of Archaeology, University of Cambridge) - Lu, Hongliang - Yuan, Haibing - Yang, Feng - Li, Shuai (School of Archaeology and Museology, Sichuan University)
- 15:30 **THE VALUE OF FRAGMENTS – ETHICAL VIEWS ON THE CURATION AND RESEARCH OF PROBLEMATIC HUMAN REMAINS**  
Seppanen, Liisa (University of Turku; University of Helsinki) - Ermala, Jenna (University of Oulu)
- 15:45 **DISCUSSION SLOT**

### 1139 THEM AND US: INTERDISCIPLINARY APPROACHES TO IDENTITY, COMMUNITY, AND OTHERNESS? IN THE MEDIEVAL WORLD

**Room:** 35=CU005-FL1-Gismondi I

**Time:** 8:30 - 13:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Diana, Annamaria (Independent Researcher/Terra Ultra Silvam Archaeology) - Marcu Istrate, Daniela (Institutul de Arheologie, V. Parvan, Bucharest) - Toso, Alice (Bonn Centre for Archaeosciences, Institut für Archäologie und Kulturanthropologie, Rheinische Friedrich-Wilhelms-Universität)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 IDENTITY FROM FUNERARY SITES BETWEEN THE CARPATHIANS AND THE DANUBE IN THE MIDDLE AGES

Magureanu, Andrei (Institute of Archaeology „Vasile Parvan“)

9:00 BIOCULTURAL ANALYSIS OF THREE MEDIEVAL TRANSYLVANIA BURIALS ASSOCIATED WITH A MILLSTONE

Reinman, Lauren (Western Carolina University) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum)

9:15 THE ROLE OF THE GRAVE DIGGER: EVIDENCE OF VARIOUS BURIAL PRACTICES IN TRANSYLVANIAN, HUNGARIAN-SZEKLER COMMUNITIES (AD 1050-1800)

Privette, Cameron (Western Carolina University) - Carvalho, Carlos (University of Bradford) - Reinman, Lauren (Western Carolina University) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum)

9:30 BUILDING GRAVES IN A PARTICULAR WAY: THE ANTHROPOMORPHIC CHOICE

Marcu Istrate, Daniela Veronica (Romanian Academy, „Vasile Pârvan“ Institute of Archaeology, Bucharest)

9:45 TEXTILE TOOLS IN EARLY MEDIEVAL SLAVIC CEMETERIES. A WORKING INSTRUMENT, AN IDENTIFIER OF DIFFERENCE, OR A CLASSIFIER OF CULTURAL IDENTITY

Godlewska, Patrycja (Szkoła Doktorska Nauk Humanistycznych Teologicznych i Artystycznych Aah; Nicolaus Copernicus University in Toruń, Euroweb)

10:00 HEADS UP FOR IDENTITY: INTEGRATING ANTHROPOLOGICAL AND FORENSIC METHODS FOR THE ANALYSIS OF ISOLATED SKULL REMAINS FROM MEDIEVAL ROMANIAN CEMETERIES

Diana, Annamaria (Independent Researcher/Terra Ultra Silvam Archaeology) - Garcia-Donas, Julieta (Centre for Anatomy and Human Identification, School of Science and Engineering, University of Dundee)

10:15 DISCUSSION SLOT

11:00 REGIONALISM, RURALITY, DYNAMICS AND FOODWAYS: EXPLORING TRANSITION AND IDENTITY THROUGH AN INTERDISCIPLINARY STUDY OF 3RD-8TH CENTURY NORTHAMPTONSHIRE

Ortega González, Alvaro Felipe (University of Leicester)

11:15 BREASTFEEDING AND WEANING PRACTICES IN THE CARPATHIAN BASIN: A CASE STUDY FROM MEDIEVAL BRAȘOV

Toso, Alice (Bonn Centre for Archaeoscience, University of Bonn) - Diana, Annamaria (Independent Researcher) - Marcu Istrate, Daniela (Romanian Academy, „Vasile Pârvan“ Institute of Archaeology, Bucharest)

11:30 MARGINALISED COMMUNITIES IN LATE MEDIEVAL LISBON: A MULTI-ISOTOPIC DIET AND MOBILITY STUDY OF THE RUA DAS LAGARES 74 NECROPOLISES

Macroberts, Rebecca (Hercules Laboratory and In2Past, Universidade de Évora) - Evangelista, Lucy (ERA Arqueologia, S. A.; Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve; Research Centre for Anthropology and Health, Department of Life Sciences, University of Coimbra) - Lourenço, Marina (Centre for Functional Ecology, Laboratory of Forensic Anthropology, Department of Life Sciences, University of Coimbra; Research Centre for Anthropology and Health, Department of Life Sciences, University of Coimbra; ERA Arqueologia, S. A.) - Barrocas Dias, Cristina (School of Technology Sciences, Department of Chemistry and Biochemistry, University of Évora) - Vasconcelos Vilar, Herminia (Escola de Ciências Sociais - CIDEHUS, University of Évora) - Schöne, Bernd (Institute of Geosciences, University of Mainz) - Maurer, Anne-France (Hercules Laboratory and In2Past, Universidade de Évora)

11:45 FOOD AND GRAVE GOODS: EXPLORING COMMUNITY AND OTHERNESS IN EARLY MEDIEVAL IBERIA

García-Collado, Maite (University of the Basque Country- UPV/EHU)

12:00 DISCUSSION SLOT

**1144 NEW TRENDS IN MEDIEVAL AND MODERN GLASS: GLASS CENTRES, PRODUCTION AND TRADE****Room:** 17=CU003-FL3-Romeo**Time:** 8:30 - 13:00**Theme:** 1. The Material Record: Current Trends and Future Directions**Format:** Session with precirculated papers**Organisers:** De Juan, Jorge (Departamento de Prehistoria, Historia Antigua y Arqueología, Universidad Complutense de Madrid; UNIARQ – Centre for Archaeology, School of Arts and Humanities, University of Lisbon) - Occari, Veronica (University College London, Institute of Archaeology) - Pacat, Inès (Université de Toulouse, Laboratoire TRACES, UMR 5608) - Almenar, Luis (Departamento de Historia de América y Medieval y Ciencias Historiográficas, Universidad Complutense de Madrid) - Capellà, Miquel Àngel (Departament de Ciències Històriques I Teoria de Les Arts, Universitat de Les Illes Balears)**ABSTRACTS**

8:30 INTRODUCTION

8:45 **TRACES OF ROMAN GLASS IN EARLY ISLAMIC PRODUCTION IN NORTH AFRICA**  
Kaviani, Kelsi - Fenwick, Corisande - Freestone, Ian - Charlton, Michael (University College London, Institute of Archaeology) - Höpken, Constanze (Universität Zu Köln, Archäologisches Institut) - Lepri, Barbara (Independent Researcher) - Chaouali, Moheddine (Institut National du Patrimoine, Tunis) - Fentress, Elizabeth (University College London, Institute of Archaeology) - Limane, Hassan (Institut National des Sciences de L'Archéologie et du Patrimoine - INSAP, Rabat, Morocco) - Von Rummel, Philipp (Deutsches Archäologisches Institut)9:00 **GLASS MANUFACTURE IN THE CAPITAL OF THE AL-ANDALUS CALIPHATE. NEW ARCHAEOLOGICAL EVIDENCES**

Velo-Gala, Almudena - Vilarigues, Mária (Nova University of Lisbon)

9:15 **THE FLUX AND FLOW OF ISLAMIC GLASS BANGLES: FINDING FROM THE PRODUCTION SITE OF KAWD AM-SAILA IN YEMEN (C.14TH-16TH CENTURY)**

Nash-Pye, Charlotte (University of Kent; British Museum) - Meek, Andrew (British Museum) - Schibille, Nadine (CNRS Orleans) - Simpson, St John (British Museum) - Richards, Liam (University College London) - Charlton, Mike (University College London)

9:30 **LEAD GLASS AT THE TOP OF EUROPEAN CHURCHES IN THE HIGH MIDDLE AGES. ORIGIN AND DISTRIBUTION OF AN UNUSUAL PRODUCTION**

Pactat, Inès (Université de Toulouse, Laboratoire TRACES - UMR 5608) - Gratuze, Bernard (CNRS/IRAMAT - UMR 7065)

9:45 **MEDIEVAL AND MODERN BLUE NOTES. COBALT BLUE GLASS FROM CENTRAL-WESTERN FRANCE : ARCHAEOLOGICAL AND ARCHAOMETRIC PERSPECTIVES (13TH-18TH CENTURIES)**

Buisson, Mathilde (Université d'Orléans - IRAMAT - UMR 7065) - Gratuze, Bernard (IRAMAT - UMR 7065)

10:00 **THE CONTRIBUTION OF EXPERIMENTAL ARCHAEOLOGY AND ARCHAOMETRY TO THE UNDERSTANDING OF EARLY MEDIEVAL GLASS RECIPES**

Van Ham-Meert, Alicia (Crea-Patrimoine, Université Libre de Bruxelles) - Kail, Nathan (4Mat, Université Libre de Bruxelles) - Blary, François (Crea-Patrimoine, Université Libre de Bruxelles) - Bussienne, Géraldine (KIK-IRPA) - Delplancke, Marie-Paule (4Mat, Université Libre de Bruxelles) - Lecocq, Isabelle (KIK-IRPA) - Wouters, Helena (KIK-IRPA) - Neuray, Brigitte (PSW&lt; AWAP -Agence Wallone du Patrimoine)

10:15 DISCUSSION SLOT

11:00 **THE GLASS CENTRES PROJECT: DISCOVERING THE IBERIAN GLASS TRADE NETWORKS OF THE LATE MEDIEVAL AND EARLY MODERN ERA**

De Juan, Jorge (Universidad Complutense de Madrid; Universidad de Lisboa)

11:15 **GLASSMAKING IN THE KINGDOM OF VALENCIA. EMERGENCE, DEVELOPMENT, AND CONSOLIDATION OF A LATE MEDIEVAL CONSUMER INDUSTRY IN EASTERN IBERIA (C.1278-C.1500)**

Almenar Fernández, Luis (Universidad Complutense de Madrid)

11:30 **FROM WORKSHOP TO TABLE : 14TH CENTURY GLASSWARE IN THE NORTH-WEST MEDITERRANEAN, AN INVESTIGATION BASED ON THE NORTH CATALAN EXAMPLE**  
Mach, Jordi (Université de Paris 8 Vincennes Saint-Denis; Laboratoire d'Archéologie Médiévale et Moderne En Méditerranée (Aix-En-Provence))11:45 **THE GRALLA WORKSHOP: NEW EVIDENCE OF GLASS PRODUCTION IN 18TH CENTURY MALLORCA**

Capella, Miquel Angel (Universitat de Les Illes Balears) - Serra, Neus (Universitat de Les Illes Balears) - Merino, Josep (Archaeologist)

- 12:00 **THE TECHNOLOGY OF MEDIEVAL VENETIAN GLASS AND THE LEVANTINE CONNECTION**  
Occari, Veronica (Freestone, Ian - Fenwick, Corisande (UCL) - Silvestri, Alberta (University of Padua) - Marcante, Alessandra (Independent Researcher) - Schibille, Nadine (CNRS-Iramat) - Barfod, Gry (Aarhus University)
- 12:15 **GLASSES FROM SAN FRUTTUOSO ABBEY OF CAPODIMONTE (CAMOGLI, GE): ARCHAEOLOGICAL AND ARCHAOMETRIC DATA**  
Bagnasco, Marta - Benente, Fabrizio (Università degli Studi di Genova) - Riccardi, Maria Pia (Università degli Studi di Pavia) - Campana, Nadia (Soprintendenza Archeologia Belle Arti e Paesaggio Per la Città Metropolitana di Genova e la Provincia di la Spezia)
- 12:30 **RECENT RESEARCH ON UNIPARTITE LOW COUNTRIES' STAINED-GLASS PANELS FROM THE 15TH-17TH CENTURIES**  
Patin, Mathilde (Department of Applied Physics and Photonics, Brussels Photonics - B-Phot, Vrije Universiteit Brussel) - Caen, Joost (Em. Professor of the Universiteit Antwerpen) - Lecocq, Isabelle (Royal Institute for Cultural Heritage- KIK-IRPA) - Nys, Karin (Department of Art Sciences and Archaeology, Amgc Research Group, Vrije Universiteit Brussel) - Thienpont, Hugo - Meulebroeck, Wendy (Department of Applied Physics and Photonics, Brussels Photonics - B-Phot, Vrije Universiteit Brussel)
- 12:45 **DISCUSSION SLOT**

### 1147 **MEDITERRANEAN INTERACTION 'FROM WITHIN': ISLAND AND COASTAL COMMUNITIES IN DIALOGUE**

**Room:** 8=CU003-FL1-Aula III  
**Time:** 8:30 - 13:00  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Galmes Alba, Alejandra (Incipit - CSIC; Arqueouib Research Group, University of the Balearic Islands) - Dawson, Helen (Università di Bologna) - Calvo-Trias, Manuel (Arqueouib Research Group, University of the Balearic Islands) - Marino, Sara (Sapienza University of Rome) - Quondam, Francesco (Universitat Wien)

#### ABSTRACTS

8:30 **INTRODUCTION**

- 8:45 **MATERIAL INTERCONNECTEDNESS IN AN ARCHIPELAGIC MARITIME LANDSCAPE: THE INNER IONIAN SEA ARCHIPELAGO**  
Papoulia, Christina (University of Crete)
- 9:00 **LONG-TERM OCCUPATION AND INTERACTION DYNAMICS IN THE CHANNEL ISLANDS: A COMMUNITY-BASED PERSPECTIVE**  
Dawson, Helen (University of Tübingen; University of Bologna) - Dettman, Sean (Jersey International Centre of Advanced Studies) - Duval-Gatignol, Hervé (Société Jersiaise) - Pope, Matthew (University College London)
- 9:15 **BETWEEN ISLANDS, COAST AND INLANDS: RELATION DYNAMICS IN THE MESSINA STRAIT AT THE DAWN OF THE BRONZE AGE**  
Marino, Sara (Sapienza University of Rome) - Quondam, Francesco (University of Vienna)
- 9:30 **APPROACHING THE COAST(S): CROSS-CULTURAL INTERACTIONS BETWEEN CYCLADES AND CRETE DURING THE EARLY BRONZE AGE**  
Vrettou, Aikaterini (University of Heidelberg)
- 9:45 **ISLANDS FROM WITHIN. CONNECTIVITY STRATEGIES IN THE CONFORMATION OF ISLAND IDENTITIES ACROSS THE BALEARIC ISLANDS (C. 1400-850 BCE).**  
Galmes Alba, Alejandra (Incipit, CSIC) - Calvo-Trias, Manuel (Arqueouib Research Group, University of the Balearic Islands)
- 10:00 **WORKING THE LANDSCAPES: CONNECTING COMMUNITY AND LABOUR IN BRONZE AGE CYPRUS**  
Gonzalez San Martin, Ana (Brown University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **BUILDING BRIDGES IN THE CENTRAL MEDITERRANEAN: A SOCIAL AND SPATIAL APPROACH ON BRONZE AGE INTERACTION NETWORKS**  
Michienzi, Giulia (Università degli Studi di Bari Aldo Moro; CNR ISPC)
- 11:15 **INDIGENOUS IMITATION AND GLOBAL INTERACTION: UNDERSTANDING THE POTTERY OF THE POST-TALAYOTIC, LATE IRON AGE AT TORRE D'EN GALMÉS, MENORCA**  
Smith, Alexander (Sunny Brockport) - Pérez-Juez, Amalia (Boston University) - Torres Gomariz, Octavio (Universitat d'Alacant) - Patterson, Evelyn (Sunny Brockport)
- 11:30 **TYOLOGICAL ANALYSIS OF NURAGIC POTTERY FROM CANNATELLO (SICILY): ASSESSING MEDITERRANEAN INTERCONNECTIONS DURING THE LATE BRONZE AGE**  
Talotta, Natalia (University of Rome „La Sapienza“) - Gulli, Domenica (Soprintendenza BBCCAA, Agrigento) - Levi, Sara (Hunter College) - Vanzetti, Alessandro (University of Rome „La Sapienza“)

- 11:45 **ZOOM IN ON CONTINENTAL TYRE: NEW DATA FROM THE LEBANESE-ITALIAN ARCHAEOLOGICAL PROJECT IN TYRE**  
Haider, May (Lebanese University) - Badawi, Ali (The Directorate General of Antiquities) - d'Andrea, Marta (Sapienza)
- 12:00 **THE DIFFUSION AND ASSIMILATION OF THE ORNITHOMORPHIC MOTIF AS A CLUE TO THE CULTURAL INTERACTION IN THE PROTOHISTORIC MEDITERRANEAN**  
Amodio, Francesco (Stadt Zürich)
- 12:15 **SAINTS' DEDICATIONS AND EARLY MEDIEVAL CROSS-MARKED STONES ON THE WEST COAST OF SCOTLAND**  
Kurzenkova, Alla (School of Humanities, University of Glasgow)
- 12:30 **ISLANDS OF TRANSFORMATION: INTERDISCIPLINARY PERSPECTIVES ON ADAPTION, RESILIENCE, AND SUSTAINABILITY**  
Scholten, Thomas - Dawson, Helen - Diaz-Zorita Bonilla, Marta - Dierksmeier, Laura (University of Tübingen) - Rothenburg, Daniel (University of Konstanz) - Schön, Frerich (University of Tübingen)
- 12:45 **DISCUSSION SLOT**

### 1148 ON THE LIFE OF VOWS: MONASTIC ARCHEOLOGY AND BIOARCHAEOLOGY

**Room:** 36=CU005-FL1-Gismondi II

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Janeš, Andrej (Croatian Conservation Institute, Department for Archaeology) - Šarkić, Nataša (Aita BioArChaeology)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **INSIGHTS INTO LIFESTYLE AND STATE OF HEALTH AMONG FRIARS AND LAY PEOPLE BURIED AT THE SANTA CATERINA FRIARY (BARCELONA, SPAIN)**  
Rissech, Carme (Rovira i Virgili University) - Sanz, Andrea (University of Barcelona) - Falcó, Andreu (University of Barcelona) - Cevallos, Antony (Rovira i Virgili University) - Trujillo, José (University of Barcelona) - García, Mireia (University of Barcelona) - Lloveras, Lluís (University of Barcelona)

- 9:00 **LATE MEDIEVAL LIME BURIALS FROM THE FRANCISCAN MONASTERY IN SCHAFFHAUSEN, SWITZERLAND**  
Alterauge, Amelie - Christen, Linda (Department of Archaeology, Cantonal Heritage Service Schaffhausen) - Haas, Cordula (Institute of Forensic Medicine, University of Zurich) - Lehn, Christine (Institute of Forensic Medicine, LMU Munich) - Schotsmans, Eline M.J. (Centre for Archaeological Science, University of Wollongong; PACEA-UMR 5199, University of Bordeaux) - Schäppi, Katharina (Department of Archaeology, Cantonal Heritage Service Schaffhausen)
- 9:15 **NON FUI, FUI, NON SUM, NON CURO: EXAMPLE OF ATYPICAL BURIAL PRACTICE FROM THE RAŠAŠKA - RAČEŠA (CROATIA, 13TH-16TH CENTURY)**  
Sarkic, Natasa (Aita BioArChaeology) - Cighetti, Roberto (Aita Bio-ArChaeology; Osteoarc) - Schendzielorz, Sofie-Kristin (University of Dundee) - Mihaljevic, Marija (Nova Gradiska Town Museum)
- 9:30 **POVERTY IN THE BONES. BIOARCHAEOLOGICAL STUDY OF MONASTIC LIFE IN THE COLLEGE DE MÍNIMOS OF ALCALÁ DE HENARES (MADRID, SPAIN)**  
Hernández-Fernández, Judith (University of Alcalá) - Gallego-García, Mar (University of Alcalá) - Sánchez-Andrés, Ángeles (University of Alcalá)
- 9:45 **WHAT CAN NUNS TELL US? ARCHAEOLOGICAL AND ANTHROPOLOGICAL DATA REGARDING THE VĂRATEC MONASTERY CEMETERY (EASTERN ROMANIA)**  
Diaconu, Vasile (Neamț National Museum Complex) - Simalcsik, Angela („Olga Necrasov“ Centre for Anthropological Research, Romanian Academy – Iași Branch; „Orheiul Vechi“ Cultural-Natural Reserve; Institute of BioArchaeological and Ethnocultural Research, Chișinău)
- 10:00 **THE ROLE OF MEAT IN THE DIET OF THE NUNS FROM THE CONVENT OF SANTA MARIA DE JERUSALEM (BARCELONA, SPAIN)**  
Lloveras, Lluís - Falcó, Andreu - Mondejar, Oriol - Nadal, Jordi (University of Barcelona)
- 10:15 **DISCUSSION SLOT**
- 11:00 **MEDIEVAL MONASTERIES AS ECONOMIC POWERHOUSES: INSIGHTS FROM NUMISMATIC EVIDENCE**  
Štefan, Luka (Moneterra - the Money Museum of the Croatian National Bank)
- 11:15 **„...WHAT IS ESSENTIAL IS INVISIBLE...“ SOCIAL RELATIONS AND ESTATES OF THE PAULINE ORDER THROUGH GEOSPATIAL AND HISTORICAL FACTORS**  
Peto, Zsuzsa - Latos, Tamas (Hungarian National Museum)



11:30 HISTORY OF DECAY: POST-MEDIEVAL SMALL FINDS FROM THE BENEDICTINE MONASTERY OF ST. MARGARET IN BIJELA (CROATIA)  
Janeš, Andrej (Croatian Conservation Institute)

11:45 DISCUSSION SLOT

12:00 DISCUSSION SLOT

### 1149 MODELLING AS COLLECTIVE UNDERTAKING: BEST PRACTICES IN BUILDING AN OPEN ACCESS LIBRARY FOR AGENT-BASED MODELLING IN ARCHAEOLOGY

**Room:** 49=CU006-FLG-Aula B

**Time:** 11:00 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Workshop

**Organisers:** Daems, Dries (KU Leuven) - Verhagen, Philip (VU Amsterdam)

### 1160 INTERCULTURAL CONTACTS WITHIN THE BALTIC SEA REGION FROM PREHISTORY TO THE EARLY MIDDLE AGES

**Room:** 24=CU002-FL1-Lauree

**Time:** 11:00 - 13:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Niedziółka, Kamil (Institute of Archaeology, University of Gdańsk) - Pappmehl-Dufay, Ludvig (Linnaeus University)

#### ABSTRACTS

11:00 AROUND THE BALTIC AND BEYOND: TRANS-BALTIC CONTACTS THROUGHOUT PREHISTORY AND EARLY HISTORY  
Niedziółka, Kamil (Institute of Archaeology, University of Gdańsk)

11:15 ONE PLACE, DIFFERENT PRACTICES: POTTERY PRODUCTION IN ABORA I NEOLITHIC SETTLEMENT  
Haferberga, Vanda (University of Latvia)

11:30 NEW EVIDENCE OF LATE BRONZE AGE CIRCUM-BALTIC CONTACTS FROM KUKULIŠKIAI SITE, LITHUANIA  
Urbonaitė-Ube, Miglė - Pranckenaite, Elena - Minkevičius, Karolis - Ubis, Edvinas (Klaipėda University)

11:45 WHITE SHORES, AND BEYOND... MATERIAL TRACES OF TRANS-BALTIC CONNECTIONS FROM MIGRATION PERIOD ÖLAND, SWEDEN  
Pappmehl-Dufay, Ludvig (Linnaeus University)

12:00 'BOTTOM-UP' OR 'TOP TO BOTTOM' - TRACKING VIKING AGE WHETSTONES FROM EIDSBORG, NORWAY IN THE BALTIC SEA REGION  
Zawalska, Judyta - Loftsgarden, Kjetil (Museum of Cultural History, University of Oslo)

12:15 NEW PERSPECTIVES ON IRON AGE RINGFORT LANDSCAPES IN ÖLAND, SWEDEN BASED ON UAV ALS/LIDAR APPROACHES  
Marczewski, Maciej (Glesum Archaeological Company) - Wroniecki, Piotr (Montefortino Prospection & Digitalisation) - Pappmehl-Dufay, Ludvig (Linnaeus University) - Niedziółka, Kamil (Institute of Archaeology, University of Gdańsk)

12:30 SAAREMAA AND ÖLAND - CONTACTS OVERLOOKED? 12TH-13TH-CENTURY STONE RINGFORTS ON BALTIC ISLANDS  
Mägi, Marika (Foundation Osiliana / Tallinn University)

12:45 DISCUSSION SLOT

### 1167 HISTORICAL ARCHAEOLOGIES OF THE COASTAL AND FLUVIAL ANTHROPOSPHERE? LANDSCAPES AND STRUCTURES, COMBINING SETTLEMENT ARCHAEOLOGY AND GEOSCIENCES

**Room:** 9=CU003-FL1-Aula IV

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Ferenczi, Laszlo (Department of Archaeology, Charles University) - Bergamo, Martina - Paiano, Jacopo (Ca' Foscari University of Venice) - Van Lanen, Rowin (The Cultural Heritage Agency of the Netherlands) - Zatykó, Csilla (Hun-Res Institute of Archaeology, Research Centre for the Humanities)

#### ABSTRACTS

14:00 FLUVIAL ANTHROPOSPHERES AND THE WAY TO THE ANTHROPOCENE - GENERAL THOUGHTS AND METHODOLOGICAL APPROACHES  
Werther, Lukas (Deutsches Archäologisches Institut) - Mehler, Natascha (Tübingen University, Historical Archaeology) - Schenk, Gerrit

(Tu Darmstadt, History of the Middle Ages) - Zielhofer, Christoph (Leipzig University, Physical Geography)

- 14:15 **ROMAN STRUCTURES AND OPERATIONS AROUND THE VENETIAN LAGOON: ACCESSIBILITY, CHANNEL INTERVENTIONS, AND LANDSCAPE CHANGES**  
Ugolini, Federico (University of Siena) - Cirigliano, Giuseppe Prospero (IMT Lucca)
- 14:30 **THE ADAPTATION OF ROMAN AND POST-ROMAN SITES TO LAGOON ENVIRONMENTS: THE CASES OF LIO PICCOLO AND TORCELLO ISLAND (VENICE, ITALY).**  
Paiano, Jacopo - Bergamo, Martina - Calaon, Diego (Ca' Foscari University, Venice)
- 14:45 **TOWARDS MUD AND SHALLOW WATERS: SETTLEMENT DYNAMICS AND ADAPTATION PROCESSES IN THE VENICE LAGOON FROM ROMAN TO EARLY MIDDLE AGES.**  
Bergamo, Martina - Paiano, Jacopo - Calaon, Diego (Ca' Foscari University of Venice)
- 15:00 **LIKE A DUCK TO WATER. ROMAN BUILDING AND ENGINEERING AT THE EDGE OF THE VENETIAN LAGOON**  
Delpozzo, Eleonora - Sperti, Luigi (Ca' Foscari University of Venice)
- 15:15 **CITIES BELOW THE WATER LINE. DUTCH ADAPTATION STRATEGIES FOR DELTAS AROUND THE WORLD**  
Kosian, Menne C. (Cultural Heritage Agency of the Netherlands - RCE) - Van Lanen, Rowin (Cultural Heritage Agency of the Netherlands)
- 15:30 **LOGBOATS FINDINGS IN PO VALLEY AND THE EARLY . MEDIEVAL CASE**  
Lucchini, Alice (University of Zadar, Department of Archaeology)
- 15:45 **DISCUSSION SLOT**
- 16:30 **CHOOSING YOUR PATH WISELY: HOW THE LONG-TERM ANALYSIS OF SETTLEMENT AND FLUVIAL DYNAMICS CAN HELP TO IMPROVE HERITAGE PRESERVATION**  
Van Lanen, Rowin (Cultural Heritage Agency of the Netherlands)
- 16:45 **INVESTIGATING HUMAN-ENVIRONMENTAL INTERACTIONS IN EXTREMELY FLAT FLUVIAL LANDSCAPES: 7,000 YEARS OF SETTLEMENT ECOLOGICAL DYNAMICS ON THE GREAT HUNGARIAN PLAIN**  
Gyucha, Attila (Department of Anthropology, University of University of Georgia) - Mesterházy, Gábor (Hungarian National Museum National Archaeological Institute) - Takács, Katalin (Hungarian Institute for Soil Sciences, Centre for Agricultural Research) - Árvai, Máttyás (Hungarian Institute for Soil Sciences, Centre for Agricultural Research) - Nagy, Balázs (Department of Physical Geography, Eötvös

Loránd University) - Magyari, Enikő (Department of Environmental and Landscapegeography, Eötvös Loránd University)

- 17:00 **EXPLORING ENVIRONMENTAL CONSTRAINTS OF MIGRATION PERIOD SETTLEMENT IN THE MUREŞ VALLEY, ROMANIA**  
Szenzthe, Gergely (Hungarian National Museum) - Daczó, Levente (Hungarian National Museum) - Dobos, Alpár (National Museum of Transylvanian History) - Gáll, Erwin (The Romanian Academy of Sciences, Institute of Archaeology „Vasile Pârvan“) - Rácz, Zsófia (Eötvös Loránd University, Institute of Archaeology) - Cosma, Călin (Romanian Academy, Institute of Archaeology and History of Art of Cluj-Napoca)
- 17:15 **DARK SOIL ON SAND DUNES AS A RESULT OF TERRAIN LEVELLING AT THE EARLY MEDIEVAL SETTLEMENT OF MIKULČICE, MORAVIA**  
Janovský, Martin (Department of Archaeology, Faculty of Arts, Charles University) - Lisá, Lenka (Institute of Geology of the Czech Academy of Sciences) - Hladík, Marek (Institute of Archaeology of the Academy of Sciences of the Czech Republic Brno)
- 17:30 **GOING WITH THE FLOW: SITE DYNAMICS, SETTLEMENT TRANSITIONS AND LAND-USE STRATEGIES IN THE KÖRÖS VALLEY, HUNGARY**  
Zatyko, Csilla - Berta, Adrián - Kovács, Bianka Gina - Kovács, Gyöngyi (Hun-Ren Research Centre for the Humanities, Institute of Archaeology) - Mesterházy, Gábor (Hungarian National Museum) - Pető, Ákos - Saláta, Dénes (Hungarian University of Agriculture and Life Sciences)
- 17:45 **THE RIVER WESCHNITZ FLUVIOSCAPE AND ITS INTERACTION WITH THE LORSCH ABBEY – AN OVERVIEW OF RESEARCH QUESTIONS**  
Prien, Roland (Ruprecht-Karls-Universität Heidelberg; Hessian State Office for Monuments and Sites, Archaeological Unit, Field Office Darmstadt) - Henselowsky, Felix (Institute of Geography, University of Mainz) - Hillmus, Nicolai (Institute of History, Technical University Darmstadt) - Jäger, Barbara (Institute of Geography, University of Heidelberg) - Appel, Elena (Institute of Geography, University of Mainz) - Becker, Thomas (Hessian State Office for Monuments and Sites, Archaeological Unit, Field Office Darmstadt) - Mächtle, Bertil (Institute of Geography, University of Heidelberg) - Schenk, Gerrit (Institute of History, Technical University Darmstadt) - Bubbenzer, Olaf (Institute of Geography, University of Heidelberg) - Vött, Andreas (Institute of Geography, University of Mainz)

- 18:00 MEDIEVAL COLONIZATION OF AN UPLAND LANDSCAPE IN WESTERN BOHEMIA - ENVIRONMENTAL ARCHAEOLOGICAL, HISTORICAL ECOLOGICAL AND LANDSCAPE ARCHEOLOGICAL APPROACHES  
Ferenczi, Laszlo (Univerzita Karlova)
- 18:15 DISCUSSION SLOT

**1168 'NOT ALL MEN'? APPROACHING MASCULINITIES AS GENDERED IDENTITIES WITHIN THEIR SOCIAL CONTEXTS AND PRACTICES IN PREHISTORIC EUROPE**

**Room:** 61=CU022-EXT-Aula D  
**Time:** 8:30 - 10:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** „Higuero Pliego, Antonio - Universidad de Cantabria) - Magalhães Dos Santos, Juliana (Université Paris 1 Panthéon-Sorbonne)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 "BROTHERS IN ARMS": THE SIGNIFICANCE OF THE SWORD OF RUCHANO (CANTABRIA) IN THE CONSTRUCTION OF MASCULINITY DURING THE BRONZE AGE.  
Higuero Pliego, Antonio - Universidad de Cantabria)
- 9:00 SIZE AND ATTRIBUTES AT THE DAWN OF SOCIAL PORTRAIT: THE CASE OF THE CANTABRIAN MOUNTAINS, SPAIN.  
Teira-Mayolini, Luis (Instituto Internacional de Investigaciones Pre-históricas de Cantabria)
- 9:15 BEYOND DICHOTOMIES: RETHINKING THE SYMBOLISM AND GENDER ASSOCIATIONS OF SCANDINAVIAN BATTLE AXES OF THE BATTLE AXE CULTURE.  
Roy, Amber (Stockholm University)
- 9:30 MONSTERS, WARRIORS, HEROES MEN. THE REPRESENTATION OF MASCULINITY IN IBERIAN IMAGERY  
Martínez-Boix, José Luis (Universitat d'Alacant)
- 9:45 BEYOND WARRIORS AND GOOD SHEPHERDS: AN INTERDISCIPLINARY APPROACH TO UNDERSTANDING CHANGES IN MASCULINITY IN THE PROTOHISTORIC CANARY ISLANDS  
Carballo Pérez, Jared (Laboratory for Human Osteoarchaeology, Leiden University) - González Carracedo, Laura (Departamento de Geografía e Historia, Universidad de la Laguna)

- 10:00 DISCUSSION SLOT

**1179 THE EXPLOITATION, USES, AND REPRESENTATIONS OF MARINE INVERTEBRATES (MOLLUSCS, CRUSTACEANS, ECHINODERMS) IN THE ROMAN EMPIRE**

**Room:** 46=CU013-FL2-Rasetti  
**Time:** 14:00 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Mougne, Caroline (Muséum National D'Histoire Naturelle Paris) - Theodoropoulou, Tatiana (UMR7264 - CNRS - Université Côte D'Azur Nice) - Corbino, Chiara (University of Sheffield) - Marzano, Annalisa (University of Bologna)

**ABSTRACTS**

- 14:00 INTRODUCTION
- 14:15 HARVESTING AND EXPLOITATION OF MEDITERRANEAN MARINE INVERTEBRATES IN ROMAN TIMES  
Carenti, Gabriele - Theodoropoulou, Tatiana (CEPAM, CNRS, Université Côte d'Azur)
- 14:30 THE EASTERN VALVE: THE EXPLOITATION OF MARINE INVERTEBRATES IN THE GREEK PROVINCE OF THE ROMAN EMPIRE, AN UNKNOWN RECORD  
Theodoropoulou, Tatiana (CEPAM, CNRS-Université Côte d'Azur)
- 14:45 PROVENANCE DETERMINATION OF CONSUMED OYSTERS AT BAELO CLAUDIA, GIBRALTAR  
Mouchi, Vincent (CREAAH - Université de Rennes) - Audebert, Ludvine (Arscan - Université Paris 1) - Pesnin, Marie (LSCE - Université Paris-Saclay) - Bernal Casasola, Dario (Department of History, Geography and Philosophy - University of Cadix) - Emmanuel, Laurent (Istep - Sorbonne Université)
- 15:00 SEA-URCHIN MIDDENS IN ROMAN ARCHAEOLOGY: NEW EVIDENCE FROM BAELO CLAUDIA  
Bernal-Casasola, Dario - Expósito, José Angel - Lara Medina, Macarena - Díaz, Jose J. (Universidad de Cádiz)
- 15:15 ECHOES OF THE SEA. MOLLUSKS CONSUMPTION IN THE EGYPTIAN EASTERN DESERT: THE CASE OF DEIR EL-ATRASH FORTRESS  
Morand, Nicolas (Muséum National d'Histoire Naturelle Paris)

- 15:30 SHELLFISH EXPLOITATION IN SOUTHERN FRANCE DURING THE ROMAN PERIOD : DEFINITION OF AN „ ANTIQUE MODEL „, AND RECENT FINDINGS.  
Vianney, Forest (Inrap - National Institute for Preventive Archaeological Research; UMR 5608 Traces Toulouse) - Cyprien, Mureau (CNRS, UMR 5554 ISEM, Montpellier)
- 15:45 DISCUSSION SLOT
- 16:30 IMPACT OF THE ROMANISATION ON THE EXPLOITATION AND USE OF MARINE INVERTEBRATES: THE EXAMPLE OF WEST-CENTRAL GAUL  
Mougne, Caroline (UMR 7209 AASPE, Muséum National d'Histoire Naturelle, France) - Dupont, Catherine (CNRS UMR 6566 CREAAH, Université de Rennes)
- 16:45 SHRIMPS IN FISH SAUCE? EXCEPTIONAL DISCOVERIES OF SHRIMP REMAINS IN THE ARCHAEOLOGICAL LEVELS OF TWO ROMAN SITES IN WESTERN FRANCE  
Borvon, Aurélie (CNRS, UMR 7041)
- 17:00 SUPPLY AND USE OF MARINE SHELLFISH IN THE CITY OF AUTRICUM (CHARTRES, NORTHWEST FRANCE)  
Julie, Rivière (Direction de l'Archéologie de Chartres; Museum d'Histoire Naturelle de Paris, UMR 7009) - Caroline, Mougne (Museum d'Histoire Naturelle de Paris, UMR 7009)
- 17:15 THE RITUAL USE OF OYSTERS IN ROMAN BRITAIN  
Goldstein, Avner (Boston College)
- 17:30 DISCUSSION SLOT

## 1182 COOPERATING OR COMPETING? THE ORGANISATION OF SPACE AND POWER USING NETWORKS AND SYSTEMS OF FORTIFICATIONS

**Room:** 34=CU005-FL1-Lucchesi

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Ibsen, Timo (Zentrum für Baltische und Skandinavische Archäologie - ZBSA; Leibniz-Zentrum für Archäologie - LEIZA - Messal, Sebastian (Lower Saxony State Service for Cultural Heritage) - Fontana, Giacomo (University College London)

### ABSTRACTS

- 14:00 INTRODUCTION

- 14:15 'THE HEARTBEAT OF HILLFORTS' - ON THE NECESSITY OF CONTEMPORANEITY FOR THE INTERPRETATION OF SYSTEMS OF FORTIFICATIONS  
Ibsen, Timo (Leibniz-Zentrum für Archäologie (LEIZA-ZBSA)
- 14:30 LATE BRONZE AGE SETTLEMENT NETWORK IN SERBIAN BANAT, SOUTHERN CARPATHIAN BASIN  
Estanqueiro, Marta (University College Dublin; CEAACP- University of Coimbra)
- 14:45 FORTIFIED LANDSCAPES OF HELLENISTIC EPIRUS: FORTIFICATIONS, MOBILITY AND CONTROL OF SPACE  
Castignani, Veronica (University of Catania)
- 15:00 THE OPPIDA OF THE ALTO MINHO (PORTUGAL) AND THEIR TERRITORY BETWEEN 2ND CENTURY BC-1ST CENTURY AD: IDENTIFYING SPATIAL NETWORKS  
Maciel, Sílvia (University of Santiago de Compostela, Spain; Lab2Pt University of Minho) - Rotea, Rebeca (Lab2Pt, Unity of Archaeology, University of Minho) - Fernández-Götz, Manuel (University of Edinburgh)
- 15:15 MIDDLE IRON AGE FORTIFICATIONS ON THE NORTHERN EDGE OF THE GERMAN LOW MOUNTAIN ZONE  
Messal, Sebastian (Lower Saxony State Service for Cultural Heritage)
- 15:30 LATE IRON AGE ENCLOSURES IN WESTERN GERMANY  
Claßen, Erich - Herzog, Irmela - Frank, Klaus (Lvr-Amt für Bodendenkmalpflege Im Rheinland) - Berthold, Jens (Bornholms Museum) - Weiler-Rahfeld, Ivonne (Lvr-Amt für Bodendenkmalpflege Im Rheinland)
- 15:45 DISCUSSION SLOT
- 16:30 ROMAN FORTS IN THE LINE OF FIRE. ANALYSING BUILDING PROGRAMMES IN THE LOWER RHINE DELTA  
Chorus, Julia (Chorus Archeologie; Radboud University)
- 16:45 WAR ON HIGH: THE EARLY MEDIEVAL KASTRA OF KALYMNOS, GREECE  
Kardulias, Drosos (University of Michigan Museum of Anthropological Archaeology) - Greiner, Elliot - Nama, Shriya - Battista, Vincent (University of Michigan)
- 17:00 A FORTIFIED ISLAND? SYSTEMS OF DEFENCE AND SURVEILLANCE ON BORNHOLM IN THE 1ST MILLENNIUM CE  
Albris, Sofie Laurine (National Museum of Denmark)

- 17:15 **THE HILLFORT BROBORG PROTECTED THE UPPSALA REGION AND WAS THEN LEFT IN ISOLATION**  
Sjöblom, Rolf - Hjärthner-Holdar, Eva (Luleå University of Technology) - Ogenhall, Erik (Independent Researcher) - Pearce, Carolyn - Marcial, José - Neeway, James (Pacific Northwest National Laboratory) - Mccloy, John (Washington State University) - Vicenzi, Ed (Smithsonian Institution, Museum Conservation Institute) - Kruger, Albert (US Department of Energy, Office of River Protection)
- 17:30 **THE PIAST DYNASTY'S KEY TO EASTERN POMERANIA? UNIQUE CLUSTER OF THREE STRONGHOLDS IN CIEPŁE (NORTHERN POLAND)**  
Wadył, Sławomir (Faculty of Archaeology, University of Warsaw) - Szczepanik, Paweł (Institute of Archaeology, Nicolaus Copernicus University in Toruń)
- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

**1190 AGRO-SILVO-PASTORAL PRACTICES AND MEETING POINTS IN UPPER MONTANE REGIONS. CREATING AND PRESERVING COMMUNITY BONDS**

- Room:** 60=CU022-EXT-Serra  
**Time:** 16:30 - 18:30  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Regular session  
**Organisers:** Aparicio Martínez, Patricia (University of Toronto; Pontificia Universidad Católica del Perú) - Delgado Arcos, José Alberto - Rebollar Flecha, Luis Miguel - Menéndez Blanco, Andrés (Universidad de Oviedo)

**ABSTRACTS**

- 16:30 **MOUNTAINS, DEITIES AND PEOPLE: THE CASE OF THE CULT OF NYMPHS AND PAN IN ATTIC CAVES**  
Martino, Maria Grazia (Independent Researcher)
- 16:45 **FROM RESOURCE COLONISATION TO HERITAGISATION AND LOCAL ACTIVISM. THE HISTORY OF A SHIELING IN WESTERN SWEDEN**  
Johansson, Annie (County Administrative Board (Värmland)) - Pettersson, Susanne (Independent) - Svensson, Eva (Karlstad University)

- 17:00 **FROM THE ARCHAEOLOGICAL PALIMPSEST TO THE MEETING POINT. TWO CENTRAL PLACES IN THE CANTABRIAN MOUNTAINS, LLINARES AND CUEIRU**  
López, Pablo (Universidad de León) - Fernández Mier, Margarita (Universidad de Oviedo)
- 17:15 DISCUSSION SLOT
- 17:30 **BEYOND THE 'ROYAL HUNTS': CULTURAL TRACES FOR THE COLLECTIVE CAPTURING OF UNGULATES IN THE SOUTH-CENTRAL ANDES**  
Oyaneder, Adrián (University of Exeter)
- 17:45 **ANALYZING THE PASTORAL LANDSCAPE IN THE VALLEY OF SONDONDO, PERU. NEW METHODOLOGIES TO INTEGRATE A SEGREGATED AREA**  
Aparicio Martínez, Patricia (University of Toronto; Pontificia Universidad Católica del Perú) - Delgado Arcos, Jose - Fernández Mier, Margarita (Universidad de Oviedo)
- 18:00 DISCUSSION SLOT

**1195 PATH TO NEW HORIZONS OR HANDMAIDEN TO HISTORY? ISOTOPIC STUDIES ACROSS THE PREHISTORIC/HISTORIC DIVIDE**

- Room:** 66=CU022-FL1-Bettolo  
**Time:** 16:30 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Round table  
**Organisers:** Trentacoste, Angela (The British School at Rome) - Gillis, Roz (Referat für Naturwissenschaften - DAI) - Makarewicz, Cheryl (Institut für Ur- und Frühgeschichte Christian-Albrechts-Universität)

**1224 ERC FUNDING OPPORTUNITIES FOR ARCHAEOLOGY**

- Room:** 6=CU003-FL1-Aula I  
**Time:** 16:30 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Round table  
**Organisers:** Cumoli, Flavia (European Research Council) - Kristiansen, Kristian (University of Gothenburg)

..... FRIDAY 30 AUGUST .....

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 1 <b>CU003</b> EXT CISADU	<b>772.</b> Embracing Transdisciplinarity: Multiple Ways of Seeing the Past through Different Ontologies			
Room 2 <b>CU003</b> EXT Vetri	<b>1050.</b> Redefining Abandonment: Geoarchaeological and Ethnographical Approaches to Unveiling Hidden Narratives		<b>533.</b> Forensic Archaeology: The Important Role of Archaeology in Legal and Humanitarian Investigations	
Room 3 <b>CU003</b> BAS Partenone	<b>184.</b> Archaeology of Foodways: Towards a Cross-Cultural Comparative Perspective			
Room 4 <b>CU003</b> BAS Auletta	<b>396.</b> Exploring everyday domestic life: from the Neolithic to the early modern period			<b>160.</b> Mysterious Mud: A Transversal Approach to Interpreting Unsolved Earthen Remains
Room 5 <b>CU003</b> BAS Archeologia	<b>340.</b> Aftermath of War: Precarity and Consequences of Armed Conflicts from Prehistory to Early Modern Period			
Room 6 <b>CU003</b> FL1 Aula I	<b>1000.</b> Advanced Methodologies for Life History Reconstruction in BioArChaeology			
Room 7 <b>CU003</b> FL1 Aula II	<b>1060.</b> Feminist Perspectives on Social Archaeology. AGE Session In Memoriam Liv Helga Dommasnes		<b>571.</b> Debating Best Practices and New Approaches for a Sustainable Study of Rock Art	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 8 CU003 FL1 Aula III	<b>502.</b> Advances in Japanese Archaeology		<b>1046.</b> Evolutionary Approaches to Archaeological Questions: Human Behavioral Ecology and Cultural Transmission Theory	
Room 9 CU003 FL1 Aula IV	<b>982.</b> Tracing & Protecting: Facing the Shadows of Illicit Trafficking in Cultural Goods		<b>1140.</b> Health and disease in medieval Islamic populations in Europe	
Room 10 CU003 FL1 Aula V	<b>594.</b> "All Roads Lead to the South", Facing the European Palaeolithic from the South of the Iberian Peninsula		<b>931.</b> Tracing Human Stories through Stable Isotopes: Unravelling the Dynamics of Health and Identities	
Room 11 CU003 FL1 Venturi	<b>1161.</b> Heritage Tales: Participatory Approaches to Heritage Management and Community Engagement		<b>1068.</b> Agrarian Change in the Medieval Mediterranean: Towards Holistic Archaeologies of Environmental Change	
Room 12 CU003 FL1 Toesca			<b>387.</b> Archaeology & the Global Middle Ages: Opportunities, Challenges, and Future Trajectories	
Room 13 CU003 FL1 Nobile	<b>1112.</b> The Day After: The Materiality of Resilience, Memory and Inequality in Post-disaster Scenarios		<b>863.</b> The Lives and Afterlives of Megaliths: Dialogues of Persistence, Reinvention and Change	
Room 14 CU003 FL3 Simonetti	<b>463.</b> Methods of Analysing Subsistence Resources, Landscape Management and Exploitation Practices between the Bronze Age and Iron Age		<b>946.</b> Ritualism and Funerary Practices in the Mediterranean Basin: Objects, Symbolism, Inputs, and Resilience	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 15 CU003 FL3 Aula XXII	<b>884.</b> Transfer and Reception of Public and Private Architectural Types in the Coastal Settlements of the Mediterranean Basin		<b>736.</b> Interdisciplinary Trajectories in Mortar Analysis of Historical Buildings	
Room 16 CU003 FL3 Chabod	<b>743.</b> Isotopic Baselines and Beyond: Expanding Archaeological Narratives and Reevaluating the Use of Baselines in Isotope BioArChaeology		<b>738.</b> Reclaiming Herstory: Women in Mediterranean Archaeology from the 18th Century to Today	
Room 17 CU003 FL3 Romeo	<b>936.</b> Towards the living city through time: Interdisciplinary approaches to ancient civilisations of Central Italy		<b>1044.</b> What a Waste!? The Epistemological Value of Refuse and Discarded Materials in the Current Archaeological Research	
Room 18 CU003 FL3 Morghen	<b>1023.</b> Connecting through vitreous materials: multidisciplinary approaches to Mediterranean networks in the 2nd-1st Millennium BCE		<b>1024.</b> Understanding Behavioural Changes through Material Studies - Adaptation and Social Complexity of the Homo Sapiens	
Room 20 CU003 FL4 De Martino	<b>793.</b> Lithic Raw Materials Lithothèques: Open Access and Interoperability Initiatives		<b>888.</b> From Material Landscapes to Cognitive Landscapes	
Room 21 CU003 FL4 Aula C	<b>775.</b> Exploring Dates-as-Data Approaches: Theoretical Promises and Methodological Problems		<b>643.</b> The Experience of Stone II: Sculpting Comparative Phenomenologies	
Room 22 CU003 FL5 Pirrota	<b>1048.</b> Antiques, Heirlooms, and Memorabilia: The Relationship between Portable Objects and Memory in the Ancient World		<b>577.</b> Following the River: Flows as Clusters of Communication in the Ancient Mediterranean World	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room <b>83</b> <b>CU002</b> FLG Aula T01	<b>866.</b> Current Research in the Americas. Interdisciplinary Research between Past and Present			
Room <b>24</b> <b>CU002</b> FL1 Lauree	<b>1072.</b> Crop History Research: After Prehistory	<b>1109.</b> Mesolithic & Neolithic Evolutionary Trajectories at the Mediterranean		
Room <b>25</b> <b>CU002</b> FL1 Aula V	<b>854.</b> Building Bridges: An Open Forum for Archaeology and Metagenomics		<b>247.</b> Essential or Essentialist: Sex and Gender Categories in Archaeological Interpretation	
Room <b>26</b> <b>CU002</b> FL1 Aula VI	<b>679.</b> Gender and Sexualities in Material Culture of the Ancient World		<b>626.</b> MERC Forum. Standing Ruined Buildings in Large Cities: A Burden or a Resource for Society?	
Room <b>27</b> <b>CU002</b> FL1 Aula VII	<b>861.</b> Insects for Archaeology, Archaeology for Insects: Environmental Storytellings for the Past, Present, and Future		<b>928.</b> Why We Should Persist in Making Archaeology Accessible and Inclusive to All?	
Room <b>28</b> <b>CU002</b> FL1 Aula VIII	<b>631.</b> "A Day without Pottery Is a Day Wasted" - Pottery Technology and Manufacture			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room <b>29</b> <b>CU002</b> FL1 Aula IX	<b>63.</b> Shifting Focus: The Cultural Context of Figurines in the European Neolithic		<b>1009.</b> Beyond the lens: contemporary methods and interdisciplinary synergies in archaeobotany	
Room <b>30</b> <b>CU002</b> FL1 Aula 101	<b>1172.</b> Hoard in situ. The Archaeological Context for Understanding Metal Age Hoards			
Room <b>31</b> <b>CU002</b> FLG Aula C	<b>1133.</b> Everything Counts in Large Amounts? The Emergence of Trade Networks in Medieval Eastern Europe. The Archaeological and Archaeometric Evidence			
Room <b>32</b> <b>CU002</b> FLG Aula D	<b>1150.</b> Caves and Rockshelters as Archives to Study Processes of Change		<b>1123.</b> Transient Traces: Unearthing the Hidden Material Dimensions of Contemporary Migration	
Room <b>77</b> <b>CU002</b> FLG Aula XIII Massimo D'Antona	<b>733.</b> Interdisciplinary Approaches to the Archaeology of Roman Textiles - A Story Told Through Threads			
Room <b>78</b> <b>CU002</b> FL2 Aula 201	<b>18.</b> Fish * Forms * Functions: The Importance and Societal Role of Aquatic Resources in Prehistoric Societies			
Room <b>79</b> <b>CU002</b> FL3 Aula 301	<b>1049.</b> 'Til Death Do Us Part? Revisiting the Question of Double Burials			



	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room <b>80</b> <b>CU002</b> FL3 Aula 302		<b>1111.</b> Non - invasive archaeology: integrating satellite, UAV, and geophysics with traditional field methodologies Part 1		<b>557.</b> New Frontiers in Stable Isotope Research of BioArchaeological Remains: Progress and Pitfalls Part 1
Room <b>34</b> <b>CU005</b> FL1 Lucchesi	<b>85.</b> Trade Hub? Safe Haven? Ritual Centre? The Role of Ditch Systems and Central Sites in the Neolithic		<b>845.</b> Trans-Adriatic Dynamics: Late Bronze to Early Iron Age Matt-Painted Pottery in the Southwestern Balkans and Southern Italy	
Room <b>35</b> <b>CU005</b> FL1 Gismondi I	<b>1027.</b> How to Hunt? How to Herd? New Approaches to Old Questions on Human-Nonhuman/Animal Entanglements		<b>903.</b> 'What Does Pottery Tell Us'? Interpreting the Neolithic Lifestyle in the South of Europe: Traditions, Cultural Identity and Interactions	
Room <b>36</b> <b>CU005</b> FL1 Gismondi II	<b>1188.</b> Past, present, and future of Archaeoethnology: a critical discussion on the state of the discipline.		<b>695.</b> Destruction, Burial or Just Fading away. Roman Case Studies on the De-sacralisation of Religious Sites and Material Culture in Antiquity	
Room <b>37</b> <b>CU005</b> FL2 Ponzi I	<b>1004.</b> Tracking the Life History through the Microarchitecture of the Human Bone		<b>139.</b> Understanding the Broader Picture: Multi-Site and Longue Durée Approaches to the Study of Recycling, Repair, and Secondary Use in Antiquity	
Room <b>38</b> <b>CU005</b> FL2 Ponzi II	<b>804.</b> Make Dolia Great Again - Comparative Perspectives on Ancient Clay-jar Winemaking		<b>354.</b> Scene City. Settlement Aggregation and Community Transformation in the Built Environment of the Eastern Mediterranean between IV-II Millennia BC.	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room <b>42</b> <b>CU005</b> BAS Aula 3		<b>522.</b> Society in the Medieval Mediterranean (5th to the 12th Centuries) through Archaeology of Death		<b>856.</b> So Falls the World: Archaeology and Heritage against Empire(s)
Room <b>43</b> <b>CU013</b> FL1 Careri		<b>143.</b> Resource Cultures - Socio-Cultural Dynamics and the Use of Resources		<b>995.</b> Sense and Sustainability in Foraging Communities
Room <b>45</b> <b>CU013</b> FL1 Conversi		<b>648.</b> Workers of the Past Unite! Labour studies today: a reflection on the potentialities and limits of the approach		<b>548.</b> "Land ahead!" Islands - Mainland Mobility across the Mediterranean in Prehistory
Room <b>46</b> <b>CU013</b> FL2 Rasetti		<b>364.</b> Modeling Pleistocene Survival Dynamics: Ecology, Energetics and Evolution	<b>334.</b> Ethnographic Analogy and the Pleistocene Archaeological Record: Re-assessing Potentials and Pitfalls	
Room <b>48</b> <b>CU006</b> FLG Aula C		<b>638.</b> Symbolism and Society during the Late Prehistory of Western Europe: Megaliths and Hypogea as Case Studies	<b>482.</b> "Past Is Not Past". Environmental Effects of Past Land Use on Present Resources Ecology. Environmental Archaeology between Research and Application	<b>880.</b> PARIS or Paradigm Shift

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 49 CU006 FLG Aula B	<b>1166.</b> History without Crossroads? Centring the Periphery of the Mediterranean	<b>789.</b> Sharing, Merging and Analysis of Noninvasive Archaeological Data: towards a MCSA Doctoral Network	<b>83.</b> What's Going on with Finder-Collectors where You Are?	<b>1077.</b> Research Data Management in the Field
Room 51 CU006 FLG Aula II	<b>306.</b> Phoenician and Punic Archaeology in Europe (and Beyond): Receptions, Heritage, and Projects			
Room 55 CU033 FL2 Mortara	<b>735.</b> Post-medieval cemeteries on the focus - Anthropological and archaeological studies about the past 500 years			
Room 56 CU033 FL2 Baroni	<b>849.</b> Zooarchaeology in Transition(s): Subsistence Patterns, Cultural Changes and Continuity in European Prehistory through Old and New Tools		<b>525.</b> Exploring Dental Pathologies and Diet Across Time and Space: An Interdisciplinary Approach	
Room 57 CU033 FL4 Aula 6	<b>248.</b> Lithics, Fauna: Let Them Refit!			
Room 58 CU033 FL4 Aula 7	<b>1071.</b> Machine Learning Methods in Archaeological Research: New Approaches, Barriers and Standardization			<b>647.</b> Trajectories of AI in Archaeological Heritage: Geographies, Innovations, Future-Making, and (In)Justices

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 60 CU022 EXT Serra	<b>653.</b> Infectious Disease and Hygiene in the Neolithic and Bronze Age	<b>862.</b> Archaeological Heritage? Diversifying Approaches of Cooperation with Non-European Partners	<b>818.</b> Current Status and the Future of Digital Archaeology in the Eastern Mediterranean	<b>1011.</b> Investigation of Neolithic Lithic Technology and Experimentation: An Approach to Technical Variability
Room 61 CU022 EXT Aula D	<b>1089.</b> Ritual Variance in Graeco-Roman Religions: Cognitive and Sensory Theoretical Perspectives	<b>332.</b> Change and Persistence in the Transition from Late Hellenistic to Early Roman Imperial Times in the Eastern Mediterranean	<b>575.</b> Abandonment and Opportunities? Responses to the Late Medieval Desertion	
Room 62 CU022 EXT Aula E	<b>838.</b> Community Engagement in Archaeological Heritage: Best Practices, Objectives, Conflicts, and Plans for the Future	<b>1015.</b> Eternal Rest in the West: Funerary Contexts in Western Mediterranean Protohistory	<b>226.</b> Maritime Heterotopias: Novel Insights into the Archaeology of Maritime Cultural Landscapes in the Mediterranean and Beyond	
Room 63 CU022 FLG Montalenti	<b>432.</b> Residential Building Techniques with Wood and Daub in Prehistory: What We Find and What We Reconstruct			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 64 CU022 FLG Aula C	<b>492.</b> Assessing Damage Caused to Archaeological Heritage: Expectations and Reality		<b>1170.</b> Windows to the Past: Archaeological Thinking, Interdisciplinarity, and Qualitative Analysis in the Digital World	<b>1165.</b> Collecting across Borders: Histories of Collecting and Current Debates on Collections
Room 65 CU022 FLG Giacomini	<b>182.</b> Invisible or Hard to See: Non-burial Treatment of the Dead in the Archaeological Record			
Room 66 CU022 FL1 Bettolo	<b>1054.</b> Landscape Archaeology and Place Names in Multifocus Interpretations	<b>1040.</b> Tracking the Urban DNA. Unravelling the Rise and Fall of Towns and Cities	<b>439.</b> Interdisciplinary and Multiscalar Approaches to BioArchaeology in the Danube Provinces of the Roman Empire	<b>466.</b> Facilitating Public Engagement and Participation in Development-led Archaeology
Room 67 CU028 FLG Aula 1	<b>664.</b> Archaeological Heritage Management: Processes and Models for Comparison			
Room 68 CU028 FLG Aula 2	<b>1043.</b> Out of Neglect, into the Spotlight. Strategies and Good Practices for Rediscovering Sites with Troubled Histories			
Room 69 CU028 FL1 Aula 5	<b>1192.</b> Curating Archaeology? How to Exhibit the Past			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 70 CU028 FL1 Aula 3	<b>408.</b> Crafting Iron Age Societies: Can Creativity, Technology, or Typology Highlight Human Past Transformations?		<b>157.</b> Multidisciplinary Approaches to Human Behavior and Environmental Dynamics of Late Early Pleistocene and Middle Pleistocene Europe	
Room 101 CNR01 BAS Convegna	<b>433.</b> Enclosed Societies: prehistoric ditches of Southeast Europe and the adjacent areas		<b>359.</b> The 4th and 3rd Millennium BC Steppe Impact on Prehistoric Europe Part 2	
Room 102 CNR01 FLG Biblioteca	<b>1097.</b> The Mindreading of Materialities. Archaeology of Movement and Sight	<b>971.</b> Health of Laboring Communities across Geographies of Work	<b>1120.</b> Human environment interactions in the Eurasian steppes from prehistory to the early historical periods	
Room 103 CNR01 FL1 Marconi	<b>731.</b> Changes in Life, Changes in Death: An integrative Approach to the Neolithic Transformations in Southwest Asia		<b>784.</b> Demand for Salt: from Prehistory to the Early Modern Period	

## 18 FISH \* FORMS \* FUNCTIONS: THE IMPORTANCE AND SOCIETAL ROLE OF AQUATIC RESOURCES IN PREHISTORIC SOCIETIES

**Room:** 78=CU002-FL2-Aula 201

**Time:** 8:30 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Groß, Daniel (Museum Lolland-Falster) - Kramberger, Bine (Institute for the Protection of Cultural Heritage of Slovenia, Centre for Preventive Archaeology (ZVKDS, CPA) - Mansrud, Anja (University of Stavanger, Museum of Archaeology, Department of Cultural Heritage) - Hellmuth Kramberger, Anja (Alma Mater Europaea - Fakulteta Za Humanistični Študij, Institutum Studiorum Humanitatis (AMEU - ISH) - Theodoropoulou, Tatiana (Université Côte D'Azur, Cultures et Environnements, Préhistoire, Antiquité, Moyen Âge (CEPAM)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 THE AFFECT OF MATERIAL DYADS: FISHING AS INTRASPECIES COMMUNICATION  
Mansrud, Anja - Radchenko, Simon (Museum of Archaeology, University of Stavanger)
- 9:00 FISH PEOPLE: HUMAN-ANIMAL RELATIONSHIPS IN IDENTITY CREATION IN THE IRON GATES DURING THE MESOLITHIC-NEOLITHIC TRANSITION.  
Rasmussen, Jason (University at Buffalo)
- 9:15 DISCUSSION SLOT
- 9:30 WHO WAS THE FISHER(MAN) WITHIN THE BRONZE- AND IRON AGE COMMUNITIES? REVIEW OF ICONOGRAPHIC AND ARCHAEOLOGICAL DATA  
Hellmuth Kramberger, Anja (Alma Mater Europaea - Institutum Studiorum Humanitatis) - Kramberger, Bine (Institute for the Protection of Cultural Heritage of Slovenia (ZVKDS, Centre for Preventive Archaeology (CPA)
- 9:45 "O BEAUTIFUL FLOUNDER! O QUEEN OF THE SEA!" ARCHAEOLOGY, DEPICTIONS, MYTHS AND TRADITIONS RELATED TO THE HALIBUT  
Brun, Wenche (Museum of Archaeology, University of Stavanger)
- 10:00 PREHISTORIC FISHING IN THE ŽEIMENA RIVER, NORTHEASTERN LITHUANIA  
Piličiauskas, Gytis (Lithuanian Institute of History) - Pranckėnaitė, Elena (Klaipėda University) - Matiukas, Aldas (-) - Osipowicz, Grzeorz

(Nicolaus Copernicus University) - Peseckas, Kęstutis (Lithuanian Institute of History) - Piličiauskienė, Giedrė (Vilnius University)

10:15 DISCUSSION SLOT

11:00 HUNDREDS OF MARINE FISH AS OFFERINGS AT SALANGO, COASTAL ECUADOR, DURING THE MIDDLE GUANGALA PHASE (AD 300-600)

Lacorne, Camille (Muséum National d'Histoire Naturelle) - Lunniss, Richard (Universidad Técnica de Manabí) - Bearez, Philippe (Muséum National d'Histoire Naturelle)

11:15 A FISHING CAMP ON THE DESERT SHORE: FISHHOOK TECHNOLOGY AND ICHTHYOARCHAEOLOGICAL DATA FROM A MID-HOLOCENE SITE IN THE ATACAMA DESERT

Power, Ximena (Instituto de Investigaciones Arqueológicas y Museo R.P. Gustavo Le Paige, Universidad Católica del Norte) - Macari, Josefina (Independent Researcher) - Rigaud, Solange (CNRS, Université de Bordeaux, Ministère de la Culture, PACEA) - López, Patricio (Museo de Historia Natural y Cultural del Desierto de Atacama) - Durán, Valentina (Independent Researcher) - Talep, Claudia (Independent Researcher) - Requena, Nicolás (Independent Researcher) - Silva, Claudia (Museo de Historia Natural de Concepción) - Cases, Bárbara (Independent Researcher) - Alday, Camila (McDonald Institute for Archaeological Research)

11:30 AQUATIC RESOURCES AND THEIR ROLE IN HUMAN LIVED EXPERIENCES AT MESOLITHIC LAKE ONEGA/KARELIA

Eckelmann, Rebekka - Batanina, Olga - Mannermaa, Kristiina (University of Helsinki)

11:45 DISCUSSION SLOT

12:00 FISHING DYNAMICS AND AQUATIC RESOURCE UTILIZATION IN LOWER DANUBE COMMUNITIES DURING THE 5TH MILLENNIUM BC

Savu, Mihaela (Christian-Albrechts Universität)

12:15 ADAPTATION AND INTEGRATION: FISHING STRATEGIES IN STONE AGE SOUTHERN SCANDINAVIA EVIDENCED BY STATIONARY WOODEN FISHING STRUCTURES

Koivisto, Satu (Museum Lolland-Falster) - Robson, Harry (University of York) - Groß, Daniel (Museum Lolland-Falster) - Philippsen, Bente (Norwegian University of Science and Technology) - Schmölcke, Ulrich (Leibniz Zentrum für Archäologie; Museum Lolland-Falster) - Måge, Bjørnar (Museum Lolland-Falster)

- 12:30 THE NORWEGIAN (PRE)HISTORIC TRADITION OF STONE-BUILT EEL-TRAPS IN RIVERS AND CREEKS  
Kvæstad, Christopher Fredrik (Stavanger Maritime Museum)
- 12:45 DISCUSSION SLOT
- 14:00 WHALING IN PREHISTORIC EUROPE? AN ETHNOARCHAEOLOGICAL APPROACH."  
WESKI, TIMM (PRIVATE RESEARCHER)
- 14:15 HUMANS AND FRESHWATER ECOSYSTEMS - MESOLITHIC POPULATIONS AND EXPLOITATION OF WETLANDS ALONG THE ADIGE VALLEY (TRENTINO, ITALY)  
Dipino, Noemi - Fontana, Alex (Muse - Science Museum of Trento) - Visentin, Davide - Fasser, Nicolò (University of Ferrara) - Nannini, Nicola - Flor, Elisabetta (Muse - Science Museum of Trento) - Thun Hohenstein, Ursula (University of Ferrara) - Duches, Rossella (Muse - Science Museum of Trento)
- 14:30 DISCUSSION SLOT
- 14:45 ARCHAEOLOGICAL, ETHNOGRAPHICAL, AND EXPERIMENTAL RECONSTRUCTIONS OF FISHING IN THE NEOLITHIC SETTLEMENT OF DAKTARIŠKĖ 5, WEST LITHUANIA  
Iršenas, Marius - Butrimas, Adomas - Slah, Gvidas (Vilnius Academy of Arts) - Rimkus, Tomas (Vilnius Academy of Arts; Klaipėda University)
- 15:00 FISH TRAPPING IN 3D. TECHNOLOGICAL APPROACH TO WOODEN MESOLITHIC FISH TRAPS IN THE SCANDINAVIAN ALPINE AREAS BY 3D MODELLING  
Mjaerum, Axel - Friis, Ellen (Museum of Cultural History, University of Oslo) - Gómez, Jorge (CNRS - University of Rennes)
- 15:15 DISCUSSION SLOT

### 063 SHIFTING FOCUS: THE CULTURAL CONTEXT OF FIGURINES IN THE EUROPEAN NEOLITHIC

**Room:** 29=CU002-FL1-Aula IX

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Becker, Valeska (University of Copenhagen) - Hofmann, Daniela (University of Bergen) - Iversen, Rune (University of Copenhagen)

#### ABSTRACTS

- 8:30 INTRODUCTION

- 8:45 THE ANTHROPOMORPHIC-VASE IN THE "STRUCTURED DEPOSITION" AMONG THE CULTURES OF CENTRAL-NORTHERN ITALIAN PENINSULA, AT THE END OF 6TH MILLENNIUM BCE  
Bersani Pancheri, Monica - Ciela, Marika - Pedrotti, Annaluisa (University of Trento, Department of Humanities)
- 9:00 A PARTY TO REMEMBER? A UNIQUE FACE POT ASSEMBLAGE FROM THE MIDDLE NEOLITHIC OF THE CARPATHIAN BASIN  
Sebok, Katalin (Institute of Archaeological Sciences, Eötvös Loránd University)
- 9:15 NO FACE FIGURINES - MULTIPLE FACES OF INTERPRETATION  
Kogalniceanu, Raluca („1 Decembrie University“ of Alba Iulia)
- 9:30 ON THE SOCIAL CONTEXT OF FIGURINE FRAGMENTATION AND DEPOSITION: INSIGHTS FROM THE CUCUTENI-TRYPILLIA SITE OF STOLNICE  
Terna, Andreea (Christian-Albrechts-Universität Zu Kiel, Institut für Ur- und Frühgeschichte)
- 9:45 ANTHROPOMORPHIC FIGURINES IN NEOLITHIC AND COPPER AGE CONTEXTS: INSIGHTS FROM THE PIETRELE SITE, ROMANIA  
Müller, Michael (Free Researcher)
- 10:00 UNUSUAL OR DIFFERENT NEOLITHIC IMAGES: ALLUSIONS TO MATERIAL OR SOCIAL FACTS AND PHENOMENA?  
Marangou, Christina (Independent Researcher)
- 10:15 DISCUSSION SLOT
- 11:00 MORE THAN MEETS THE EYE: SOMATOPERCEPTION THROUGH NEOLITHIC FIGURINES  
Mina, Maria (University of the Aegean)
- 11:15 SHAPED, FIRED, DISCARDED, DEPOSITED IN THE RONDEL DITCHES. THE LARGEST EUROPEAN FIGURINE COLLECTION IN 3D, MCT, PETROGRAPHY, USE-WEAR AND GIS  
Kanáková, Ludmila - Nosek, Vojtěch - Tóth, Peter - Kreiter, Attila (MUNI - Ústav Archeologie a Muzeologie)
- 11:30 LIVING FAUNA MADE OF CLAY? A COMPARISON OF ANIMAL BONE FINDINGS AND INTERPRETATIONS OF ZOOMORPHIC FIGURINES.  
Luckner, Julia (Institut fuer Ur- und Fruehgeschichte Kiel)
- 11:45 CHALCOLITHIC FIGURINES: THE NATURAL FORM OF UNGULATE PHALANGES AS AN ANTHROPOMORPHIC SCULPTURE FROM THE BOTAI CULTURE, KAZAKHSTAN  
Merts, Victor (S.Toraighyrov Pavlodar State University) - Usmanova, Emma (Saryarka Archaeological Institute, Buketov Karaganda University; Margulan Archaeological Institute) - Zakharov, Sergey (Margulan

Archaeological Institute, Kazakhstan) - Pleshakov, Anatoly (Kozybaev North Kazakhstan University) - Olsen, Sandra L. (Division of Archaeology, Biodiversity Institute, University of Kansas)

12:00 **PREHISTORIC LADIES FROM NORTH MACEDONIA**  
Spirova, Marina (Archaeological Museum of Republic of North Macedonia) - Kolishtrkoska Nasteva, Irena (Archaeological Museum of Republic of North Macedonia - Retired)

12:15 **TURNING WEST: ON THE DISAPPEARANCE OF FIGURATIVE REPRESENTATIONS. IN NEOLITHIC WEST-CENTRAL EUROPE**  
Bristow, Rebecca (University of Copenhagen)

12:30 **THE CHANGE FROM ANTHROPOCENTRIC TO ZOOCENTRIC FIGURAL REPRESENTATIONS IN NEOLITHIC CULTURAL CONTEXTS OF THE SOUTHWESTERN CARPATHIAN BASIN**  
Botic, Katarina (Institute of Archaeology, Zagreb)

12:45 **DISCUSSION SLOT**

### 083 **WHAT'S GOING ON WITH FINDER-COLLECTORS WHERE YOU ARE?**

**Room:** 49=CU006-FLG-Aula B

**Time:** 14:00 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Thomas, Suzie (Universiteit Antwerpen) - Oksanen, Eljas (University of Helsinki; University of Reading) - Deckers, Pieterjan (Katholieke Universiteit Leuven) - Wessman, Anna (University of Bergen)

### ABSTRACTS

14:00 **PORTAL OF AMATEUR COLLABORATORS AND REGISTER OF INDIVIDUAL FINDS OF THE CZECH REPUBLIC**  
Marik, Jan (Institute of Archaeology of the CAS, Prague) - Antal, Robert (Institute of Archaeology of the CAS, Brno)

14:15 **A MAJOR TRAIN WRECK: THE 'NEW' FINDS REPORTING APP OF THE AUSTRIAN FEDERAL MONUMENTS AGENCY**  
Karl, Raimund (Universität Wien)

14:30 **THE FINDS WE NEVER SEE. ARCHAEOLOGICAL ARTEFACTS KEPT AS TROPHIES BY LICENSED METAL DETECTORISTS**  
Falkenberg, Josefine (Archaeological Heritage Office Saxony)

14:45 **MANAGEMENT OF ARCHAEOLOGICAL HERITAGE, SEARCH AND COLLECTION IN UKRAINE: THE TIME MACHINE WORKS**

Videiko, Mykhailo - Motorzhyna, Mariia (Kyiv Metropolitan Borys Grinchenko University)

15:00 **RESEARCH TO THE RESCUE? A HELPING HAND FOR HERITAGE MANAGERS IN ESTONIA**

Kuriso, Tuuli (Tallinn University)

15:15 **INTERNAL ENEMY. WHO IS DESTROYING THE UKRAINIAN ARCHAEOLOGICAL HERITAGE?**

Ivanova, Oleksandra (National University of Kyiv-Mohyla Academy) - Zotsenko, Ivan (Institute of Archeology, National Academy of Sciences, Kyiv, Ukraine)

15:30 **NEW CHALLENGES IN RELATION TO METAL DETECTING IN HUNGARY**

Rácz, Tibor (Ferenczy Museum Centre; Community Archaeology Association)

15:45 **DISCUSSION SLOT**

### 085 **TRADE HUB? SAFE HAVEN? RITUAL CENTRE? THE ROLE OF DITCH SYSTEMS AND CENTRAL SITES IN THE NEOLITHIC**

**Room:** 34=CU005-FL1-Lucchesi

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Maurer, Jakob (University for Continuing Education Krems) - Hukelova, Zuzana (Institute of Archaeology of the Slovak Academy of Sciences) - Wunderlich, Maria (Kiel University) - Bistáková, Alena (Institute of Archaeology of the Slovak Academy of Sciences)

### ABSTRACTS

8:30 **INTRODUCTION**

8:45 **TRANSFORMATIONS OF A SOCIO-SPATIAL SYSTEM DURING THE NEOLITHIC IN SW SLOVAKIA: VRÁBLE AND THE ŽITAVA VALLEY**  
Furholt, Martin (Kiel University) - Cheben, Ivan - Bistaková, Alena (Slovak Academy of Sciences) - Wunderlich, Maria - Furholt, Kata - Kühn, Till (Kiel University)

- 9:00 **UNIQUE SETTLEMENTS COMPLEXES OF LBK AND ŽELIEZOVCE GROUP IN SW SLOVAKIA: ARCHAEOLOGICAL RESEARCH IN VRÁBLE SITE**  
Bistáková, Alena - Cheben, Ivan (Institute of Archaeology, Slovak Academy of Sciences) - Furholt, Martin - Wunderlich, Maria - Furholt, Kata (Kiel University) - Hukel'ová, Zuzana (Institute of Archaeology, Slovak Academy of Sciences) - Fuchs, Katharina - Kühl, Till (Kiel University)
- 9:15 **DISCUSSION SLOT**
- 9:30 **HEADLESS SKELETONS IN THE DITCH: UNRAVELLING THE COLD CASE AT THE SETTLEMENT OF VRÁBLE-VELKÉ LEHEMBY (SLOVAKIA, 5250-4950 BCE)**  
Hukelova, Zuzana - Bistáková, Alena - Cheben, Ivan (Institute of Archaeology (Institute of Archaeology, Slovak Academy of Sciences) - Furholt, Kata - Furholt, Martin - Kühl, Till - Wunderlich, Maria - Fuchs, Katharina (Christian-Albrechts-Universität Zu Kiel)
- 9:45 **SURROUNDING A LBK-"CENTRAL SITE": FIRST RESULTS ON THE DIACHRONIC AND SPATIAL DEVELOPMENT OF THE "SCHLETZ SETTLEMENT CLUSTER"/LOWER AUSTRIA**  
Längauer, Julia - Hascher, Cornelia (University for Continuing Education Krems, Centre for Museum Collections) - Pieler, Franz (State Collections of Lower Austria) - Teschler-Nicola, Maria (Natural History Museum Vienna) - Irrgeher, Johanna - Schober, Michael (Montanuniversität Leoben, Department General, Analytical and Physical Chemistry) - Prohaska, Thomas (Montanuniversität Leoben, Department General, Analytical and Physical Chemistry) - Duboc, Olivier (University of Natural Resources and Life Sciences Vienna, Institute of Soil Research) - Maurer, Jakob (University for Continuing Education Krems, Centre for Museum Collections)
- 10:00 **DEFINING STRUCTURE OF A "CENTRAL SITE"? STRATIGRAPHY, ARCHITECTURE AND FUNCTION(S) OF THE DITCHES SURROUNDING ASPARN/SCHLETZ.**  
Pieler, Franz (State Collections of Lower Austria) - Längauer, Julia - Hascher, Cornelia - Maurer, Jakob (University for Continuing Education Krems)
- 10:15 **DISCUSSION SLOT**
- 11:00 **INDICATIONS OF A CRISIS? UPDATED EVIDENCE DRAWN FROM THE HUMAN REMAINS DISCOVERED AT ASPARN/SCHLETZ**  
Teschler-Nicola, Maria (Natural History Museum Vienna) - Novotny, Friederike - Längauer, Julia - Hascher, Cornelia - Maurer, Jakob (University for Continuing Education Krems, Centre for Museum Collections Management) - Pieler, Franz (State Collections of Lower Austria)

- 11:15 **DITCH, PIT, GRAVE: ON THE BURIAL PRACTICES IN THE SETTLEMENT OF ASPARN-SCHLETZ AND FURTHER LBK SITES IN LOWER AUSTRIA**  
Hascher, Cornelia - Längauer, Julia (University for Continuing Education Krems) - Novotny, Friederike - Teschler-Nicola, Maria (Natural History Museum of Vienna) - Pieler, Franz (State Collection of Lower Austria)
- 11:30 **THE CENTRAL POINT OF THE REGION FROM THE NEOLITHIC TO THE BRONZE AGE? SETTLEMENT AGGLOMERATION IN PLOTIŠTĚ NAD LABEM (BOHEMIA)**  
Langova, Michaela (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Schimerová, Eva (The University of Hradec Králové) - Burgert, Pavel - Adameková, Katarina (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Thér, Richard (The University of Hradec Králové) - Vokolek, Vít (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 11:45 **DISCUSSION SLOT**
- 12:00 **LARGE SETTLEMENTS AS CEREMONIAL CENTRES IN THE BRZEŚĆ KUJAWSKI CULTURE (POLISH LOWLANDS: 4350-4000 BCE)**  
Wieczaszek, Kalina (University of Gdańsk) - Pyzel, Joanna (Maria Curie-Skłodowska University in Lublin) - Czerniak, Lech (University of Gdańsk)
- 12:15 **SETTLEMENT AGGREGATION, EARTHWORKS, AND SOCIAL COMPLEXITY: PONDERING AN ARCHAEOLOGY OF RISK**  
Salisbury, Roderick (Comenius University in Bratislava; Austrian Archaeological Institute, Austrian Academy of Sciences)
- 12:30 **DISCUSSION SLOT**

### 139 UNDERSTANDING THE BROADER PICTURE: MULTI-SITE AND LONGUE DURÉE APPROACHES TO THE STUDY OF RECYCLING, REPAIR, AND SECONDARY USE IN ANTIQUITY

**Room:** 37=CU005-FL2-Ponzi I

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Intagliata, Emanuele (Università degli Studi di Milano) - Dobрева, Diana (Università degli Studi di Verona) - Barker, Simon (Ghent University)

#### ABSTRACTS

- 14:00 **WHAT'S NEXT? LONGUE DURÉE AND MULTI-SITE APPROACHES TO ECONOMIC CIRCULARITY IN ANTIQUITY**  
Intagliata, Emanuele (Università degli Studi di Milano)
- 14:15 **ENHANCING CONTINUITY: CASE STUDIES ON POTTERY ADHESIVES DURING THE QIN AND HAN DYNASTIES IN CHINA**  
Ge, Ruochen - Yang, Lu (School of Cultural Heritage, Northwest University) - Shen, Maosheng (Emperor Qin Shihuang's Mausoleum Site Museum) - Sun, Jie (Chengdu Cultural Relics and Archaeology Research Institute) - Zhou, Linlin (Qingzhou Museum)
- 14:30 **TABERNA 2 OF MIROBRIGA: CRAFT AND DOMESTIC ADAPTATIONS AND CERAMOLOGICAL EVOLUTION IN THE 5TH AND 6TH CENTURIES AD**  
Quaresma, José Carlos (Universidade Nova de Lisboa)
- 14:45 **HOW THE REUSE AND MULTIPLE-USE OF AMPHORAE AFFECTED THE CIRCULAR ECONOMY IN ROMAN TIMES**  
Dobрева, Diana (University of Verona)
- 15:00 **STONE RECYCLING IN POTTERY PRODUCTION: EXAMPLES OF SUSTAINABLE PRACTICES IN NORTHERN ITALY AND BEYOND**  
Riccatò, Anna (Ministero della Cultura, Direzione Regionale Musei Veneto)
- 15:15 **MAKING THE MOST OF WHAT YOU HAVE. LOOKING FOR ANALYTICAL EVIDENCE OF METAL RE- AND UPCYCLING DURING THE ROMAN AGE**  
Grassi, Elisa (CRN-ISPC) - Anguilano, Lorna (ETC - Brunel University London)

- 15:30 **„REUSE OF STONE CONSOLE FROM THE ROMAN LEGIONARY CAMP BURNUM**  
Jadric-Kucan, Ivana (University of Zadar) - Zaninovic, Josko (Burnum Archaeological Collection, Puljani)
- 15:45 **QUALITY THROUGH QUANTITY: TRACING REGENERATIVE CONSTRUCTION PRACTICES ACROSS URBAN NETWORKS IN LYDIA, CARIA, AND PHRYGIA**  
Kidd, Allison (Independent)
- 16:30 **DISCUSSION SLOT**

### 143 RESOURCECULTURES - SOCIO-CULTURAL DYNAMICS AND THE USE OF RESOURCES

**Room:** 43=CU013-FL1-Careri

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Session with keynote presentation and discussion

**Organisers:** Bartelheim, Martin (Universität Tübingen) - Della Casa, Philippe (Universität Zürich) - Scholten, Thomas (Universität Tübingen)

#### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **RESOURCECULTURES - SOCIO-CULTURAL DYNAMICS AND THE USE OF RESOURCES. INTRODUCTION INTO THE TOPIC**  
Bartelheim, Martin (Universität Tübingen) - della Casa, Philippe (Universität Zürich) - Scholten, Thomas (Universität Tübingen)
- 9:00 **TOPOGRAPHIC, CLIMATIC, AND DEMOGRAPHIC RESOURCES FROM A DIACHRONIC SOCIO-ENVIRONMENTAL SYSTEM PERSPECTIVE: THE CASE OF THE BERNESE SEELAND (CH)**  
Della Casa, Philippe - Blum, Jonas - Geitlinger, Timo - Griessen, Céline (University of Zurich) - Medarić, Igor (University of Zurich; University of Ljubljana)
- 9:15 **MORE THAN PILES - THE RESOURCE USE OF LATE BRONZE AGE SETTLEMENTS AT LAKE BIEL (SWITZERLAND) FROM A DENDROARCHAEOLOGICAL PERSPECTIVE**  
Blum, Jonas (University of Zurich; Archaeological Service of the Canton of Berne)
- 9:30 **THE USE AND AVOIDANCE OF RESOURCES DURING THE LATE BRONZE AND IRON AGES IN THE WESTERN MEDITERRANEAN**  
Díaz-Zorita Bonilla, Marta - Marciales Daza, Mauricio - Timm, Monice - Baten, Jörg (University of Tübingen)



- 9:45 A STUDY ON WELLBEING IN THE WESTERN MEDITERRANEAN AREA BETWEEN THE NEOLITHIC AND THE BRONZE AGE  
Tagini, Alessandra (University of Tuebingen)
- 10:00 SOCIO-CULTURAL DYNAMICS IN THE MANAGEMENT OF BARTONIAN TERTIARY FLINT IN WESTERN ÎLE-DE-FRANCE  
Brunet, Véronique (Inrap - National Institute for Preventive Archaeological Research)
- 10:15 DISCUSSION SLOT
- 11:00 WATER DYNAMICS: EXPLORING A SOCIO-CULTURAL APPROACH TO WATER MANAGEMENT FOR LONG-TERM VIABILITY IN SOUTHERN JORDAN  
Marsal, Roser (Departament de Ciències de l'Antiguitat I de l'Edat Mitjana, Universitat Autònoma de Barcelona) - Carpallo, Jesús (Independent Researcher) - Graham, Angus (Department of Archaeology and Ancient History, Uppsala University)
- 11:15 THE ORIGINS OF THE CROPS COMMODIFICATION IN A SMALL COMMUNITY. THE CASE OF THE EBA KANI SHAIE IN IRAQI KURDISTAN  
Joka, Karolina (Adam Mickiewicz University)
- 11:30 DISCUSSION SLOT

## 157 MULTIDISCIPLINARY APPROACHES TO HUMAN BEHAVIOR AND ENVIRONMENTAL DYNAMICS OF LATE EARLY PLEISTOCENE AND MIDDLE PLEISTOCENE EUROPE

**Room:** 70=CU028-FL1-Aula 3

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Cucart-Mora, Carolina (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine) - Lombao Vázquez, Diego (GEPM-AAT, Dpto. Historia, Facultade de Xeografía e Historia, USC; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; UMR7194 - HNHP, MNHN Musée de l'Homme) - Pineda, Antonio (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Mecozzi, Beniamino (Department of Earth Sciences - Paleofactory Lab, Sapienza University of Rome)

### ABSTRACTS

14:00 INTRODUCTION

14:15 UNDERSTANDING THE ENVIRONMENTAL CONTEXT OF THE FIRST HUMAN OCCUPATION OF WESTERN EUROPE DURING MIS 35-19 FROM MARINE POLLEN RECORD

Catrain, Maé - Combourieu-Nebout, Nathalie - Lebreton, Vincent (Muséum National d'Histoire Naturelle, UMR 7194, Histoire Naturelle de l'Homme Préhistorique) - Fauquette, Séverine (Institut des Sciences de L'Évolution de Montpellier, ISEM, Université de Montpellier) - Peyron, Odile - Joannin, Sébastien (Institut des Sciences de L'Évolution de Montpellier, ISEM, Université de Montpellier) - Toti, Francesco - Bertini, Adele (Dipartimento di Scienze della Terra, Università degli Studi di Firenze) - Moncel, Marie-Hélène (Muséum National d'Histoire Naturelle, UMR 7194, CNRS, Histoire Naturelle de l'Homme Préhistorique)

14:30 CLIMATE CHANGES AND SETTLEMENTS DYNAMICS IN ITALY DURING MIDDLE AND LOWER PLEISTOCENE

Villa, Valentina - Nicoud, Elisa (CNRS CEPAM UMR 7264) - Arzarello, Marta (Università degli Studi di Ferrara) - Aureli, Daniele (Arscan

Antet UMR 7041) - Pereira, Alison (Université Paris-Saclay, Geops UMR 8148) - Peresani, Marco (Università degli Studi di Ferrara) - Rocca, Roxane (Université Paris 1 Panthéon-Sorbonne, Temps UMR 8068)

**14:45 THE ITALIAN PENINSULA: A KEY ZONE TO UNDERSTAND THE ANCIENT PREHISTORY EVOLUTION IN THE MEDITERRANEAN AREA**

Rocca, Roxane (Université Paris 1 Panthéon-Sorbonne, UMR 8068 Temps) - Arzarello, Marta (Università degli Studi di Ferrara) - Aureli, Daniele (UMR 7041 Arscan Antet) - Nicoud, Elisa (CNRS, UMR 7264 CEPAM) - Pereira, Alison (Université Paris-Saclay, UMR 8148 Geops) - Peresani, Marco (Università degli Studi di Ferrara) - Villa, Valentina (UMR 7264 CEPAM)

**15:00 ZOOARCHAEOLOGICAL REVIEW OF THE LOWER PALEOLITHIC AND EARLY MIDDLE PALEOLITHIC IN BELGIUM**

Dedrie, Tristan (Archeos: Research Laboratory for Biological Anthropology, Department of Archaeology, Ghent University; Research Foundation – Flanders) - Abrams, Grégory (Archeos: Research Laboratory for Biological Anthropology, Department of Archaeology, Ghent University; Scientific Department, Espace Muséal d'Andenne) - di Modica, Kévin (Scientific Department, Espace Muséal d'Andenne) - de Groote, Isabelle (Archeos: Research Laboratory for Biological Anthropology, Department of Archaeology, Ghent University)

**15:15 THE MAMMAL FOSSILS FROM THE MIDDLE PLEISTOCENE SITE OF NOTARCHIRICO (VENOSA, SOUTHERN ITALY)**

Mecozzi, Beniamino (Department of Earth Sciences (Paleofactory, Sapienza University of Rome) - Iannucci, Alessio (Department of Geosciences, Section of Terrestrial Palaeoclimatology, Eberhard-Karls-University Tübingen) - Carpentieri, Marco (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Pineda, Antonio (UMR 7194 HNHP, MNHN-CNRS-UPVD, Département Homme et Environnement, Muséum National d'Histoire Naturelle; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Sardella, Raffaele (Department of Earth Sciences (Paleofactory, Sapienza University of Rome) - Moncel, Marie-Hélène (UMR 7194 HNHP, MNHN-CNRS-UPVD, Département Homme et Environnement, Muséum National d'Histoire Naturelle)

**15:30 WHEN AN ELEPHANT DIES ALONG A STREAM: THE CASE STUDY OF THE MIDDLE PLEISTOCENE SITE OF CASAL LUMBROSO (CENTRAL ITALY)**

Mercurio, Stefano (Dipartimento di Scienze Delle Antichità, Sapienza Università di Roma) - Alhaique, Francesca (Museo Delle Civiltà) -

Spinapolice, Enza (Dipartimento di Scienze Delle Antichità, Sapienza Università di Roma) - Argento, Alessia (Soprintendenza Speciale Archeologia Belle Arti e Paesaggio di Roma, Ministero della Cultura) - Fiore, Ivana (Museo Delle Civiltà; Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Giaccio, Biagio - Giustini, Francesca (Consiglio Nazionale Delle Ricerche (CNR, Istituto di Geologia Ambientale e Geoingegneria) - Lemorini, Cristina (Dipartimento di Scienze Delle Antichità, Sapienza Università di Roma) - Sardella, Raffaele - Mecozzi, Beniamino (Dipartimento di Scienze della Terra (Paleofactory, Sapienza Università di Roma)

**15:45 DISCUSSION SLOT**

**16:30 TRACKING TECHNOLOGICAL INNOVATIONS DURING LATE-EARLY PLEISTOCENE: INSIGHTS FROM THE EARLY ACHEULEAN ASSEMBLAGE OF EL BARRANC DE LA BOELLA (TARRAGONA, SPAIN)**

Lombao, Diego (GEPM-AAT, Dpto. Historia, Facultade de Xeografía e Historia, Usc; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; UMR7194 Histoire Naturelle de l'Homme Préhistorique (Hnhp, Museum National d'Histoire Naturelle - MNHN, CNRS, Université Perpignan, Alliance Sorbonne Université, - Musée de L'Homme) - Morales, Juan Ignacio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Mosquera, Marina - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Saladié, Palmira - Vallverdú, Josep (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art; Unit Associated To CSIC, Departamento de Paleobiología, Museo Nacional de Ciencias Naturales (Mncn, Consejo Superior de Investigaciones Científicas (CSIC))

**16:45 UNRAVELING THE EARLIEST OCCUPATIONS OF WESTERN EUROPE: A BOTTOM-UP MODELING APPROACH**

Cucart-Mora, Carolina (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine) - Reschke, Jan-Olaf (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine; Institute for Ecology, Evolution and Diversity, Goethe University; Roceeh Research Centre, Senckenberg Research Institute) - Hall, Harry (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine; Department of Archaeology, Classics and Egyptology, University of

Liverpool) - Longborg, Kamilla (CNRS UMR 5602 Geode Géographie de l'Environnement, Maison de la Recherche, Université Toulouse 2 Jean Jaurès) - Hertler, Christine (Roceeh Research Centre, Senckenberg Research Institute) - Grove, Matt (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Saqalli, Mehdi (CNRS UMR 5602 Geode Géographie de l'Environnement, Maison de la Recherche, Université Toulouse 2 Jean Jaurès) - Moncel, Marie-Hélène (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine)

17:00

#### ENVIRONMENTAL DRIVERS OF HOMININ DISPERSAL PATTERNS DURING THE EARLY-MIDDLE PLEISTOCENE TRANSITION – A METHODOLOGICAL ENQUIRY

Lomborg, Kamilla (CNRS UMR 5602 Geode Géographie de l'Environnement, Maison de la Recherche, Université Toulouse II Jean Jaurès) - Cucart-Mora, Carolina (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine) - Hall, Harry (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine; Department of Archaeology, Classics and Egyptology, University of Liverpool) - Reschke, Jan-Olaf (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine; Institute for Ecology, Evolution and Diversity, Goethe University; Roceeh Research Centre, Senckenberg Research Institute) - Grove, Matt (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Hertler, Christine (Roceeh Research Centre, Senckenberg Research Institute) - Gaudou, Benoit (Institut de Recherche En Informatique de Toulouse, Université Toulouse I Capitol) - Saqalli, Mehdi (CNRS UMR 5602 Geode Géographie de l'Environnement, Maison de la Recherche, Université Toulouse II Jean Jaurès) - Moncel, Marie-Hélène (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine)

17:15

#### THE GOOD, THE BAD AND THE HUNGRY: USING AGENT-BASED MODELS TO PREDICT HOMININ MOVEMENT AND SURVIVAL

Reschke, Jan-Olaf (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine; Roceeh Research Centre, Senckenberg Research Institute; Institute for Ecology, Evolution and Diversity, Goethe University) - Cucart-Mora, Carolina (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine) - Lomborg, Kamilla (CNRS UMR 5602 Geode Géographie de l'Environnement, Maison de la Recherche, Université Toulouse II Jean Jaurès) - Hall, Harry (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de

Paleontologie Humaine; Department of Archaeology, Classics and Egyptology, University of Liverpool) - Saqalli, Mehdi (CNRS UMR 5602 Geode Géographie de l'Environnement, Maison de la Recherche, Université Toulouse II Jean Jaurès) - Grove, Matt (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Hertler, Christine (Roceeh Research Centre, Senckenberg Research Institute; Roceeh Research Centre, Heidelberg Academy of Sciences and Humanities) - Moncel, Marie-Hélène (CNRS UMR 7194 HNHP, National Museum of Natural History, Institut de Paleontologie Humaine)

17:30

DISCUSSION SLOT

17:45

DISCUSSION SLOT

### 160 MYSTERIOUS MUD: A TRANSVERSAL APPROACH TO INTERPRETING UNSOLVED EARTHEN REMAINS

**Room:** 4=CU003-BAS-Auletta

**Time:** 16:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Session with presentation of 6 slides in 6 minutes

**Organisers:** Sánchez Polo, Alejandra (Universidad de Valladolid) - Mateu, Marta (Institut Català d'Arqueologia Clàssica) - Ruano Posada, Lucía (Universidad Complutense de Madrid) - Pastor Quiles, María (Universidad de Alicante) - Péfau, Pierre (École Française de Rome)

#### ABSTRACTS

16:30 INTRODUCTION

16:42 UNICORNS AND LEAF IMPRESSIONS: INTERPRETING SHAPES OF BURNT DAUB PIECES FROM THE CARPATHIAN BASIN IN THE BRONZE AGE  
Anvari, Jana (University of Cologne)

16:48 MUD AND POTTERY ALLIANCES IN ARCHAEOLOGICAL AND ETHNOGRAPHIC CONTEXTS. COMPARATIVE INSIGHTS FROM EGYPT TO THE IBERIAN PENINSULA  
Correas-Amador, María (Independent Researcher) - Pastor-Quiles, María (University of Alicante)

16:54 INTERPRETING 4TH MILLENNIUM BCE DAUB FINDS FROM WESTERN VOLHYNIA (SE POLAND).  
Szutenberg, Zofia (Maria Skłodowska Curie University)

- 17:00 **STRANGE MUD REMAINS FROM THE NORTH OF IBERIA BETWEEN THE LATE BRONZE AGE AND EARLY IRON AGE (C. XIV-VI BC)**  
Sánchez Polo, Alejandra (Universidad de Valladolid) - Ruano-Posada, Lucía (Universidad Complutense de Madrid)
- 17:06 **THE „BLOB“: A VITRIFIED COLLAPSE OF A RAW EARTH STRUCTURE**  
Sgromo, Maria Teresa (Università di Pisa)
- 17:12 **REPORT OF THE EARLY ARCHAEOLOGICAL EXCAVATIONS AND NEW DATA IN THE SO-CALLED BOSCO LITTORIO AREA.**  
Panvini, Rosalba (Università di Catania) - Ferrara, Bianca (Università degli Studi di Napoli Federico II)
- 17:18 **FROM THE HEARTH: DIFFERENTIATING COMBUSTION SURFACES FROM OTHER HARDENED FLAT EARTHEN FRAGMENTS**  
Mateu, Marta (ICAC - Catalan Institute of Classical Archaeology) - Belarte, Maria Carme (ICREA- Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Pastor Quiles, María (University of Alicante) - Saorin, Carme (GRAP - Grup de Recerca En Arqueologia Protohistòrica, IAUB (Institut d'Arqueologia de la Universitat de Barcelona)
- 17:24 **THE MICROARCHAEOLOGY OF SUBMERGED EARTHEN MATERIALS: THE UNKNOWN REMAINS FROM LA MARMOTTA, ROME**  
Pejoan-Quiroga, Sofia (Institució Milà i Fontanals, Spanish National Research Council; University of Barcelona) - Mateu, Marta (Catalan Institute of Classical Archaeology) - Portillo, Marta (Institució Milà i Fontanals, Spanish National Research Council) - Ibáñez-Insa, Jordi (Geosciences Barcelona, Spanish National Research Council) - Quevedo-Semperena, Izaro (Institució Milà i Fontanals, Spanish National Research Council) - Cubas, Miriam (University of Alcalá) - Remolins, Gerard (Regirarocs S.L., Research, Conservation and Dissemination. Cultural and Natural Heritage of the Pyrenees) - Mazzucchi, Niccolò (Università di Pisa) - Pineo, Mario (Museo Delle Civiltà, Museo Nazionale Preistorico Etnografico “L. Pigorini”, Rome) - Gibaja, Juan (Institució Milà i Fontanals, Spanish National Research Council)
- 17:30 **DIRTY PREHISTORIES: PHOSPHATE MAPPING AND MICROMORPHOLOGICAL ANALYSES OF A LA TÈNE PERIOD BUILDING IN BIRGITZ (TYROL, AUSTRIA)**  
Prackwieser, Isabella - Cereda, Susanna - Müller, Florian - Trebsche, Peter (University of Innsbruck)

- 17:36 **EXPLORING MUD BRICKS IN THE EARLY BRONZE AGE III AT TELL ES-SÂFI/GATH: A MULTIDISCIPLINARY STUDY OF DOMESTIC ARCHITECTURE**  
Wang, Jiamin - Greenfield, Haskel (University of Manitoba, Department of Anthropology and Near Eastern and Biblical Archaeology Lab) - Maeir, Aren (Bar-Ilan University, the Martin (Szusz) Department of Land of Israel Studies and Archaeology)
- 17:42 **DISCUSSION**

## 182 **INVISIBLE OR HARD TO SEE: NON-BURIAL TREATMENT OF THE DEAD IN THE ARCHAEOLOGICAL RECORD**

- Room:** 65=CU022-FLG-Giacomini  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Klevnäs, Alison (Uppsala University) - Brownlee, Emma (University of Cambridge) - Bergerbrant, Sophie (Uppsala University)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **PRIMATE PERSPECTIVES: USING PRIMATOLOGY TO AID THE ARCHAEOLOGICAL RECORD IN UNDERSTANDING NON-BURIAL MORTUARY BEHAVIOR OF EARLY HOMINIDS.**  
Ford, Jay (Durham University)
- 9:00 **REST IN PEACE OR RESTS IN PIECES? NEW DATA ON THE MORTUARY PRACTICES OF THE LAST HUNTER-GATHERERS IN BELGIUM**  
Glas, Clémence (Paris 1 Panthéon-Sorbonne University; UMR 8068 Temps) - Polet, Caroline (Operational Directorate Earth and History of Life; Royal Belgian Institute of Natural Sciences)
- 9:15 **THE ARCHEOLOGY OF DEATH IN NEOLITHIC SICILY**  
Giannitrapani, Enrico (Arkeos - Servizi Integrati Per I Beni Culturali S.C; Confederazione Italiana Archeologi - Sicilia; Dipartimento Culture e Società, Università di Palermo)
- 9:30 **GONE AND FORGOTTEN? TOMBLESS DEAD IN THE LINEARBANDKERAMIK CULTURE IN THE ALSACE PLAIN (CA. 5300-4950 BC)**  
Walldvogel, Laura (University of Strasbourg, UMR 7044)

- 9:45 REVISITING "ANOMALOUS" BURIAL PRACTICES: A CROSS-CULTURAL PERSPECTIVE  
Cvecek, Sabina (Field Museum of Natural History; Austrian Academy of Sciences)
- 10:00 WHERE DO BURIAL PRACTICES BEGIN AND END? VARIABILITY IN THE TREATMENT OF THE DEAD AT AN EARLY BRONZE AGE SITE.  
Verdianu, Domnika (Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Prehistoric and Historical Archaeology, University of Vienna)
- 10:15 DISCUSSION SLOT
- 11:00 HUMAN REMAINS OUTSIDE FUNERARY CONTEXTS IN BRONZE AGE CRETE  
Kiorpe, Sotiria (Aristotle University of Thessaloniki)
- 11:15 A DATE WITH DESTINY: FORGOTTEN OR REMEMBERED HUMAN REMAINS IN SCANDINAVIAN WETLANDS  
Bergerbrant, Sophie (Uppsala University)
- 11:30 INVISIBLE DEAD - VISIBLE RITUALS. ANALYZING THE FUNERARY RITES AND RITUALS IN LATE IRON AGE TRANSYLVANIA (ROMANIA)  
Rustoiu, Aurel (Institute of Archaeology and History of Arts Romanian Academy Cluj-Napoca)
- 11:45 HEADS ON DISPLAY AND BODIES LOST  
Wählin, Sidsel (Vesthimmerlands Museum)
- 12:00 HUMAN REMAINS FROM "NON-BURIAL" CONTEXTS SUCH AS WETLANDS  
Pantmann, Pernille (Museum of North Zealand, Denmark)
- 12:15 ANCIENT REOPENING IS WIDESPREAD IN BOTH TIME AND SPACE: RITUALLY RE-ENTERED GRAVES IN SOUTHWESTERN DENMARK THROUGHOUT THE IRON AGE  
Qvistgaard, Sarah (Museum Vest)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT
- 14:00 CREMATED, CURATED, OR CAST ASIDE: EXPLORING THE COMPLEX MORTUARY PRACTICES OF IRON AGE BRITAIN  
Legge, Michael (University of York)
- 14:15 SELECTIVE FUNERARY RITUAL IN SOUTH-EAST BRITANNIA: KINSHIP AND TRIBAL CONTINUITY IN AN IMPERIAL PERIPHERY?  
Weekes, Jake (Canterbury Archaeological Trust)
- 14:30 WHERE IS EVERYBODY? THE UNBURIED DEAD IN EARLY MEDIEVAL ENGLAND  
Klevnäs, Alison (Uppsala University)

- 14:45 SOME OF THEM ARE HERE. THE ACCIDENTALLY PRESERVED DEAD IN EARLY MEDIEVAL ENGLAND  
Brownlee, Emma (University of Cambridge)
- 15:00 TEETH AS MATERIAL CULTURE: RITUAL DEPOSITION OF TEETH IN IRON AGE SCANDINAVIA  
Tollefsen, Emma - Eriksen, Marianne (University of Leicester; ERC Stg ,Body-Politics')
- 15:15 THE BODY IN PIECES: ATTITUDES TOWARDS THE DISPLAY AND RETENTION OF HISTORICAL FLUID PRESERVED SPECIMEN COLLECTIONS.  
Sutton-Butler, Aoife (University of Bradford)
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT

### 184 ARCHAEOLOGY OF FOODWAYS: TOWARDS A CROSS-CULTURAL COMPARATIVE PERSPECTIVE

**Room:** 3=CU003-BAS-Partenone

**Time:** 8:30 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Wang, Jiajing (Dartmouth College) - Parque, Óscar (Cases (Culture, Archaeology and Socio-Ecological Dynamics; Pompeu Fabra University, Barcelona) - di Matteo, Martina (Sapienza University of Rome) - Li, Weiya (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art; University of Science and Technology of China) - Jiménez-Arteaga, Carolina (Cases (Culture, Archaeology and Socio-Ecological Dynamics; Pompeu Fabra University, Barcelona)

### ABSTRACTS

- 8:30 MAGDALENIAN BUTCHERY TECHNIQUES BEYOND A NATURALISTIC PERSPECTIVE  
Birouste, Clément (TRACES UMR 5608 Université Toulouse Jean Jaurès)
- 8:45 GLIMPING ETRUSCAN FOODWAYS: DAILY PRACTICES AND FOOD RITUALS IN PYRGI, PORT OF CAERE  
Servoli, Sofia (Sapienza Università di Roma)

- 9:00 **FOOD FOR HUMANS AND FOOD FOR GODS: CASE STUDIES FROM POMPEII (1ST CENTURY AD)**  
Corbino, Chiara Assunta - Comegna, Chiara - Amoretti, Valeria - Zuchtriegel, Gabriel (Pompeii Archaeological Park)
- 9:15 **FOODWAYS THROUGH TIME. A ZOOARCHAEOLOGICAL PERSPECTIVE FROM SW LIBYA**  
Alhaique, Francesca (Museo Delle Civiltà) - di Matteo, Martina (The Archaeological Mission in the Sahara, Department of Ancient World Studies - Sapienza University of Rome) - Rotunno, Rocco (The Archaeological Mission in the Sahara, Department of Ancient World Studies - Sapienza University of Rome; McDonald Institute for Archaeological Research, University of Cambridge) - di Lernia, Savino (The Archaeological Mission in the Sahara, Department of Ancient World Studies - Sapienza University of Rome; Gaes, University of Witwatersrand)
- 9:30 **POST DOMESTICATION BODY SIZE OF CATTLE FROM LATE NEOLITHIC TO LATE BRONZE AGE: COMPARATIVE STUDY BETWEEN CHINA AND EUROPE**  
Yu, Chong (Sun Yat-Sen University)
- 9:45 **THE LAST MEAL OF A SACRIFICED HORSE IN XINJIANG**  
Ge, Yong (Institute of Vertebrate Paleontology and Paleoanthropology (IVPP, Chinese Academy of Sciences (CAS)
- 10:00 **FOOD RESIDUES FROM DENTAL CALCULUS REVEAL HUMAN-PIG COMMENSALISM 8000 YEARS AGO IN THE LOWER YANGTZE RIVER OF CHINA**  
Wang, Jiajing (Dartmouth College)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FLAVOURS OF URBANISM: EXPLORING THE INDUS CIVILIZATION CUISINE IN BRONZE AGE SOUTH ASIA**  
Madella, Marco (Universitat Pompeu Fabra; ICREA) - Suryanarayan, Akshyeta (University of Cambridge) - Jiménez-Arteaga, Carolina - Parque, Óscar (Universitat Pompeu Fabra) - Lancelotti, Carla (Universitat Pompeu Fabra; ICREA) - Abro, Tasleem (Shah Abdul Latif University) - Chandio, Amin (Aror University of Art, Architecture, Design and Heritage)
- 11:15 **SCIENTIFIC INVESTIGATION OF ARCHAEOLOGICAL BREAD-LIKE OBJECTS DISCOVERED AT DACIAN SITES IN THE TRANSYLVANIAN REGION, ROMANIA**  
Beatrice, Ciuta („1 Decembrie 1918” University Alba Iulia)
- 11:30 **RITUAL FEASTING AND THE CONSTRUCTION OF CULTURAL IDENTITY: THE DISPERSAL OF PROTO SINO-TIBETAN POPULATIONS IN NEOLITHIC CHINA**  
Liu, Li (Stanford University)

- 11:45 **DRINKING WINE IN BEER COUNTRY: A LOOK INTO EARLY BRONZE AGE NORTHERN MESOPOTAMIAN ALCOHOL PRACTICES DURING SOCIO-POLITICAL COLLAPSE AND TRANSITION**  
Heale, Michaela (Independent Researcher; University of Edinburgh Alumna)
- 12:00 **WHAT'S IN A RECIPE?: APPLYING LESSONS FROM HISTORICAL ARCHAEOLOGY TO THE STUDY OF PREHISTORIC CUISINES**  
Johnakin, Anne (University of Oxford)
- 12:15 **BILMA- A MENU FOR THE CENTRAL SAHARA. PRESENT-DAY AND LATE PLEISTOCENE/HOLOCENE FOOD RESOURCES AND FOOD STRATEGIES**  
Schulz, Erhard (Institut für Geographie und Geologie Universität Würzburg) - Adamou, Aboubacar (Département de Géographie Uam Niamey République du Niger)
- 12:30 **A MEAL FOR THE DEAD AND FOR THE LIVING. REFLECTIONS ON FOOD IN FUNERAL AND SETTLEMENT CONTEXTS**  
Józefowska-Domanska, Anna (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 12:45 **DISCUSSION SLOT**
- 14:00 **PROTEOMICS OF ANCIENT SUBSISTENCE**  
Wilkin, Shevan (University of Zurich)
- 14:15 **FOODS FOR AFTERLIFE FROM THE BURIALS OF DHANETI, GUJARAT, INDIA: NEW LIGHT ON THE HARAPPAN MORTUARY ARCHAEOLOGY OF SOUTH ASIA**  
Ghosh, Ahana (Indian Institute of Technology-Gandhinagar)
- 14:30 **ORGANIC RESIDUE ANALYSIS AT THE TRANSITION TO THE IRON AGE IN SOUTH IBERIA**  
Revert Francés, Elena (Eberhard Karls Universität Tübingen)
- 14:45 **A PALEOPROTEOMIC CASE-STUDY ON MEDIEVAL COOKING: THE "PIETRA OLLARE" VESSELS FROM NOGARA (VERONA, ITALY)**  
Monaco, Dario (University of Verona, Department of Cultures and Civilizations) - Brandi, Jessica (University of Verona, Department of Biotechnology) - Sorio, Daniela (University of Verona, Centro Pi-attaforme Tecnologiche) - Cecconi, Daniela (University of Verona, Department of Biotechnology) - Saggioro, Fabio (University of Verona, Department of Cultures and Civilizations)

- 15:00 THE EASTWARD SPREAD OF GRAPE WINE AND ITS SINICIZATION --  
ARCHAEOLOGICAL EVIDENCE FROM THE NORTHWEST REGION OF THE TANG  
DYNASTY  
Li, Jingpu (Department of East Asian Languages and Cultures,  
Stanford University; Department of Archaeology and Anthropology,  
University of Chinese Academy of Sciences)
- 15:15 LIFTING THE LID ON THE HEBRIDEAN NEOLITHIC: USING ORGANIC RESIDUE  
ANALYSIS TO RECONSTRUCT FOODWAYS IN THE OUTER HEBRIDEAN SOCIAL  
LANDSCAPE.  
Brown, Daniel - Cramp, Lucy (University of Bristol) - Garrow, Duncan  
(University of Reading)
- 15:30 THE USE OF APTAMERS IN THE ANALYSES OF FOOD RESIDUES ON ARCHAEOLOGICAL  
CERAMICS. INTERPRETING THE CUISINE OF EARLY MEDIEVAL PTUJ.  
Magdic, Andrej (Cultural Heritage Service, Institute for the Protection  
of Cultural Heritage of Slovenia) - Kosel, Janez (Research Institute,  
Institute for the Protection of Cultural Heritage of Slovenia)
- 15:45 DISCUSSION SLOT

**226 MARITIME HETEROTOPIAS: NOVEL INSIGHTS INTO THE  
ARCHAEOLOGY OF MARITIME CULTURAL LANDSCAPES IN THE  
MEDITERRANEAN AND BEYOND**

**Room:** 62=CU022-EXT-Aula E  
**Time:** 14:00 - 18:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Nakas, Ioannis (Centre of Hellenic Studies, Harvard University) -  
Krieger, Anja (Independent Researcher)

**ABSTRACTS**

- 14:00 IRRESISTIBLE ANALOGIES AND UNIVERSAL ADAPTORS: NEGOTIATING UNFAMILIAR  
LANDSCAPES AND MARITIME INTERCULTURAL CONTACT IN THE BRONZE AND IRON  
AGE MEDITERRANEAN  
Yasur-Landau, Assaf (University of Haifa)
- 14:15 DESOLATE SHORES: LATE BRONZE AGE AEGEAN HARBOURS AS HETEROTOPIAS  
Fuller, Elliott (University of Toronto)

- 14:30 THE HARBOURS OF THE GRECO-ROMAN ANTIQUITY AS HETEROTOPIAS. A NEW  
APPROACH ON THE HARBOUR REALITIES OF ANTIQUITY  
Nakas, Ioannis (Centre of Hellenic Studies, Harvard University)
- 14:45 SETTLEMENT DEVELOPMENT AND LAKE-LEVEL CHANGES OF THE LAKE OF TIBERIAS,  
ISRAEL: PRELIMINARY RESULTS OF THE SOUTH TIBERIAS LAKE AREA PROJECT  
Nantet, Emmanuel (University of Haifa)
- 15:00 UNITY AND DIVERSITY IN THE MARITIME CULTURAL WORLD OF THE LATE BRONZE  
AND EARLY IRON AGE EASTERN MEDITERRANEAN  
Hulin, Linda (University of Oxford)
- 15:15 MARITIMITY AND THE EMOTIONS OF THE SEA IN MYCENAEAN GREECE  
Macdonald, Max (University of Southampton)
- 15:30 SINOPE AND SISTER COLONIES NEXUS: EXPLORING MARITIME HETEROTOPIAS AND  
CULTURAL INTERCONNECTEDNESS IN THE BLACK SEA THROUGH COMMON COIN  
TYPES.  
Mentesidou, Eleni (International Hellenic University)
- 15:45 DISCUSSION SLOT
- 16:30 HETEROTOPIAS OF THE COASTLINE: DYNAMICS OF TRANSFORMATION IN THE  
MEDITERRANEAN COASTAL LANDSCAPE THROUGH A RESEARCH PROJECT ON  
ROMAN MARITIME VILLAS  
Cataldo, Concetta (Università di Catania)
- 16:45 DIGITAL ECOSYSTEM FOR MARITIME CULTURAL LANDSCAPE RECONSTRUCTION IN  
SOUTH-EASTERN SICILY  
Martinez, Gianluca (Università degli Studi di Bari Aldo Moro)
- 17:00 PIRATE SHIPS AS HETEROTOPIC SPACES: TRANSFORMING DYSTOPIAN-SCAPES IN  
THE 12TH CENTURY BCE  
Hitchcock, Louise (Independent Researcher)
- 17:15 THE HETEROTOPIA OF DOLIA CERAMIC VESSELS: A REASSESSMENT OF THEIR  
MARITIME ROUTES AND HISTORY  
Iossifidis, Thomas (University of Thessaly)
- 17:30 MARITIME CULTURAL LANDSCAPE OF THE BAY OF KOTOR. CASE STUDY: SHIP  
GRAFFITI FROM ST. TRYPHON'S CHURCH  
Celebic, Jelena (Koc University)
- 17:45 THE MULTIPLE HETEROTOPIAS OF A SHIPWRECK SITE: THE CASE OF THE NISSIA  
SHIPWRECK, CYPRUS  
Demetriou-Patsalidou, Anna (Cyprus Marine and Maritime Institute  
(Cmmi) - Demesticha, Stella (University of Cyprus)

- 18:00 **TALES OF DISCOVERY: DEVELOPING NEW NARRATIVES THROUGH DIGITAL TWINS AND OPEN LINKED DATA**  
Pink, Jack - Pedrotti, Felix (Southampton Marine and Maritime Institute, University of Southampton) - Hammant, Henrietta (Department of Archaeology, University of Reading) - Grant, Michael (Ocean and Earth Science, National Oceanography Centre, University of Southampton)
- 18:15 **DISCUSSION SLOT**

**247 ESSENTIAL OR ESSENTIALIST: SEX AND GENDER CATEGORIES IN ARCHAEOLOGICAL INTERPRETATION**

- Room:** 25=CU002-FL1-Aula V  
**Time:** 16:30 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Round table  
**Organisers:** Arnold, Bettina (University of Wisconsin Milwaukee) - Rebay Salisbury, Katharina (University of Vienna)

**248 LITHICS, FAUNA: LET THEM REFIT!**

- Room:** 57=CU033-FL4-Aula 6  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Lamotte, Agnes (University of Lille France) - Wenban-Smith, Francis (University of Southampton) - Mathias, Cyrielle (Institute of Archaeology, Tel Aviv University)

**ABSTRACTS**

- 8:30 **INTRODUCTION**
- 8:45 **CONTRIBUTION OF LITHIC AND BONE REFITS TO THE COMPREHENSION OF OCCUPATIONAL LEVELS AT LA CAUNE DE L'ARAGO (TAUTAVEL, FRANCE)**  
Capellari, Félicien (Muséum National d'Histoire Naturelle, HNHP, UMR 7194) - Giuliani, Carla (Aix Marseille Université, CNRS, Ministère de la Culture, Lampea, UMR 7269) - Grégoire, Sophie (Muséum National d'Histoire Naturelle, HNHP, UMR 7194; Université de Perpignan) - Magniez, Pierre (Aix Marseille Université, CNRS, Ministère de la Culture, Lampea, UMR 7269) - Moigne, Anne-Marie

(Muséum National d'Histoire Naturelle, HNHP, UMR 7194) - de Lumley, Henry (Institut de Paléontologie Humaine)

- 9:00 **BETWEEN FLINT AND MAMMAL BONE REFITS: A DOUBLE SPATIAL MIKADO GAME AT CAGNY-L'ÉPINETTE.**  
Peudon, Floriane (Aix Marseille University, CNRS, Lampea, UMR 7269) - Lamotte, Agnès (University of Lille, CNRS, Halma, UMR 8164)

- 9:15 **BEYOND LAYERS: UNDERSTANDING DEPOSITIONAL AND POST-DEPOSITIONAL PROCESSES IN MAS DES CAVES (MIDDLE PLEISTOCENE, FRANCE) THROUGH BONE AND LITHIC REFITS**  
Giuliani, Carla (Aix-Marseille Université, CNRS, Minist. Culture, Lampea, UMR 7269) - Mathias, Cyrielle (Centre de Recherche Français À Jérusalem (CRFJ, Umr 3132; Muséum National d'Histoire Naturelle - MNHN, CNRS, HNHP, UMR 7194) - Magniez, Pierre - Brugal, Jean-Philip (Aix-Marseille Université, CNRS, Minist. Culture, Lampea, UMR 7269)

- 9:30 **RECONSTRUCTING NEANDERTHAL LEARNING PROCESSES OF QUINA LITHIC EXPLOITATION THROUGH REFITTED EXPERIMENTAL ASSEMBLAGES AND ARCHAEOLOGICAL REMAINS FROM DE NADALE CAVE, ITALY**  
Cattabriga, Gloria - Bargallo Ferrerons, Amelia (IPHES, Institut Català de Paleoecologia Humana i Evolució Social, Universitat Rovira i Virgili) - Delpiano, Davide (University of Ferrara) - Livraghi, Alessandra (TRACES UMR5608, Université Jean Jaures) - Palomo, Antoni (Universitat Autònoma de Barcelona) - Peresani, Marco (University of Ferrara)

- 9:45 **MULTISCALE REFITTING TO ASSESS LARGE OPEN-AIR SITES DURING THE MIDDLE PALAEOLITHIC: THE EXAMPLE OF ROUTE DE BRIAL - LIUNET (FRANCE)**  
Viallet, Cyril (Paléotime / HNHP) - Mathias, Cyrielle (HNHP/ CRFJ) - Vaissié, Erwan (Paléotime / Arscan-Antet) - Fernandes, Paul (Paléotime / Temps) - Rué, Mathieu (Paléotime / ASM)

- 10:00 **UNEXPECTED REFITTINGS IN THE LEVALLOIS WORKSHOP OF SAINS-EN-AMIÉNOIS (HAUTS-DE-FRANCE)**  
Tuffreau, Alain - Lamotte, Agnès (University of Lille, UMR 8164 Halma, CNRS) - Marcy, Jean-Luc (Maison de l'Archéologie, Dainville)

- 10:15 **DISCUSSION SLOT**

- 11:00 **IUP BOHUNICIAN TECHNOLOGY AND REFITTING OF ITS LITHIC ELEMENTS**  
Škrdla, Petr (Institute of Archaeology of the CAS, Brno)



- 11:15 **REFITTINGS IN THE EPONYMOUS OPEN-AIR SITE OF SAJÓBÁBONY (BÁBONYIAN) (HUNGARY) : A KEY TECHNIQUE TO RESOLVE ARCHAEOLOGICAL PROBLEMATICS**  
Lamotte, Agnes (University of Lille, UMR 8164 Halma, CNRS) - Mester, Zsolt (University of Budapest; UMR 7194 HNHP, Paris)
- 11:30 **USING REFIT STUDIES TO IDENTIFY SITE FORMATION PROCESSES AND LITHIC PRODUCTION CONCEPTS IN THE AURIGNACIAN OF GEISSENKLÖSTERLE CAVE**  
Schray, Svenja (University of Tübingen) - Conard, Nicholas (University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment)
- 11:45 **FROM LAUREL TO SPLINTERS: THE DETAILED BIOGRAPHY OF A LARGE-SIZED LAUREL LEAF PREFORM**  
Gomes de Almeida, Miguel (Morph / Grupo Dryas; UNIARQ - Centro de Arqueologia da Universidade de Lisboa; Serap Claise – Société d'Études et Recherches Sur Le Paléolithique de la Vallée de la Claise) - Aubry, Thierry (FCP - Fundação Côa Parque; UNIARQ - Centro de Arqueologia da Universidade de Lisboa; Serap Claise – Société d'Études et Recherches Sur Le Paléolithique de la Vallée de la Claise) - Walter, Bertrand (Serap Claise – Société d'Études et Recherches Sur Le Paléolithique de la Vallée de la Claise)
- 12:00 **CONNECTIONS IN TWO SHORES: LITHIC TAPHONOMY OF MAGDALENIAN ASSEMBLAGES FROM THE ATLANTIC AND MEDITERRANEAN FAÇADES OF IBERIA**  
Bel, Miguel Ángel (PREMEDOC-Giuv2015-213, Departament de Prehistòria, Arqueologia i Historia Antiga, Universitat de València; UNIARQ-Centro de Arqueologia da Universidade de Lisboa, Faculdade de Letras de Lisboa, Universidade de Lisboa) - Zilhão, João (UNIARQ-Centro de Arqueologia da Universidade de Lisboa, Faculdade de Letras de Lisboa, Universidade de Lisboa) - Villaverde, Valentín (PREMEDOC-Giuv2015-213, Departament de Prehistòria, Arqueologia i Historia Antiga, Universitat de València)
- 12:15 **INVESTIGATING TECHNICAL BEHAVIOUR AND SITE FORMATION PROCESSES THROUGH LITHIC REFITTINGS FROM COVA GRAN DE SANTA LINYA (NORTHEASTERN IBERIA)**  
Sánchez Martínez, Javier (CEPAP-UAB - Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria, Universitat Autònoma de Barcelona; ICArEHB - Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve; IPHES-CERCA, Institut Català de Paleoecologia Humana i Evolució Social) - Martínez Moreno, Jorge - Mora, Rafael (CEPAP-UAB - Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria, Universitat Autònoma de Barcelona)

- 12:30 **HOW TO MAKE A BIG BLADE? A CONTRIBUTION FROM MIDDLE MAGDALENIAN REFITS AT VILLAZETTE (CREYSSE, DORDOGNE)**  
Bocquel, Manon (CNRS UMR 5199 PACEA, Université de Bordeaux) - Beauvais, Pierre-Antoine (Fyssen Post-Doctoral Fellow University of Cape Town; UMR 5608 Traces, Université Toulouse Jean-Jaurès) - Dijkstra, Lukas (UMR 5608 Traces, Université Toulouse Jean-Jaurès) - Dachary, Morgane (Sra Nouvelle-Aquitaine; UMR 5608 Traces) - Delvigne, Vincent (CNRS, UMR 8068 Temps, Université Paris Nanterre; Service de Préhistoire, Université de Liège) - Langlais, Mathieu (CNRS UMR 5199 PACEA, Université de Bordeaux)
- 12:45 **DISCUSSION SLOT**
- 14:00 **REFINING CULTURAL FRAMEWORKS THROUGH DEMONSTRATION OF TYPOLOGICAL AND TECHNOLOGICAL ASSOCIATIONS BY REFITTING: A LATE LAST GLACIAL CASE-STUDY FROM SOUTHEAST BRITAIN**  
Wenban-Smith, Francis (University of Southampton)
- 14:15 **LITHICS & FAUNA REMAINS OF PIT 6, MEZHYRICH SITE: WHAT DO THE PALAEOLITHIC HOUSEHOLD PITS TELL US ABOUT?**  
Dudnyk, Diana (The Institute of Archaeology of the National Academy of Science of Ukraine; Centre for Paleoethnological Research) - Chymyrys, Marharyta - Shydlovskiy, Pavlo - Alekseienko, Daria (Taras Shevchenko National University of Kyiv; Centre for Paleoethnological Research)
- 14:30 **REVISITING THE ANALYSIS OF LITHIC REFITTED ARTEFACTS AT THE UPPER PALAEOLITHIC SITES IN JAPAN: ITS POTENTIAL AND CHALLENGES**  
Takakura, Jun (Archaeological Research Centre, Hokkaido University)
- 14:45 **RE-COMPOSING TIME AND SPACE: INTEGRATING LITHIC AND INTRA-SITE SPATIAL ANALYSIS WITH REFITTINGS. THE OPEN-AIR SITE OF MALGA STAULANZA (BELLUNO, ITALY)**  
Cecchetti, Marzio - Visentin, Davide - Bertola, Stefano - Fontana, Federica (Dipartimento di Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara)
- 15:00 **RECONSTRUCTING SITE FORMATION PROCESSES THROUGH FAUNAL ANALYSIS AND REFITTING AT THE UPPER PALAEOLITHIC AND MESOLITHIC SITE OF KOHLHAU-ABRI, SOUTHWESTERN GERMANY**  
Toniatto, Giulia - Tafelmaier, Yvonne (State Office for Cultural Heritage of Baden-Württemberg, Germany)

- 15:15 CAN WE DO MORE WITH REFITS? SOME EXAMPLES FROM THE PLEISTOCENE/HOLOCENE TRANSITION IN BELGIUM.  
Vandendriessche, Hans (University of Ghent)
- 15:30 UNLOCKING THE STRUCTURE OF A MESOLITHIC OPEN-AIR SITE THROUGH REFITTING: A CASE FROM GAILIŪNAI 2, SE LITHUANIA  
Gaizauskas, Lukas (Lithuanian Institute of History)
- 15:45 DISCUSSION SLOT

### 306 PHOENICIAN AND PUNIC ARCHAEOLOGY IN EUROPE (AND BEYOND): RECEPTIONS, HERITAGE, AND PROJECTS

- Room:** 51=CU006-FLG-Aula II  
**Time:** 8:30 - 16:00  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon) - Machuca Prieto, Francisco - Álvarez Martí-Aguilar, Manuel - Suárez Padilla, José (University of Málaga)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 PHOENICIAN POSTCOLONIALISM  
Muñoz Sogas, Judith (University of Barcelona; Universitat Pompeu Fabra)
- 9:00 LANDSCAPES OF DEATH AND COMMEMORATION: WHAT CAN BURIAL PLACES TELL US ABOUT THE PHOENICIAN AND PUNIC CENTRE OF MALTA?  
Cardona, David (Heritage Malta)
- 9:15 EXCAVATING AND EXHIBITING THE PUNIC SANCTUARY AT THE LAGO DI VENERE, PANTELLERIA  
Murray, Carrie (Brock University)
- 9:30 THE STAGNONE (MARSALA, ITALY): HISTORY, NEW PERSPECTIVE OF RESEARCH WITH APPLIED APPROACHES AND TECHNOLOGIES  
Zucchi, Tecla (Università la Sapienza di Roma)
- 9:45 NEW APPROACHES TO GLOCALISATION IN THE PHOENICIAN PERSPECTIVE: RESEARCH ACTIVITIES AT THE CNR-ISPC  
Lancia, Sara (CNR-ISPC Roma; Università di Bari) - Botto, Massimo - Oggiano, Ida - Garbati, Giuseppe (CNR-ISPC Roma) - Pedrazzi,

Tatiana (CNR-ISPC Milano) - Porzia, Fabio (CNR-ISPC Roma) - Castiglione, Marianna (Università della Calabria) - Soldi, Sebastiano (Università di Firenze) - Tirabassi, Livia (Universiteit Gent)

- 10:00 PHOENICIAN MARITIME TRADE IN THE CENTRAL AND WESTERN MEDITERRANEAN. HISTORIOGRAPHY, PROBLEMS AND RESEARCH PERSPECTIVES  
Jacinto-González, Jesús (University of Almería, Departamento de Geografía, Historia y Humanidades)
- 10:15 DISCUSSION SLOT
- 11:00 FOOD PRACTICES IN PHOENICIAN-PUNIC RITUAL CONTEXTS: NEW PERSPECTIVES  
Giardino, Sara (École des Hautes Études Hispaniques et Ibériques - Casa de Velázquez de Madrid)
- 11:15 EGGXPLOING IDENTITY: PHOENICIAN-PUNIC OSTRICH EGGSHELLS IN VILLARICOS BEYOND AESTHETICS  
Moreno Megias, Violeta - Luciañez-Triviño, Miriam (University of Sevilla) - Rodero Riaza, Alicia (Museo Arqueológico Nacional - Ministry of Culture of Spain) - Montgomery, Janet (Durham University) - Morell Rovira, Berta (Institució Milà i Fontanals - Consejo Superior de Investigaciones Científicas)
- 11:30 CERRO DEL VILLAR PROJECT (2022-2025): FIRST RESULTS ON THE ARCHAIC SETTLEMENT AND ITS ENVIRONMENTAL VULNERABILITY  
Machuca Prieto, Francisco - Suárez Padilla, José - Álvarez-Martí-Aguilar, Manuel (University of Malaga)
- 11:45 THE TEATRO COMICO PHOENICIAN SITE: PAST AND FUTURE  
Torres Ortiz, Mariano (Universidad Complutense de Madrid) - Gerner Basallote, José (Ayuntamiento de Cádiz) - López Rosendo, Ester (Equipo de Investigación Teatro Cómico; Centro de Estudios Fenicios y Púnicos) - Navarro García, María - Pajuelo Sáez, Juan (Equipo de Investigación Teatro Cómico)
- 12:00 PHOENICIAN PRESENCE IN THE PORTUGUESE TERRITORY: NEW INSIGHTS FROM ARCHAEOLOGICAL RESEARCH DURING THE LAST DECADE  
Sousa, Elisa - Gomes, Francisco (UNIARQ - Centro de Arqueologia da Universidade de Lisboa)
- 12:15 PHOENICIANS IN NORTHWEST AFRICA  
Blaschta, Dirk (German Archaeological Institute)
- 12:30 LAST BUT NOT LEAST. PHOENICIAN-PUNIC INFLUENCES IN INLAND IBERIAN PENINSULA  
Sánchez de Oro, Pablo (Universidad Autónoma de Madrid)

- 12:45 DISCUSSION SLOT
- 14:00 BUILDING RELATIONS AT THE EDGE OF THE WORLD. THE BUILDING OF THE BAETYLUS OF ELVIÑA (A CORUÑA, SPAIN)(3RD-1ST CENTURIES BC)  
Niñn-Álvarez, Samuel (Incipit - Instituto de Ciencias del Patrimonio, CSIC (Consejo Superior de Invest) - Castro González, María Guadalupe (Universidade de Santiago de Compostela)
- 14:15 TOWARDS THE CHARACTERIZATION OF TARTESSOS AND EARLY ORIENTALIZING: RADIOCARBON CHRONOLOGY AND CERAMIC ANALYSIS OF LATE BRONZE AGE IN LOWER GUADALQUIVIR  
Vicente Gálvez, Rafael (Universidad Autónoma de Madrid)
- 14:30 HORSES AND BULLS ON A BRONZE BOWL FROM GELA: CULTURAL HYBRIDISM AND ORIENTALISING MOTIFS IN ARCHAIC GREEK SICILY  
Russo, Laura (N/A)
- 14:45 DISCUSSION SLOT
- 15:00 DISCUSSION SLOT

**332 CHANGE AND PERSISTENCE IN THE TRANSITION FROM LATE HELLENISTIC TO EARLY ROMAN IMPERIAL TIMES IN THE EASTERN MEDITERRANEAN**

**Room:** 61=CU022-EXT-Aula D  
**Time:** 11:00 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Beaujean, Bas (KU Leuven) - Daems, Dries (Vrije Universiteit Amsterdam)

**ABSTRACTS**

- 11:00 INTRODUCTION
- 11:15 MODELLING CHANGES AND PERSISTENCE IN URBANISATION DURING THE HELLENISTIC TO EARLY ROMAN IMPERIAL PERIOD IN ANATOLIA  
Beaujean, Bas (KU Leuven, Sagalassos Archaeological Research Project) - Daems, Dries (Vrije Universiteit Amsterdam)
- 11:30 THE USE OF MUTUAL INFORMATION TO TRACE HELLENISTIC AND ROMAN NETWORKS OF INTERACTION IN THE EASTERN MEDITERRANEAN  
Daems, Dries (Middle East Technical University)

- 11:45 THE ROMAN AGORA DISTRICT OF ATHENS: TRANSFORMATIONS AND INNOVATIONS BETWEEN THE HELLENISTIC AND ROMAN AGES  
Mendolia, Chiara (Sapienza, University of Rome; Italian Archaeological School at Athens)
- 12:00 DEVELOPMENT OF THE URBAN WATER MANAGEMENT IN THE RESIDENTIAL QUARTER (MALOUTENA AREA) OF NEA PAPHOS DURING HELLENISTIC AND ROMAN PERIODS  
Romaniuk, Marcin (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)
- 12:15 CHANGE AND PERSISTENCE: CISTOPHORI AND IDENTITY IN ROMAN ASIA MINOR  
Mccoy, Marsha (Southern Methodist University, Dallas, Tx)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT

**334 ETHNOGRAPHIC ANALOGY AND THE PLEISTOCENE ARCHAEOLOGICAL RECORD: RE-ASSESSING POTENTIALS AND PITFALLS**

**Room:** 46=CU013-FL2-Rasetti  
**Time:** 11:00 - 16:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Fusco, Marianna (Sapienza University of Rome; Universitat Rovira i Virgili Tarragona) - Taylor, Nicholas (Stony Brook University, New York; Turkana Basin Institute)

**ABSTRACTS**

- 11:00 INTRODUCTION
- 11:15 ETHNOGRAPHY AND DEEP TIME ARCHAEOLOGY: A REEVALUATION  
Harmand, Sonia (CNRS, UMR 5608 Traces; Turkana Basin Institute; Stony Brook University; IFRA) - Taylor, Nicholas (Stony Brook University) - Boes, Xavier - Arrighi, Vincent (INRAP) - Prat, Sandrine (CNRS, UMR 7194 HNHP) - Arroyo, Adrian (IPHES-CERCA)
- 11:30 THE MISSING OLDOWAN AT NASURA, WEST TURKANA: A CASE STUDY IN NON-HUMAN PRIMATE MODELS  
Wilson, Evan (City University of New York Graduate Centre; New York Consortium of Evolutionary Primatology; Turkana Basin Institute) - Böes, Xavier (Inrap - UMR 7194 HNHP- Département Homme)

& Environnement) - Arrighi, Vincent (INRAP-Midi-Méditerranée)  
- Prat, Sandrine (CNRS, Inee, UMR 7194 HNHPPaléofed, Mnhn) -  
Harmand, Sonia (CNRS, Traces, UMR 5608; Turkana Basin Institute)

11:45 **POUNDING TOOLS: LIMITATIONS AND ADVANTAGES IN USING PRIMATES TO RECONSTRUCT HOMININ BEHAVIOR**

Bocioaga, Cerasela - Spinapolice, Enza (La Sapienza)

12:00 **DISCUSSION SLOT**

12:15 **MODERN KNAPPERS AND OLD STONE TOOLS: USING ETHNOGRAPHIC AND EXPERIMENTAL COLLECTIONS TO UNDERSTAND THE PRODUCTION PROCESS OF BASALT TOOLS**

Sánchez-Dehesa Galán, Sol (ICArEHB) - Hermann, Aymeric (UMR 8068 Temps, Technologie et Ethnologie des Mondes Préhistoriques, CNRS)

12:30 **CENTRAL AFRICAN ETHNOGRAPHIC TOOL-USE AND ITS CONTRIBUTION TO UNDERSTANDING OF THE EARLIEST ARCHAEOLOGICAL TRACES IN THE CONGO BASIN.**

Taylor, Nicholas (Stony Brook University)

12:45 **DISCUSSION SLOT**

14:00 **ETHNOGRAPHIC INSIGHTS INTO MSA HUNTER-GATHERERS LITHIC TECHNOLOGIES**

Fusco, Marianna (University of Rome la Sapienza)

14:15 **SITE FUNCTIONALITY AND MOBILITY PATTERN DURING THE EAST AFRICAN MIDDLE STONE AGE: DATA FROM THE GOTIO SITE, SOUTHERN ETHIOPIA**

Aureli, Caterina - Asrat, Semineu (Dipartimento di Scienze Dell'Antichità, Sapienza Università di Roma) - Melaku, Sahleselassie (Ethiopia Heritage Authority (EHA, National Museum of Ethiopia, Addis Ababa) - Fusco, Marianna (Dipartimento di Scienze Dell'Antichità, Sapienza Università di Roma; Department of History and Art History, Universitat Rovira i Virigili, Tarragona) - Spinapolice, Enza (Dipartimento di Scienze Dell'Antichità, Sapienza Università di Roma)

14:30 **DISCUSSION SLOT**

14:45 **THE MIDDLE AND LATER STONE AGE SEQUENCE AT UMHLATUZANA ROCKSHELTER, KWAZULU-NATAL, SOUTH AFRICA: EXPLANATORY MODELS OF PLEISTOCENE CULTURE CHANGE**

Dusseldorp, Gerrit (Leiden University; Palaeo-Research Institute University of Johannesburg) - Sifogeorgaki, Irini (Leiden University) - Murungi, May (University of Algarve) - Carr, Andrew (University of

Leicester) - Schmid, Viola (Austrian Academy of Sciences - Austrian Archaeological Institute)

15:00 **ETHNOGRAPHIC DIVERSITY AS A THEORETICAL FRAMEWORK FOR THE RECONSTRUCTION OF ARCHAEOLOGICAL HIDE-WORKING CHAÎNES OPÉRATOIRES.**

Caurette, Natacha (University Paris 1 Panthéon-Sorbonne; UMR 8068 Temps; UMR 7264 CEPAM)

**340 AFTERMATH OF WAR: PRECARITY AND CONSEQUENCES OF ARMED CONFLICTS FROM PREHISTORY TO EARLY MODERN PERIOD**

**Room:** 5=CU003-BAS-Archeologia

**Time:** 8:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Matic, Uros (Institute for Classics, University of Graz) - Mihajlovic, Vladimir (Departement for Archaeology, Faculty of Philosophy, University of Belgrade) - Hello-Laprérie, Germain (National Museum of Natural History) - Deforce, Koen (Ghent University)

**ABSTRACTS**

8:30 **ON THE HUMAN CONSEQUENCES OF PREHISTORIC WAR: THEORETICAL AND ARCHAEOLOGICAL PERSPECTIVES**

Tornberg, Anna (Lund University) - Vandkilde, Helle (Aarhus University)

8:45 **THE SLINGS AND ARROWS OF OUTRAGEOUS FORTUNE. LARGE-SCALE VIOLENCE AND WIDER IMPACTS AT THE LATE NEOLITHIC BURIAL OF SJAPL, IBERIA**

Fernandez-Crespo, Teresa (Universidad de Valladolid; University of Oxford)

9:00 **HEALTH, NUTRITION AND INTERPERSONAL VIOLENCE IN THE AFTERMATH OF WAR: THE ANCIENT MIDDLE EAST (CHALCOLITHIC TO IRON AGE)**

Baten, Joerg (Univ. Tuebingen) - Benati, Giacomo (Univ. Barcelona) - Sołtysiak, Arkadiusz (Univ. Warsaw) - Tagini, Alessandra (Univ. Tuebingen)

9:15 **DISCUSSION SLOT**

9:30 **ENCOUNTERS WITH AN EXPANDING PREDATORY STATE: NUBIA DURING AND AFTER THE FIRST WAR WITH EGYPT (CA. 3100-2500 BCE)**

Hafsaas, Henriette (Volda University College)

- 9:45 **OUTSOURCING PRECARITY: IMPORT AND INTEGRATION OF FOREIGN LABOUR IN LATE BRONZE AGE EGYPT**  
Langer, Christian (Freie Universität Berlin)
- 10:00 **SUFFERING FROM MEMORIES: PSYCHOANALYTICAL APPROACH TO NEW KINGDOM EGYPTIAN POST-WAR STRATEGIES OF CONTROL IN NUBIA**  
Matic, Uros (University of Graz)
- 10:15 **DISCUSSION SLOT**
- 11:00 **ORPHANS OF DEMOCRACY – PERFORMING COMMUNAL CARE IN ANCIENT ATHENS**  
Babic, Staša (Dept. of Archaeology, Faculty of Philosophy)
- 11:15 **THE AFTERMATH OF WAR: ROMAN VIOLENCE BEYOND THE BATTLEFIELD**  
Fernández-Götz, Manuel (University of Edinburgh)
- 11:30 **PREDATORY IMPERIALISM AND CULTURAL GENOCIDE: ROMAN TAKEOVER OF THE CENTRAL BALKANS**  
Mladenovic, Dragana (University of Southampton)
- 11:45 **DISCUSSION SLOT**
- 12:00 **WHAT ACTUALLY HAPPENED TO SEGESTANI AFTER THE ROMAN CONQUEST?**  
Drnic, Ivan - Radman Livaja, Ivan (Archaeological Museum in Zagreb)
- 12:15 **MARCOMANNIC WARS – CONSEQUENCES OF CONFLICT BASED ON A COMPREHENSIVE DATASET**  
Vlach, Marek - Komoróczy, Balázs (Institute of Archaeology of the CAS Brno)
- 12:30 **"HOW DOES THE GRASS GROW" – LOOTING OF THE SARMATIANS GRAVES DURING LATE ANTIQUITY**  
Šarkic, Tamara - Djuric, Marija - Djukic, Ksenija (Centre of Bone Biology, Institute of Anatomy, Faculty of Medicine, Belgrade)
- 12:45 **DISCUSSION SLOT**
- 14:00 **DISTURBING THE DEAD AFTER WAR? THE CASE OF GRAVE OPENING IN THE LATE ROMAN REMESIANA**  
Mihajlovic, Vladimir - Janković, Marko (University of Belgrade, Faculty of Philosophy) - Bandović, Aleksandar (National Museum of Serbia)
- 14:15 **ANALYSING AND UNDERSTANDING THE EFFECTS OF WAR IN THE EASTERN MEDITERRANEAN DURING THE 7TH CENTURY CE**  
Olshanetsky, Haggai (University of Warsaw) - Cosijns, Lev (University of Oxford)

- 14:30 **PRELIMINARY BIOARCHAEOLOGICAL RESULTS OF THE FIRST ARCHAEOLOGICAL STUDY CONDUCTED ON THE BATTLE OF MANZIKERT 1071**  
Bütün, Erge (Hacettepe University, Department of Anthropology; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab) - Eroğlu, Serpil (Hacettepe University, Department of Anthropology) - Çevik, Adnan (Muğla Sıtkı Koçman University, Department of History; Msku Research Centre for Mediterranean Civilizations) - Alican, Mustafa (Muş Alparslan University, Department of History) - Sertalp, Evren (Hacettepe University, Faculty of Communication, Department of Radio, Tv and Cinema; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab) - Sütçü, Mehmet - Develi, Tevfik (Muğla Sıtkı Koçman University, Department of History) - Akbaba, Ali (Muş Alparslan University, Research Centre of Seljuk and Manzikert Studies (Semam) - Dolmuş, Muhammed (Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab) - Büyükkarakaya, Ali (Hacettepe University, Department of Anthropology; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab)
- 14:45 **DISCUSSION SLOT**
- 15:00 **CHAINING UP THE DOGS OF WAR? - THE AFTERMATH OF WAR IN VIKING AGE SCANDINAVIA**  
Jensen, Bo (Kroppedal Museum)
- 15:15 **MARTIAL SOCIETIES OF MEDIEVAL DECCAN: A STUDY OF SCULPTURES OF GRAPPLING ON THE VIJAYANAGARA MONUMENTS**  
Dhebar, Kush (Department of Archaeology and Museums, Haryana)
- 15:30 **FLOODING AND LOOTING: THE SIEGE OF COASTAL TOWNS IN FLANDERS DURING THE EIGHTY YEARS' WAR (1568-1648)**  
De Decker, Sam - Pieters, Marnix (Flanders Heritage Agency)
- 15:45 **DISCUSSION SLOT**
- 16:30 **EXPLOITATION OF WOODLAND RESOURCES BY EARLY MODERN ARMIES: ANTHRACOLOGICAL INSIGHTS FROM LANAKEN (1748, BELGIUM) AND MONTIGNY-LÈS-METZ (1552)**  
Hello-Laprérie, Germain - Salavert, Aurélie (National Museum of Natural History) - Deforce, Koen (Ghent University) - de Raymaeker, Annelies (Studiebureau Archeologie) - Brkojewitsch, Gaël (Euronormetropole de Metz) - Callou, Cécile (National Museum of Natural History)

- 16:45 ENVIRONMENTAL IMPACT OF THE BUILDING OF KISVÁRDA CASTLE ON THE HUNGARIAN-OTTOMAN BOREDERZONE  
Nádai, Zsófia Csilla (Research Centre for the Humanities)
- 17:00 LIFE IN THE ENEMY CAMP - CONSEQUENCES OF WAR  
Simonsen, Rikke (Museum of Copenhagen)
- 17:15 DISCUSSION SLOT
- 17:30 MILITI IGNOTI. THE SHORT AND LONG-TERM CONSEQUENCE OF WWI ON THE SOLDIER'S BODIES.  
De Luca, Lisa - Gorini, Ilaria (Centre of Research in Osteoarchaeology and Paleopathology, Department of Biotechnologies and Life Sciences, University of Insubria, Varese, Italy) - Larentis, Omar (Centre of Research in Osteoarchaeology and Paleopathology, Department of Biotechnologies and Life Sciences, University of Insubria, Varese, Italy; LaBAAF-Laboratorio Bagolini Archeologia, Archeometria, Fotografia Dipartimento di Lettere e Filosofia, University of Trento; Sabap Per Le Provincie di Como, Lecco, Monza-Brianza, Pavia, Sondrio e Varese, MiC) - Gaudio, Daniel (Department of Archaeology, Durham University)
- 17:45 TARGET POMPEII: UNEXPLODED BOMB (UXB) - GIS SURVEY  
Tiede, Vance (Astro-Archaeology Surveys; Yale University, Alumnus)
- 18:00 DISCUSSION SLOT

### 354 SCENE CITY. SETTLEMENT AGGREGATION AND COMMUNITY TRANSFORMATION IN THE BUILT ENVIRONMENT OF THE EASTERN MEDITERRANEAN BETWEEN IV-II MILLENNIA BC.

**Room:** 38=CU005-FL2-Ponzi II  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Amadio, Marialucia (Ghent University) - Voskos, Ioannis - Theotokoutou, Chara (National and Kapodistrian University of Athens) - Bombardieri, Luca (University of Siena) - Vavouranakis, Giorgos (National and Kapodistrian University of Athens)

#### ABSTRACTS

- 14:00 INTRODUCTION

- 14:15 FROM CURVILINEAR TO RECTILINEAR: ARCHITECTURAL TRANSFORMATIONS IN 4TH-3RD MILLENNIA CAL. BC CYPRUS AND THEIR SOCIAL IMPLICATIONS  
Voskos, Ioannis (National and Kapodistrian University of Athens) - Kloukinas, Dimitris (Numismatic Museum, Hellenic Ministry of Culture) - Georgotas, Anastasios (National and Kapodistrian University of Athens)
- 14:30 THE URBANIZATION PROCESS IN THE SOUTHERN LEVANT DURING THE IV MILLENNIUM BCE: THE CASE STUDY OF JEBEL AL-MUTAWWAQ  
Caselli, Alessandra (Perugia University)
- 14:45 DISCUSSION SLOT
- 15:00 „THE IV MILLENNIUM BC IN THE SOUTHERN LEVANT: CHANGING COMMUNITIES AND THE NEW SHAPE OF INHABITED SPACE AND NATURE“  
Paolucci, Domizia (La Sapienza University of Rome)
- 15:15 MAKING SPACE FOR THE COMMUNITY IN LATE 3RD MILLENNIUM MALIA (CRETE)  
Devolder, Maud (Ghent University) - Caloi, Ilaria (Ca' Foscari University of Venice)
- 15:30 URBANISATION AND CONNECTIVITY IN THE PREHISTORIC AEGEAN: A BOTTOM-UP APPROACH  
Vavouranakis, Georgios (National and Kapodistrian University of Athens)
- 15:45 DISCUSSION SLOT
- 16:30 „IN THE BEGINNING WAS CHAOS“: INVESTIGATING THE ORGANIZATION AND SOCIAL SIGNIFICANCE OF SPACE IN LATE CYPRIOT DOMESTIC UNITS“  
Theotokoutou, Chara (National and Kapodistrian University of Athens)
- 16:45 URBANISATION IN PROCESS: FORMAL, TECHNICAL AND CULTURAL FEATURES OF ASHLAR ARCHITECTURE IN LATE BRONZE AGE CYPRUS  
Amadio, Marialucia - Devolder, Maud (Ghent University)
- 17:00 DISCUSSION SLOT

### 359 THE 4TH AND 3RD MILLENNIUM BC STEPPE IMPACT ON PREHISTORIC EUROPE PART 2

**Room:** 101=CNR01-BAS-Convegna

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Session with keynote presentation and discussion

**Organisers:** Topal, Denis (National Museum of History of Moldova) - Heyd, Volker (University of Helsinki) - Kulcsár, Gabriella (Institute of Archaeology, Hun-Ren Research Centre for the Humanities) - Dani, János (University of Szeged) - Palalidis, Stefano (Università Ca' Foscari Venezia)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 KEYNOTE PRESENTATION: SEPARATION, HYBRADISATION, AND NETWORKS: GLOBULAR AMPHORA SEDENTARY PASTORALISTS CA. 3200-2700 BCE  
Mueller, Johannes (Kiel University)

14:30 DISCUSSION SLOT

14:45 GLOBULAR AMPHORA AND YAMNA COMMUNITIES AS NEIGHBOURS: TOWARDS INTEGRATION OF ARCHAEOLOGICAL AND BIO-ARCHAEOLOGICAL DATA  
Szmyt, Marzena (Adam Mickiewicz University in Poznan; Archaeological Museum in Poznan)

15:00 DISTANT EVIDENCE OF CLOSE CONTACTS: CENTRAL EUROPEAN FEATURES IN THE MATERIAL CULTURE OF YAMNAYA PEOPLE  
Teslenko, Dmytro (Independent Researcher)

15:15 THE HIDDEN PATTERNS OF THE PAST — CARPATHIAN BASIN IN THE 3RD MILLENNIUM BC  
Kulcsár, Gabriella (Hun-Ren Research Centre for the Humanities)

15:30 'LOOKING INTO' THE EARLY BRONZE AGE MOUNDS OF NE ROMANIA. AN INTERDISCIPLINARY APPROACH  
Brasoveanu, Casandra - Asandulesei, Andrei - Brunchi, Radu (Alexandru Ioan Cuza University of Iasi, Institute of Interdisciplinary Research, Arheoinvest Centre) - Enea, Sergiu („Ion Neculce“ Theoretical High-school, Targu-Frumos) - Tencariu, Felix-Adrian (Alexandru Ioan Cuza University of Iasi, Institute of Interdisciplinary Research, Arheoinvest Centre) - Popovici, Sergiu (National Archaeological Agency, Chisinau) - Ciobanu, Ion (Orheiul Vechi Cultural-Natural Reserve, Institute of

BioArChaeological and Ethnocultural Research, Chisinau) - Boghian, Dumitru („Stefan Cel Mare“ University of Suceava, Faculty of History and Geography) - Simalcsik, Angela (Olga Necrasov Centre for Anthropological Research, Romanian Academy) - Agulnikov, Serghei (National Archaeological Agency, Chisinau)

15:45 DISCUSSION SLOT

16:30 SAME POTS, DIFFERENT PEOPLE? EXPLORING THE DUAL BURIAL CUSTOM OF WESTPHALIA'S FUNNELBEAKER CULTURE  
Kopner, Lea (Universität Münster; Altertumskommission für Westfalen)

16:45 CORDED WARE SYMBOLS" IN THE LATE FOURTH MILLENNIUM BC OF CENTRAL EUROPE  
Schultrich, Sebastian (Institut Fuer Ur- und Fruehgeschichte Kiel)

17:00 SEMIAUTOMATED CLASSIFICATION, AN OBJECTIVE WAY TO DETERMINE CONTINUITY AND DISRUPTION IN CERAMIC EVOLUTION? CERAMIC TYPOLOGY IN SWITZERLAND BETWEEN 3400-2400 BC  
Gottardi, Corina - Hinz, Martin - Hafner, Albert (University of Bern)

17:15 SOCIETIES FROM WESTERN SWITZERLAND AROUND 3000 BC: CONTINUITY AND DISRUPTION THROUGH MATERIAL CULTURE AND SETTLEMENT LAYOUTS  
Schiess, Delphine (University of Bern) - Bolliger, Matthias (University of Bern; Archaeological Service of Canton Bern) - Hafner, Albert (University of Bern)

17:30 PERSISTENT FEATURES AND DISRUPTIVE ELEMENTS IN THE EASTERN BALTIC SEA AREA IN THE 4TH-3RD MILLENNIUM BCE  
Nordqvist, Kerkko (Helsinki Collegium for Advanced Studies, University of Helsinki)

17:45 DISCUSSION SLOT

### 364 MODELING PLEISTOCENE SURVIVAL DYNAMICS: ECOLOGY, ENERGETICS AND EVOLUTION

**Room:** 46=CU013-FL2-Rasetti

**Time:** 8:30 - 10:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Prado Nóvoa, Olalla (Virginia Tech) - Vidal Cordasco, Marco A. - Universidad de Cantabria) - Zorrilla Revilla, Guillermo (Universidad de Burgos)

#### ABSTRACTS

- 8:30 **THE ECOCULTURAL NICHE OF THE EUROPEAN ACHEULEAN**  
Leonardi, Michela (Department of Zoology, University of Cambridge; Natural History Museum, London) - Lycett, Stephen (Department of Anthropology, University at Buffalo (SUNY)) - Manica, Andrea - Key, Alastair (Department of Archaeology, University of Cambridge)
- 8:45 **THE ROLE OF MIS3 CLIMATE OSCILLATIONS AND MODERN HUMANS IN NEANDERTHAL AND CARNIVORES' DEMISE ACROSS EUROPE**  
Vidal Cordasco, Marco - Marín Arroyo, Ana (1Evoadapta Group, Dpto. Ciencias Históricas, Universidad de Cantabria)
- 9:00 **SPECIES DISTRIBUTION MODELLING AS A TOOL FOR STUDYING CLIMATE RESILIENCE IN TWO HOMININ SPECIES.**  
Burke, Ariane (Universite de Montreal; Oeschger Centre for Climate Change Research) - Paquin, Simon - Albouy, Benjamin - Riel-Salvatore, Julien (Universite de Montreal)
- 9:15 **THE BEST HUNTING GROUNDS: RETHINKING HOMININ CHOICES ALONG THE LEVANTINE COAST, AND THE ROLE OF LEBANON**  
Russo, Gabriele (University of Tübingen)
- 9:30 **RE-THINKING NEANDERTHAL ENERGETICS: AN ALTERNATIVE APPROACH TO ESTIMATING TOTAL ENERGY EXPENDITURE IN EXTINCT HOMININS**  
Prado Nóvoa, Olalla (Virginia Tech) - Zorrilla Revilla, Guillermo (Universidad de Burgos) - Howard, Kristen - Davy, Kevin (Virginia Tech)
- 9:45 **MODELING THE HUMAN WALKING FLEXIBILITY. APPLICATIONS TO A LATE PLEISTOCENE HUMAN GROUP**  
Zorrilla Revilla, Guillermo (Laboratory of Human Evolution - LEH, University of Burgos; Research Centre for Anthropology and Health

- CIAS. University of Coimbra; Department of Human Nutrition, Foods, and Exercise - HNFE, Virginia Polytechnic Institute and State University) - Prado-Nóvoa, Olalla (Department of Human Nutrition, Foods, and Exercise - HNFE, Virginia Polytechnic Institute and State University) - García-González, Rebeca (Laboratory of Human Evolution - LEH, University of Burgos) - Laskaridou, Eleni - Howard, Kristen - Marinik, Elaina - Ramadoss, Rohit (Department of Human Nutrition, Foods, and Exercise - HNFE, Virginia Polytechnic Institute and State University) - Carretero, José (Laboratory of Human Evolution - LEH, University of Burgos) - Davy, Kevin - Volpe, Stella (Department of Human Nutrition, Foods, and Exercise - HNFE, Virginia Polytechnic Institute and State University)

- 10:00 **EXPLORING THE ENERGETICS OF GESTATION**  
Cordey, Cédric (Institute of Evolutionary Medicine, University of Zürich) - Webb, Nicole (Department of Palaeoanthropology, Senckenberg Gesellschaft für Naturforschung) - Haeusler, Martin (Institute of Evolutionary Medicine, University of Zürich)
- 10:15 **DISCUSSION SLOT**

### 387 ARCHAEOLOGY & THE GLOBAL MIDDLE AGES: OPPORTUNITIES, CHALLENGES, AND FUTURE TRAJECTORIES

**Room:** 12=CU003-FL1-Toesca

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Herold, Hajnalka (University of Exeter) - Fazioli, K. Patrick (Mercy University) - Petts, David (University of Durham)

#### ABSTRACTS

- 14:00 **GLOBAL MEDIEVAL ARCHAEOLOGY - ACCESS TO THE 'BIG PICTURE'?**  
Herold, Hajnalka (University of Exeter)
- 14:15 **REVEALING AND OBSCURING LONG-DISTANCE CONNECTIONS AT EARLY MEDIEVAL LINDISFARNE**  
Petts, David (Durham University)
- 14:30 **IT'S THE SOURCES STUPID! - OR IS IT DARKER THAN THAT.?**  
Hill, David (NIKU - Norwegian Institute for Cultural Heritage Research)
- 14:45 **DISCUSSION SLOT**



- 15:00 CAHOKIA MOUNDS AND THE GLOBAL MIDDLE AGES  
Baires, Sarah (Eastern Connecticut State University)
- 15:15 TEACHING AND RESEARCHING THE GLOBAL MIDDLE AGES ON AND WITH TURTLE ISLAND: ARCHAEOLOGICAL PERSPECTIVES  
Knutson, Sara Ann (University of British Columbia, Vancouver)
- 15:30 GLOBAL MIDDLE AGES, ARCHAEOLOGY, AND POSTHUMAN LANDSCAPES  
Fernández Fernández, Jesús (University of Oviedo)
- 15:45 DISCUSSION SLOT
- 16:30 SILK ROAD INTERSECTIONS: REDISCOVERING ARPA SETTLEMENT IN VAYOTS DZOR WITHIN THE GLOBAL MIDDLE AGES  
Babajanyan, Astghik (Institute of Archaeology and Ethnography NAS RA) - Franklin, Kathryn (Birkbeck, University of London)
- 16:45 TOWARDS A GLOBAL HISTORICAL ARCHAEOLOGY OF EUROPE AND SOUTH ASIA  
Hueglin, Sophie (University of Tuebingen)
- 17:00 DISCUSSION SLOT
- 17:15 WITHOUT EUROPE. SINOCENTRIC VISION OF MEDIEVAL AGES  
Zukowski, Robert (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 17:30 WHAT IS A GLOBAL MEDIEVAL ARCHAEOLOGY FOR?  
Fazioli, Kirk (Mercy University)
- 17:45 DISCUSSION SLOT

### 396 EXPLORING EVERYDAY DOMESTIC LIFE: FROM THE NEOLITHIC TO THE EARLY MODERN PERIOD

**Room:** 4=CU003-BAS-Auletta  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Van Gijn, Annelou (Leiden University) - Tagesson, Göran (University of Uppsala) - Craig, Oliver (York University) - di Biase, Federica (University of Heidelberg)

#### ABSTRACTS

8:30 INTRODUCTION

- 8:45 ECONOMIC BASIS OF THE EARLY NEOLITHIC SETTLEMENT IN GWOŹDZIEC, SOUTHERN POLAND: CONCLUSIONS FROM INTERDISCIPLINARY RESEARCH  
Rauba-Bukowska, Anna - Czekaj-Zastawny, Agnieszka (Institute of Archaeology and Ethnology, Polish Academy of Sciences - IAE PAS) - Kukułka, Agnieszka (Regional Museum Tarnów) - Craig, Oliver (BioArCh, Department of Archaeology, University of York) - Kufel-Diakowska, Bernadeta (Institute of Archaeology University of Wrocław) - Lityńska-Zajac, Maria (Institute of Archaeology and Ethnology, Polish Academy of Sciences - IAE PAS) - Robson, Harry (BioArCh, Department of Archaeology, University of York) - Wilczyński, Jarosław (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences - ISEA PAS) - England, Fiona (BioArCh, Department of Archaeology, University of York)
- 9:00 EXPLORING THE ARCHITECTURE OF PRACTICE IN THE ABSENCE OF THE HOUSE: COMBINING USE-WEAR AND SPATIAL ANALYSES TO INVESTIGATE ARTEFACT SCATTERS  
Chan, Ben (University of Bristol)
- 9:15 HOUSE OF CRAFTS – DOMESTIC LIFE IN THE LATE NEOLITHIC WETLANDS OF THE WESTERN NETHERLANDS  
Van Den Dikkenberg, Lasse - Van Gijn, Annelou (Leiden University)
- 9:30 DISCUSSION SLOT
- 9:45 PUTTING FOOD INTO LATE NEOLITHIC HOUSES: REVEALING HOUSEHOLD CULINARY PRACTICES IN 3RD MBC NETHERLANDS THROUGH INTEGRATED ORGANIC RESIDUE ANALYSIS  
Kubiak-Martens, Lucy (Biax Consult, Biological Archaeology & Environmental Reconstruction) - Kenney, Andrew - Lucquin, Alexandre (BioArCh, Department of Archaeology, University of York) - Van Gijn, Annelou (Faculty of Archaeology, Leiden University) - Craig, Oliver (BioArCh, Department of Archaeology, University of York)
- 10:00 DOMESTIC MATERIALITY, SPATIAL DYNAMICS, AND SOCIAL ORGANIZATION IN THE BRONZE AGE SETTLEMENT OF CABEZO REDONDO (VILLENA, SPAIN)  
Martín de la Sierra Pareja, Paula - García Atiénzar, Gabriel (University of Alicante)
- 10:15 DISCUSSION SLOT
- 11:00 TAKING A CLOSER LOOK AT IBERIAN CULTURE: EVERYDAY LIFE IN THE CONSTRUCTION OF FEMALE GENDER  
Rosell Garrido, Patricia (Inaph (University of Alicante))

- 11:15 THE "HOUSE OF THE DOMESTIC SHRINE", A FIFTH CENTURY BC DWELLING IN WESTERN SICILY (MOTYA). DOMESTIC SPACE, ACTIVITIES, AND PEOPLE.  
Bonanno, Giuliana (Università di Roma la Sapienza)
- 11:30 EXPLORING HEARTHES, HOUSES AND HOUSEHOLD ACTIVITIES: CASE STUDIES FROM CENTRAL AND EASTERN CRETE DURING THE CLASSICAL AND HELLENISTIC PERIODS  
Di Biase, Federica (University of Cyprus)
- 11:45 DISCUSSION SLOT
- 12:00 DIVERSITY IN DOMESTIC LIFE: INSIGHTS FROM HELLENISTIC FARMHOUSES IN MACEDONIA  
Plika, Peli (International Hellenic University)
- 12:15 VANDALS IN PEACE. INVESTIGATING DOMESTIC ACTIVITIES IN ROMAN AGE BARBARIAN SETTLEMENTS IN NE HUNGARY  
Soós, Eszter (Hun-Ren Research Centre for the Humanities, Budapest)
- 12:30 STR 15.2: EXCAVATING THROUGH THE LAYERS OF A ROMAN HOUSE IN ANTIOCHIA AD CRAGUM IN WESTERN ROUGH CILICIA/ANTIOCHIA AD CRAGUM  
Remon Alvarez, Sergio (Utrecht University)
- 12:45 DISCUSSION SLOT
- 14:00 SEEKING PROTECTION IN THE DOMESTIC SPHERE AT KARANIS  
Souto Castro, Iria (University of Vigo)
- 14:15 LIVING IN CIRCLES: DAILY LIFE IN MENORCA FROM PROTOHISTORIC TIMES TO THE MIDDLE AGES  
Torres Gomariz, Octavio (Universitat d'Alacant) - Pérez-Juez, Amalia (Boston University) - Smith, Alexander (Sunny Brockport)
- 14:30 BIG VILLAGE LIFE: AN IMAGE OF HOUSEHOLDS IN A MEDIEVAL FORTIFIED VILLAGE IN SOUTHERN MORAVIA  
Šimík, Jakub (MUNI - Ústav Archeologie a Muzeologie; Archaia Brno Z. Ú)
- 14:45 DISCUSSION SLOT
- 15:00 HOUSES AND EVERYDAY DOMESTIC LIFE IN EARLY MODERN SWEDISH TOWNS  
Tagesson, Göran - Lindström, Dag (Uppsala University)
- 15:15 HEAT AND LIGHT IN AN EARLY MODERN CONTEXT - WHAT DO THEY TELL US ABOUT DWELLING IN THE PAST?  
Eriksdotter, Gunhild (Uppsala University) - Qviström, Linda (Uppsala University; Upplandsmuseet)

- 15:30 THE AGENCY OF EARLY MODERN CROFTERS - A MICROARCHAEOLOGICAL APPROACH TO DWELLING  
Williamsson, Sara (Lund University)

- 15:45 DISCUSSION SLOT

#### 408 CRAFTING IRON AGE SOCIETIES: CAN CREATIVITY, TECHNOLOGY, OR TYPOLOGY HIGHLIGHT HUMAN PAST TRANSFORMATIONS?

**Room:** 70=CU028-FL1-Aula 3

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Rolland, Joëlle (CNRS, UMR 8215 Trajectoires) - Cicolani, Veronica (AOOrOc UMR 8546 CNRS-PsI) - Canovaro, Caterina (Università di Padova, Dipartimento di Geoscienze)

#### ABSTRACTS

- 8:30 INTRODUCTION

- 8:45 CAUSE AND EFFECT: CHANGES IN THE IRON AGE THROUGH A HOLISTIC STUDY OF SIGNIFICANT TRANSFORMATIONS (3RD TO 2ND CENTURY BCE)  
Bursak, Daniel - Danielisová, Alžběta - Kyselý, René (Institute of Archaeology of the CAS, Prague) - Čížmář, Ivan (Institute for Archaeological Heritage Brno) - Kertés, Samuel - Volf, Jan (Institute of Archaeology of the CAS, Prague)

- 9:00 NOTES ON THE COMPLEX THE PRODUCTIVE STRUCTURE OF THE CONTESTANIAN COAST DURING THE IRON AGE. BETWEEN DOMESTIC AND WORKSHOP PRODUCTION  
Perdiguero-Asensi, Pascual (Universitat d'Alacant)

- 9:15 DISCUSSION SLOT

- 9:30 ARCHAEOLOGICAL INVESTIGATIONS ON BRONZE ARTEFACTS OF CHIERICI COLLECTION: PRELIMINARY RESULTS ON METAL SUPPLY STRATEGIES  
Lucarelli, Chiara - Angelini, Ivana - Artioli, Gilberto - Canovaro, Caterina (University of Padua) - Cicolani, Veronica (Centre National de la Recherche Scientifique)

- 9:45 THE MAJOR IRON PRODUCTION SITE FROM THE LATE HALLSTATT AND EARLY LA TÈNE PÉRIOD OF DONNEMAIN-SAINT-MAMÈS (EURE-ET-LOIR, FRANCE)  
Wassong, Rémy (Eveha; UMR7044 - Archimèdes) - Sarreste, Florian (Eveha; Herma) - Lacroix, Solène (Eveha; Herma)

- 10:00 METALLURGY AS A NEW ECONOMICAL CHALLENGE ? PARALLELS BETWEEN THE DEVELOPMENT OF AN ENCLOSED SETTLEMENT AND ITS METALLURGICAL ACTIVITY  
David, Antoine (Eveha) - Lacroix, Solène (Eveha; UMR 7324 Citeres)
- 10:15 DISCUSSION SLOT
- 11:00 AMBER ROADS IN THE EARLY IRON AGE BETWEEN THE RHINE AND MORAVIA. METHODOLOGY, RESEARCH QUESTIONS AND FIRST RESULTS  
Golec, Martin (Palacký University Olomouc) - Golec Mírová, Zuzana (Institute of Archaeology of the Czech Academy of Science Prague; Charles University Prague) - Chytráček, Miloslav (Institute of Archaeology of the Czech Academy of Science Prague) - Kučera, Lukáš (Palacký University Olomouc) - Mischka, Doris - Hagemann, Katja (Friedrich-Alexander University Erlangen-Nürnberg) - Martínek, Jan (Palacký University Olomouc)
- 11:15 WOOL, LINEN, SALT - THE TEXTILE ARCHAEOLOGICAL ANALYSES OF THE IRON AGE TEXTILES FROM THE SALT MINE DÜRRNBERG, AUSTRIA  
Lau, Ronja (Ruhr-University Bochum)
- 11:30 DISCUSSION SLOT
- 11:45 HANDICRAFT ARCHAEOLOGY BASED ON INTELLIGENT TECHNOLOGY (HABIT)  
Neiβ, Michael (Lund University Department of Archaeology & Ancient History; Aarhus University (Urbnet - Centre for Urban Network Evolutions))
- 12:00 TYPOLOGISTS MEET THE WORLD: AN EYE-TRACKING EXPERIMENT ON POTTERY STYLES FROM CENTRAL GERMANY, NORTHERN DENMARK AND NORTHERN SPAIN  
Scholtus, Lizzie - Vindrola-Adrós, Bruno (Xscape Project On "Material Minds" (ERC 2020 Synergy Grant 951631; Christian Albrecht Universität Zu Kiel)

## 432 RESIDENTIAL BUILDING TECHNIQUES WITH WOOD AND DAUB IN PREHISTORY: WHAT WE FIND AND WHAT WE RECONSTRUCT

- Room:** 63=CU022-FLG-Montalenti  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Pusztaine Fischl, Klara (Hun-Ren Research Centre for the Humanities Institute of Archaeology; University of Miskolc Institute of Archaeology) - Kienlin, Tobias (Universität Zu Köln Institut für Ur- und Frühgeschichte) - Lie, Marian (Institute of Archaeology Iași, Romanian Academy) - Anvari, Jana (Universität Zu Köln Institut für Ur- und Frühgeschichte)

### ABSTRACTS

- 8:30 UNLOCKING HIDDEN POTENTIAL IN A CAREFULLY ADDRESSED FIELD: RECONSTRUCTING LINEARBANDKERAMIK LONGHOUSES  
Oross, Krisztián - Mészáros, Nóra - Jakucs, János - Marton, Tibor (Institute of Archaeology, Hun-Ren Research Centre for the Humanities)
- 8:45 SIMILARITIES AND DIFFERENCES IN THE LATE NEOLITHIC HOUSE BUILDING TECHNIQUES OF GREAT HUNGARIAN PLAIN  
Bittner, Bettina (Hungarian National Museum National Institute of Archaeology)
- 9:00 IDENTIFYING CONSTRUCTION TIMBER WITH DIGITAL SCANNING TECHNIQUES - IDJÓŠ GRADIŠTE EXAMPLE  
Maric, Miroslav (Institute of Balkan Studies Sasa) - Mirković Marić, Neda (Međupštinski Zavod Za Zaštitu Spomenika Kulture Subotica) - Jončić, Nenad (Narodni Muzej Srbije)
- 9:15 DISCUSSION SLOT
- 9:30 RECONSTRUCTION OPTIONS FOR BRONZE AGE HOUSES G AND H IN BORSODIVÁNKA-NAGYHALOM (HU)  
Pusztaine Fischl, Klara (Hun-Ren Research Centre for the Humanities Institute of Archaeology; University Miskolc) - Pusztai, Tamás (Hungarian National Museum, Castle Museum Esztergom) - Kienlin, Tobias L. (Universität Zu Köln Institut für Ur- und Frühgeschichte) - Balázs, Ádám (University Miskolc) - Gucsi, László (Hun-Ren Research Centre for the Humanities Institute of Archaeology)

- 9:45 BUILDING AND DECORATING: A CHAÎNE OPÉRAIRE APPROACH FOR ANALYSING THE BURNT REMAINS OF A BRONZE AGE STRUCTURE AT BORSODIVÁNKA (HUNGARY)  
Drunagel, Eva - Mancini, Nico (University of Cologne)
- 10:00 SO MANY HOUSES, SO MANY CUSTOMS. HOUSE CONSTRUCTION PRACTICES DURING THE LATE EARLY BRONZE AGE IN THE CENTRAL CARPATHIAN BASIN  
Bodnár, Csaba (Museum of Fine Arts (Budapest))
- 10:15 DISCUSSION SLOT
- 11:00 ARCHITECTURAL TECHNIQUES IN THE BRONZE AGE TELL SETTLEMENT OF BAKONSZEG-KÁDÁRDOMB  
Balázs, Ádám (University of Miskolc)
- 11:15 MODELLING HOUSES AND HOUSEHOLD STRUCTURES. MIDDLE BRONZE AGE BUILDING MATERIAL AND CONSTRUCTION TECHNIQUES FROM NORTH-WESTERN ROMANIA  
Gyurka, Orsolya - Molnár, Zsolt (Babeş-Bolyai University, Cluj-Napoca)
- 11:30 MATERIAL CHOICES AND BUILDING TECHNIQUES IN THE OUTER SETTLEMENT OF THE BRONZE AGE TELL IN TOBOLIU (ROMANIA)  
Gavan, Alexandra (Institut für Ur- und Frühgeschichte Universität Zu Köln) - Lie, Marian (Institute of Archaeology Iaşi, Romanian Academy) - Kienlin, Tobias (Universität Zu Köln Institut für Ur- und Frühgeschichte)
- 11:45 DISCUSSION SLOT
- 12:00 REVISITING THE BRONZE AGE „TEMPLE“ FROM SALACEA AFTER MORE THAN HALF A CENTURY  
Lie, Marian (Iasi Institute of Archaeology) - Fazecaş, Gruia (Criş County Museum)
- 12:15 HOUSES OF THE LATE BRONZE AGE GÁVA CERAMIC STYLE: A CASE STUDY FROM POROSZLÓ-APONHÁT  
Kósa, Polett (Szent István Király Museum)
- 12:30 DUST TO DUST: ON THE PROBLEM OF DETECTION AND INTERPRETATION OF BRONZE AGE SOLID CLAY BUILDINGS IN EUROPE  
Wehrheim, Ruben (Freie Universität Berlin)
- 12:45 DISCUSSION SLOT
- 14:00 LATE BRONZE AGE BRESTO (SOUTH-WESTERN BULGARIA) - EXCITING SITE, EXCITING DAUB  
Fries-Knoblach, Janine - Leppek, Maleen (LMU München)

- 14:15 HOUSES OF THE LATE BRONZE AGE IN NORTHERN GERMANY. WOOD, DAUB AND STONES BETWEEN TYPOLOGY, STRUCTURE AND CONSTRUCTION DETAILS  
Heske, Immo (University of Göttingen) - Schopper, Franz (Brandenburg State Authorities for Heritage Management and State Museum of Archaeology)
- 14:30 TRESTLES AND WALL POSTS – ARCHITECTURAL DIVERSIFICATION IN BRONZE AGE SOUTHWESTERN SWEDEN  
Nordvall, Linn (Göteborgs Universitet)
- 14:45 DISCUSSION SLOT
- 15:00 RURAL SETTLEMENTS FROM THE BRONZE AGE AND IRON AGE IN FLANDERS (BELGIUM).  
Heirbaut, Elly - Vandenbussche, Vanessa (Lares)
- 15:15 HOUSES ON THE MOUNTAINSIDE: HOUSE ARCHITECTURE IN THE EARLY AND MIDDLE IRON AGE FORTIFIED SETTLEMENT OF DÉDESTAPOLCSÁNY-VEREBCE-BÉRC  
Barcsi, Marcell (Eötvös Loránd University, Institute of Archaeological Sciences)
- 15:30 DISCUSSION SLOT

### 433 ENCLOSED SOCIETIES: PREHISTORIC DITCHES OF SOUTHEAST EUROPE AND THE ADJACENT AREAS

**Room:** 101=CNR01-BAS-Convegna

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Naumov, Goce (Einstein Centre - Chronoi) - Nikolova, Nikolina (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)

### ABSTRACTS

8:30 INTRODUCTION

8:45 THE EARLY NEOLITHIC DITCHES IN THE BALKANS: WHAT DO WE KNOW SO FAR?  
Nikolova, Nikolina (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)

9:00 EARLY NEOLITHIC DITCHES IN SOUTH-WESTERN BULGARIA THEIR CONCEPT AND PECULIARITIES  
Kulow, Malgorzata (Regional Museum of History-Blagoevgrad)

- 9:15 **ENCLOSING EARLY FARMING VILLAGES IN THE EASTERN BALKANS: DETERMINANTS, STRATEGIC CHOICES, AND SOCIAL IMPLICATIONS**  
Bacvarov, Krum (National Institute of Archaeology and Museum, Bulgarian Academy of Sciences)
- 9:30 **THE PREHISTORIC ENCLOSURES OF PELAGONIA**  
Naumov, Goce (Einstein Centre - Chronoi)
- 9:45 **RONDELS GO SOUTH: EXPLORING TYPES AND CHRONOLOGY ON THE EDGE OF THE CARPATHIAN BASIN**  
Kalafatic, Hrvoje - Šiljeg, Bartul (Institute of Archaeology) - Šošić, Rajna (Faculty of Humanities and Social Sciences Zagreb)
- 10:00 **DITCH FEATURES AT THE LATE NEOLITHIC - EARLY CHALCOLITHIC SETTLEMENT NEAR BATA, PANAGYURISHTA MUNICIPALITY, SOUTHERN BULGARIA**  
Boyadzhiev, Kamen - Boyadzhiev, Yavor (National Archaeological Institute With Museum at the Bulgarian Academy of Sciences)
- 10:15 **DISCUSSION SLOT**
- 11:00 **ALTERING LANDSCAPES, SHAPING COMMUNITIES: ARCHAEOLOGICAL INVESTIGATIONS AT THE LATE NEOLITHIC SITE OF CSÖKMŐ-KÁPOSZTÁS-DOMB**  
Riebe, Danielle (University of Georgia) - Dani, János (University of Szeged / Déri Museum)
- 11:15 **THE COPPER AGE ENCLOSURES AT STAMBOLIIYSKI IN BULGARIAN THRACE: FROM DITCH DIGGING TO DEPOSITION AND INFILLING**  
Katsarov, Georgi - Nikolova, Nikolina - Tsurev, Atanas - Bacvarov, Krum (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)
- 11:30 **CUCUTENI-TRIPOLYE ENCLOSED SETTLEMENTS IN THE MOLDAVIAN SUBCARPATHIANS (ROMANIA). SOCIAL AND ECONOMIC IMPACT, PRACTICAL AND SYMBOLIC ROLE OF THE DITCHES**  
Preoteasa, Constantin (Neamț National Museum Complex) - Mischka, Carsten („Friedrich-Alexander” University of Erlangen-Nurnberg)
- 11:45 **DIGGING DEEP INTO PREHISTORIC PERSONHOOD: DITCHES AND HOUSES ON TRYPILLIA MEGASITES**  
Chapman, John (Durham University) - Gaydarska, Bissierka (Historic England)
- 12:00 **“ROLLING IN THE DEEP”: SMALL CLAY ARTIFACTS FROM EARLY AND MIDDLE BRONZE AGE DITCHES IN BULGARIA**  
Minkov, Petar (Naim-Bas)
- 12:15 **DISCUSSION SLOT**

## 439 **INTERDISCIPLINARY AND MULTISCALAR APPROACHES TO BIOARCHAEOLOGY IN THE DANUBE PROVINCES OF THE ROMAN EMPIRE**

**Room:** 66=CU022-FL1-Bettolo

**Time:** 14:00 - 16:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Szecsenyi-Nagy, Anna (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Vulovič, Dragana - Miladinović-Radmilović, Nataša (Institute of Archaeology, Belgrade) - Bollók, Ádám (Institute of Archaeology, Hun-Ren Research Centre for the Humanities)

### ABSTRACTS

- 14:00 **TWO LATE ROMAN CEMETERIES AT NAGYKANIZSA (HUNGARY) – ARCHAEOLOGICAL AND PHYSICAL ANTHROPOLOGICAL PERSPECTIVES**  
Bollók, Ádám - Horváth, Friderika - Szederkényi, Róbert (Institute of Archaeology, Hun-Ren Research Centre for the Humanities)
- 14:15 **„LIVIN’ ON THE EDGE” – LIFESTYLE RECONSTRUCTION OF PANNONIAN POPULATIONS OF THE ROMAN EMPIRE BASED ON PALEOPATHOLOGICAL ANALYSIS**  
Kiss, Krisztián (MTA-BTK Lendület Momentum BioArChaeology Research Group; Hun-Ren Research Centre for the Humanities; University of Miskolc; Eötvös Loránd University; Hungarian Natural History Museum) - Mateovics-László, Orsolya (Archäologischer Dienst Gesmbh) - Madai, Ágota (Hungarian Natural History Museum; University of Szeged) - Köhler, Kitti (Hungarian Natural History Museum) - Merczi, Mónika (Bálint Balassa Museum, Hungarian National Museum) - Láng, Orsolya (Bhm Aquincum Museum and Archaeological Park) - Bernert, Zsolt (Hungarian Natural History Museum) - Mende, Balázs (MTA-BTK Lendület Momentum BioArChaeology Research Group; Hun-Ren Research Centre for the Humanities) - Vámos, Péter (Bhm Aquincum Museum and Archaeological Park) - Szécényi-Nagy, Anna (MTA-BTK Lendület Momentum BioArChaeology Research Group; Hun-Ren Research Centre for the Humanities)

14:30 **BROKEN BONES: A CASE STUDY OF A MALE ADULT WITH A HEALED FRACTURE OF TIBIA AND FIBULA FROM NAISSUS, SERBIA**

Vulovic, Dragana - Miladinović-Radmilović, Nataša - Jeremić, Gordana (Institute of Archaeology, Belgrade, Serbia) - Manojlović, Nikola (Homeland Museum Župa, Aleksandrovac, Serbia)

14:45 **DISCUSSION SLOT**

15:00 **CHILDHOOD SCURVY IN ANTIQUE BURIALS FROM SIRMIMUM, SINGIDUNUM, TIMACUM MINUS AND NAISSUS, SERBIA**

Miladinović-Radmilović, Nataša - Vulović, Dragana (Institute of Archaeology, Belgrade)

15:15 **SEEKING FOR THE DACIAN DREAM. EXPLORING ANCIENT MOBILITY IN ROMAN DACIA**

Buzic, Ileana (Doctoral School of History, 1 Decembrie 1918 University; Department of Biology, University of Rome Tor Vergata, Italy) - de Angelis, Flavio (Department of Biology, California State University; Department of Mental, Physical Health and Preventive Medicine; University of Campania) - Gligor, Mihai (History, Archaeology and Museology Department, 1 Decembrie 1918 University) - Bolog, Adrian - Timofan, Anca (Archaeology-Research Department, National Museum of Unification Alba Iulia) - Amorim, C. Eduardo (Department of Biology, California State University, Northridge, USA)

15:30 **BIOARCHAEOLOGICAL INVESTIGATION OF COMPLEX POPULATION DYNAMICS IN THE ROMANIZED EASTERN ADRIATIC AND HINTERLAND**

Loewen, Tisa (Sunny Cortland)

15:45 **DISCUSSION SLOT**

#### 463 **METHODS OF ANALYSING SUBSISTENCE RESOURCES, LANDSCAPE MANAGEMENT AND EXPLOITATION PRACTICES BETWEEN THE BRONZE AGE AND IRON AGE**

**Room:** 14=CU003-FL3-Simonetti

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Sotgia, Agostino (Rug - University of Groningen) - Debandi, Florencia Ines - Cattani, Maurizio (University of Bologna)

#### ABSTRACTS

8:30 **INTRODUCTION**

8:45 **"A PLACE IS ALWAYS THE PLACE OF SOMETHING": EXPLORING HUMAN-ENVIRONMENT INTERACTIONS THROUGH MAXENT-BASED MODELLING**

Lucci, Enrico (University of Bari; Istituto Italiano di Preistoria e Proto-storia)

9:00 **NEW DATA ON BRONZE AGE CEREAL CULTIVATION FROM CENTRAL AND MARGINAL AREAS OF THE TERRAMARE TERRITORY**

Carra, Marialetizia (Bologna University; Archeolabio, Centro di Ricerche di BioArcheologia) - Miari, Monica (Soprintendenza Archeologia, Belle Arti e Paesaggio Per la Città Metropolitana di Bologna e Le Province di Modena, Reggio Emilia e Ferrara) - Tirabassi, James (Museo del Po di Revere (Mn); Postumiae Antiquarium di Piubega (Mn) - Lamanna, Leonardo (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di Cremona, Mantova e Lodi) - Cattani, Maurizio - Cavazzuti, Claudio (Dipartimento di Storia, Culture, Civiltà, Università di Bologna) - Mazzeri, Paola (Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di Parma e Piacenza) - Boccuccia, Paolo (Museo Delle Civiltà, Roma) - Scacchetti, Federico - Bonometti, Paolo (Ar/S Archeosistemi Società Cooperativa, Reggio Emilia)

9:15 **CROP MANAGEMENT AND CORRELATES IN THE DEMOGRAPHIC BOOST OF NORTHERN ITALY IN THE BRONZE AGE**

Cattani, Maurizio - Debandi, Florencia (University of Bologna)

9:30 **THE (GEO)ARCHAEOLOGICAL EXCAVATION OF THE MBA SITE OF LA MURAIOLA DI POVEGLIANO : FROM DOMESTIC SPACE TO AGRO-PASTORAL SYSTEM**

Nicosia, Cristiano - Breglia, Francesco (Università di Padova) - Dal Corso, Marta (Università di Padova) - Dalla Longa, Elisa (Istituto di Scienze del Patrimonio Culturale (ISPC) - Consiglio Nazionale Delle Ricerche (CNR) - d'Aquino, Silvia (Università di Padova) - Manfrin, Maria Sofia (Università di Milano) - Piazzalunga, Giorgio - Polisca, Federico (Università di Padova) - Putzolu, Cristiano - Rabitti, Chiara (Università di Bologna)

9:45 **ANIMAL EXPLOITATION AT THE TERRAMARA SANTA ROSA DI POVIGLIO IN THE LIGHT OF 40 YEARS OF ZOOARCHAEOLOGICAL RESEARCH**

Maini, Elena (Sapienza - University of Rome) - Cremaschi, Mauro (University of Milan)

- 10:00 **SOPHISTICATED LAND MANAGEMENT IN THE MIDDLE-RECENT BRONZE AGE: PALYNOLOGICAL EVIDENCE FROM THE TERRAMARA SANTA ROSA DI POVIGLIO (NORTHERN ITALY)**  
Mercuri, Anna Maria - Florenzano, Assunta - Zappa, Jessica - Clò, Eleonora (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia) - Zerbini, Andrea - Cremaschi, Mauro (Dipartimento di Scienze della Terra „A. Desio“, Università degli Studi di Milano)
- 10:15 **DISCUSSION SLOT**
- 11:00 **CULTIVATING COMPLEXITY: UNVEILING BRONZE AGE COMMUNITIES THROUGH RESOURCE STORAGE'S DYNAMICS. THE CASE STUDY OF PYLA-KOKKINOKREMOS (CYPRUS)**  
Porta, Francesca (University of Bologna) - Sotgia, Agostino (Rug - University of Groningen)
- 11:15 **PALAEOENVIRONMENTAL EVIDENCE FOR CHANGING LAND-USE PRACTICES DURING THE BRONZE AND IRON AGE FROM NORTHERN GERMANY**  
Feeser, Ingo - Filipović, Dragana - Schaefer-Di Maida, Stefanie - Kneisel, Jutta (Institute for Pre- and Protohistoric Archaeology, Kiel University)
- 11:30 **BETWEEN THE LAKE AND THE MOUNTAINS: SOCIOECONOMY OF EARLY IRON AGE HILLTOP SITES IN THE OHRID LAKE AREA**  
Šmolková, Markéta (Institute of Classical Archaeology, Faculty of Arts, Charles University Prague; Institute of Archaeology of the Czech Academy of Sciences, Prague, Czech Republic)
- 11:45 **BEYOND GRAZING: A MULTI-ISOTOPE APPROACH TO INVESTIGATE SHEEP FEEDING STRATEGIES IN THE IRON AGE IBERIAN PENINSULA (3RD C. BC)**  
Messana, Chiara (Department of Prehistory, Autonomous University of Barcelona; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d'Història i Història de L'Art - Tornero, Carlos (Department of Prehistory, Autonomous University of Barcelona; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA - Colominas, Lúdia (Institut Català d'Arqueologia Clàssica (ICAC-Cerca))
- 12:00 **INSIGHTS INTO SUBSISTENCE DYNAMICS: EXPLORING ANIMAL HUSBANDRY IN PRE-ROMAN GETAE COMMUNITIES**  
Venetatos, Ismini (Freie Universität Berlin)
- 12:15 **DISCUSSION SLOT**
- 12:30 **DISCUSSION SLOT**

- 12:45 **DISCUSSION SLOT**

## 466 **FACILITATING PUBLIC ENGAGEMENT AND PARTICIPATION IN DEVELOPMENT-LED ARCHAEOLOGY**

**Room:** 66=CU022-FL1-Bettolo

**Time:** 16:30 - 18:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Oldham, Mark (NIKU - Norwegian Institute for Cultural Heritage Research) - Watson, Sadie - Faccia, Kate (Mola - Museum of London Archaeology) - Benetti, Francesca (Historic Environment Forum)

### ABSTRACTS

- 16:30 **FACILITATING PHYSICAL AND DIGITAL ACCESS TO SITE**  
Oldham, Mark (NIKU - Norwegian Institute for Cultural Heritage Research)
- 16:45 **METHODOLOGIES FOR ENGAGING COMMUNITIES IN RESEARCH ON THE MEMORIALISATION OF DIFFICULT PASTS IN WHITECHAPEL**  
Wolferstan, Sarah (UCL)
- 17:00 **DISCUSSION SLOT**
- 17:15 **NAVIGATING THE CLIENT-CONTRACTOR-COMMUNITY DYNAMIC**  
Watson, Sadie (Mola)
- 17:30 **THE FUTURE PAST: ARCHAEOLOGY AND SOCIAL INNOVATION**  
Pedersen, Unn - Sontum, Kaja (Department of Archaeology, Conservation and History, University of Oslo) - Bukkemoen, Grethe (Museum of Cultural History, University of Oslo)
- 17:45 **DEVELOPMENT-LED ARCHAEOLOGY AS APPLIED ARCHAEOLOGY**  
Beck, Anna (Museum Southeast Denmark)
- 18:00 **DISCUSSION SLOT**

**482** „PAST IS NOT PAST“. ENVIRONMENTAL EFFECTS OF PAST LAND USE ON PRESENT RESOURCES ECOLOGY. ENVIRONMENTAL ARCHAEOLOGY BETWEEN RESEARCH AND APPLICATION

**Room:** 48=CU006-FLG-Aula C

**Time:** 11:00 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Pescini, Valentina (Catalan Institute of Classical Archaeology - ICAC) - Aniceti, Veronica (Consejo Superior de Investigaciones Científicas - Institució Milà i Fontanals (CSIC-IMF) - Cevasco, Roberta (University of Gastronomic Sciences) - Gabellieri, Nicola (University of Trento)

**ABSTRACTS**

11:00 **DISENTANGLING THE SOCIOECOLOGICAL TRAJECTORIES OF MOUNTAIN OLD-GROWTH FORESTS IN THE FRENCH PYRENEES OVER THE LAST CENTURIES**  
Burri, Sylvain (TRACES UMR 5608 CNRS-Université Toulouse Jean Jaurès) - Saulnier, Mélanie (Geode UMR 5602, CNRS-Université Toulouse Jean Jaurès) - Larrieu, Laurent (Université de Toulouse, Inrae, UMR Dynafor& Cnpf-Crpf) - Labbas, Vincent (Irrpa-Kik/Université de Liège) - Py-Saragaglia, Vanessa (Geode UMR 5602, CNRS-Université Toulouse Jean Jaurès)

11:15 **“BROCCOLI OUT OF THE FOREST!” PERSPECTIVES AND ISSUES IN INTERPRETING HISTORICAL ALPINE WOODSCAPES AS FOODSCAPES**  
Lemmi, Francesca - Gabellieri, Nicola (University of Trento -)

11:30 **AN ARCHAEOLOGY OF GATHERING PRACTICES: TAKING ACCOUNT OF HABITAT HISTORICAL DYNAMICS**  
Cevasco, Roberta - Pieroni, Andrea (Università di Scienze Gastro-nomiche di Pollenzo)

11:45 **TRANSHUMANCE LANDSCAPES IN THE SOUTHWESTERN ITALIAN ALPS: THE CONTRIBUTION OF PALYNOLOGY IN ENVIRONMENTAL AND CULTURAL HERITAGE**  
Braga, Lorenzo - Rattighieri, Eleonora (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia) - Pescini, Valentina (ICAC - Instituto Catalán de Arqueología Clásica) - Rellini, Ivano (Department of Earthh, Environment and Life Sciences) - Florenzano, Assunta (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia)

12:00 **A PLEA FOR AN ENVIRONMENTAL ARCHAEOLOGY OF HUNTING RESOURCES: LOST FOODSCAPES IN THE LIGURIA MOUNTAINS (NW ITALY)**  
Moreno, Diego (University of Genoa)

12:15 **UNTOUCHED WILDERNESS OR CULTURAL LANDSCAPE? HISTORICAL REINDEER CORRALS AS A TOOL FOR STUDYING PAST HUMAN INFLUENCE ON SUB-ARCTIC ECOSYSTEMS**  
Myrsky, Eero (University of Helsinki; Arctic Centre, University of Lapland) - Manninen, Outi (Arctic Centre, University of Lapland) - Lähteenmäki, Maria (University of Eastern Finland) - Ilmolahti, Oona (Arctic Centre, University of Lapland) - Kumpula, Timo - Korpelainen, Pasi (University of Eastern Finland) - Stark, Sari (Arctic Centre, University of Lapland)

12:30 **CREATING LANDSCAPES. MEDITERRANEAN MARKET AND ANIMAL HUSBANDRY IN IRON AGE AND ROMAN CATALONIA: ZOOARCHAEOLOGICAL DATA IN PERSPECTIVE.**  
Valenzuela-Lamas, Silvia (Archaeology of Social Dynamics (Asd, Institució Milà i Fontanals, Consejo Superior de Investigaciones Científicas (IMF-CSIC; Centro de Arqueologia da Universidade de Lisboa, UNIARQ)

12:45 **DISCUSSION SLOT**

**492** **ASSESSING DAMAGE CAUSED TO ARCHAEOLOGICAL HERITAGE: EXPECTATIONS AND REALITY**

**Room:** 64=CU022-FLG-Aula C

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Olevska-Kairisa, Irina (Maastricht University) - Mödlinger, Marianne (University of Genoa; University of Innsbruck; University of Salzburg) - Kairiss, Andris (Riga Technical University) - Godfrey, Evelyne (Uffington Heritage Watch, Faringdon)

**ABSTRACTS**

8:30 **INTRODUCTION**

8:45 **CULTURAL HERITAGE UNDER THREAT - TWO YEARS OF UKRAINIAN EXPERIENCE**  
Androshchuk, Fedir (National Museum of History of Ukraine)



- 9:00 **LATE SCYTHIAN SITE CHERVONY MAYAK IN KHERSON REGION: THE VICTIM OF WAR**  
Symonenko, Oleksandr - Dzneladze, Olena (Institute of Archaeology National Academy of Science of Ukraine) - Sikoza, Denys (Kherson Inspectorate of Historic and Cultural Monuments Protection)
- 9:15 **EXPERIENCE IN WORKING WITH ARCHAEOLOGICAL MONUMENTS AFFECTED BY THE RUSSIAN-UKRAINIAN WAR, USING THE EXAMPLE OF „BILHOROD KYIVSKYI”**  
Zotsenko, Ivan - Lavrov, Vitalii (Institute of Archeology, National Academy of Sciences of Ukraine) - Ivanova, Oleksandra (National University of Kyiv-Mohyla Academy)
- 9:30 **OCCUPIED HERITAGE IN CRIMEA: 10 YEARS OF ILLICIT EXCAVATIONS**  
Lifantii, Oksana (National Museum of History of Ukraine)
- 9:45 **ARCHAEOLOGICAL HERITAGE MANAGEMENT METHODOLOGY AS A PREVENTIVE TOOL FOR HERITAGE PROTECTION**  
Kairiss, Andris (Riga Technical University)
- 10:00 **ASSESSING THE IMPACT OF HERITAGE CRIME ON ARCHAEOLOGISTS**  
Olevska-Kairisa, Irina (Maastricht University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **THE IMPACT OF WAR ON HERITAGE: LESSONS FROM THE NORTHERN ETHIOPIAN CONFLICT**  
Bekele, Tadele (Ethiopian Heritage Authority) - Abreha, Haftamu (Ethiopian Heritage Authority) - Negash, Arkebe (Ethiopian Heritage Authority) - Asmare, Belsti (Ethiopian Heritage Authority)
- 11:15 **THE STATE OF PALESTINE’S UNESCO WORLD HERITAGE SITES**  
Godfrey, Evelyne (Uffington Heritage Watch, England)
- 11:30 **TEMPORAL ANALYSIS OF LOOTING PITS IN TŪWĀNEH, SOUTHERN JORDAN 2002-2022**  
Wiesner, Piotr (Jagiellonian University, Kraków) - Kopij, Kamil (Jagiellonian University, Kraków) - Ćwiąkała, Paweł (Agh University of Kraków) - Puniach, Edyta (Agh University of Kraków) - Sochacki, Grzegorz (Agh University of Kraków) - Misk, Łukasz (Jagiellonian University, Kraków) - Bodzek, Jarosław (Jagiellonian University, Kraków)
- 11:45 **MAPPING DAMAGE: ASSESSING POST-CONFLICT AND POST-EARTHQUAKE DAMAGE IN SYRIA**  
Montesanto, Mariacarmela (University of Florence) - Abate, Nicodemo (CNR-ISPC) - Alvaro, Corrado (Università di Roma-La Sapienza) - Masini, Nicola (CNR-ISPC) - Norini, Gianluca (CNR-Igag) - Pe-

drazzi, Tatiana (CNR-ISPC) - Pucci, Marina (University of Florence) - Sansonetti, Antonio (CNR-ISPC)

- 12:00 **IMMEDIATE RESPONSE. THE PROTECTION OF THE PAST DURING TIMES OF CONFLICT AND THE RECENT WORK OF HERITAGE FOR PEACE**  
Sabrine, Isber (Heritage for Peace)
- 12:15 **ADVANCED TECHNOLOGIES IN THE ASSESSMENT AND MITIGATION OF ARCHAEOLOGICAL HERITAGE DAMAGE IN CONFLICT ZONES**  
Giovannelli, Riccardo (Istituto Italiano di Tecnologia; Università degli Studi di Milano) - Bernardin, Michela (Istituto Italiano di Tecnologia) - Sech, Gregory (Istituto Italiano di Tecnologia) - Traviglia, Arianna (Istituto Italiano di Tecnologia)
- 12:30 **DISCUSSION SLOT**
- 12:45 **DISCUSSION SLOT**

### 502 **ADVANCES IN JAPANESE ARCHAEOLOGY**

**Room:** 8=CU003-FL1-Aula III

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Stein, Britta (Martin-Luther-University Halle-Wittenberg) - Zancan, Claudia (Università Ca' Foscari Venezia)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **LIVING CLOSE TO AN ACTIVE VOLCANO: JOMON ENGAGEMENT WITH MOUNT FUJI IN PREHISTORIC JAPAN**  
Uchiyama, Junzo (Sainsbury Institute for the Study of Japanese Arts and Cultures) - Jordan, Peter (Lund University)
- 9:00 **THE IMPACT OF BIOCULTURAL STRATEGIES ON PREHISTORIC JOMON BIOLOGICAL DIVERSITY**  
Green, Madelyn (The Ohio State University; Columbus State Community College) - Hubbe, Mark (The Ohio State University)
- 9:15 **JOMON SEA: THE IRIAE ARCHAEOLOGICAL EXCAVATION ON TSUSHIMA ISLAND**  
Petrella, Daniele (International Research Institute for Archaeology and Ethnology)

- 9:30 UNDERSTANDING THE SIGNIFICANCE OF AOTORA STONE: EXPLORING EXCHANGE NETWORKS AND CHRONOLOGICAL VARIATIONS DURING THE JOMON PERIOD  
Astier, Clara (Hokkaido University)
- 9:45 VEGETAL TEMPER PHENOMENA  
Nishida, Yastami (Niigata Prefectural Museum of History) - Abe, Akinori (Chiba University) - Mizunoe, Kazutomo (Doshisha University) - Udatsu, Tetsuro (Miyazaki University)
- 10:00 CHILD MORTALITY, GRIEF AND SHIFTING CONCEPTS OF PERSONHOOD IN PREHISTORIC JAPAN  
Bausch, Ilona (Heidelberg University)
- 10:15 EXPLORING THE DEIFICATION OF THE DEAD AS A MECHANISM IN THE EMERGENCE OF LARGE-SCALE COMPLEX POLITIES AND ANCIENT STATES  
Mizoguchi, Koji (Kyushu University)
- 11:00 REVISITING THE MODE, TEMPO, AND THE CONSEQUENCES OF THE DISPERSAL OF FARMING IN PREHISTORIC JAPAN  
Crema, Enrico - Brainerd, Leah - Carrignon, Simon (University of Cambridge) - Craig, Oliver - Lundy, Jasmine (University of York) - Shoda, Shinya (University of York; Nara National Research Institute for Cultural Properties) - Stevens, Christopher (University of Cambridge)
- 11:15 HARNESSING DIGITAL & COMPUTATIONAL FRONTIERS IN JAPANESE ARCHAEOLOGY  
Loftus, James (Institute for Liberal Arts, Tokyo Institute of Technology)
- 11:30 MEANING OF THE STANDARDIZED KEYHOLE-SHAPED MOUNDED TOMBS IN THE PROCESS OF STATE FORMATION IN ANCIENT JAPAN  
Sasaki, Kenichi (Meiji University)
- 11:45 INVESTIGATING HOMOGENEITY ISSUES IN THE KOFUN PERIOD  
Thierfelder, Doreen (Martin-Luther-University Halle-Wittenberg)
- 12:00 REGIONAL IDENTITY AND KOFUN PERIOD HORSE CULTURE  
Stein, Britta (Martin-Luther-University Halle-Wittenberg) - Zancan, Claudia (Università Ca' Foscari Venezia)
- 12:15 SEAFOOD BEYOND SUBSISTENCE: 'LUXURY' CONSUMPTION AND MARINE RESOURCES IN JAPAN  
Hudson, Mark (Max Planck Institute of Geoanthropology) - Muñoz Fernández, Irene (Complutense University of Madrid)
- 12:30 DISCUSSION SLOT

## 522 SOCIETY IN THE MEDIEVAL MEDITERRANEAN (5TH TO THE 12TH CENTURIES) THROUGH ARCHAEOLOGY OF DEATH

- Room:** 42=CU005-BAS-Aula 3  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Brufal, Jesús (Universitat Autònoma de Barcelona) - González, Carmen (Universidad de Córdoba) - Palma, Maria de Fátima (Campo Arqueológico de Mértola/CEAACP) - Castellsagué, Guillem (Universitat Autònoma de Barcelona)

### ABSTRACTS

- 8:30 DEATH IS COMPLICATED: THE CHRISTIANISATION OF BURIAL PRACTICE IN LATE ANTIQUITY BEYOND DICHOTOMIES  
Selsvold, Irene (University of Leicester; University of Gothenburg; University of Oslo)
- 8:45 LANDSCAPES, STRUCTURES, AND DEPOSITION FORMS - STRATEGIES FOR DEALING WITH THE DEAD AND FORGING IDENTITIES (5TH-8TH CENTURIES)  
Arezes, Andreia (Flup - Faculty of Arts and Humanities - University of Porto; CITCEM - Centre for Transdisciplinary Research Culture, Space and Memory)
- 9:00 GRAVE GOODS FOR THE AFTERLIFE BETWEEN THE VTH AND XIITH CENTURIES IN MÉRTOLA'S TERRITORY, PORTUGAL  
Gómez-Martínez, Susana - Rodrigues, Andreia (Campo Arqueológico de Mértola / CEAACP; University of Évora) - Rodrigues, Clara (Campo Arqueológico de Mértola / CEAACP) - Rafael, Lígia (Câmara Municipal de Mértola) - Fernandes, Marco (Campo Arqueológico de Mértola / CEAACP; Universidade de Évora) - Palma, Maria de Fátima (Campo Arqueológico de Mértola / CEAACP; Universidade de Granada) - Lopes, Virgílio (Campo Arqueológico de Mértola / CEAACP)
- 9:15 EARLY MEDIEVAL FUNERARY LANDSCAPES: THE CASE OF MATERA  
Bruno, Brunella - Dicanio, Giuseppe (University of Salento)
- 9:30 ARCHAEOLOGY OF DEATH IN THE ANCIENT ANDALUSIAN DISTRICT OF LLEIDA (8TH-12TH CENTURIES)  
Brufal, Jesús (University Autònoma of Barcelona)

- 9:45 EXPLORING CHRISTIAN RURAL COMMUNITIES IN THE SOUTH OF AL-ANDALUS: INSIGHTS ON TÓZAR'S RUPESTRIAN CEMETERY AND OTHER FUNERARY SPACES  
Mattei, Luca (University of Granada)
- 10:00 SPACES OF LIFE AND DEATH IN THE LANDSCAPE OF GARB AL-ANDALUS. PRELIMINARY ANALYSIS OF TOPOGRAPHY AND RURAL SETTLEMENTS  
Gonzaga, Raquel (University of Coimbra) - Palma, Maria de Fatima (Campo Arqueologico de Mertola; CEAACP)
- 10:15 FUNERARY ARCHAEOLOGY FOR MADINAT QURTUBA: STATE OF THE ARTS, POSSIBILITIES AND NEEDS  
González Gutiérrez, Carmen (University of Córdoba)
- 11:00 DISCUSSION SLOT

### 525 EXPLORING DENTAL PATHOLOGIES AND DIET ACROSS TIME AND SPACE: AN INTERDISCIPLINARY APPROACH

- Room:** 56=CU033-FL2-Baroni  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Pedergrana, Antonella (Museo Archeologico Dell'Alto Adige) - Seiler, Roger (Institute of Evolutionary Medicine - Uzh)

### ABSTRACTS

- 14:00 EVOLUTIONARY PERSPECTIVES ON ORAL DISEASE: A HOLISTIC APPROACH  
Pedergrana, Antonella (Museo Archeologico Dell'Alto Adige)
- 14:15 DIGITAL AND CONFOCAL MICROSCOPY: APPLICATIONS TO DIACHRONIC ANALYSIS OF HUMAN DENTAL AND ORAL PATHOLOGIES  
Lozano, Marina (IPHES-CERCA. Institut Catala de Paleoeologia Humana i Evolució Social; Facultat de Lletres. Universitat Rovira i Virgili) - Francès-Abellán, Anna (IPHES-CERCA. Institut Catala de Paleoeologia Humana i Evolució Social) - Jiménez-Serrano, Alejandro (Departamento de Antropología, Geografía e Historia. Facultad de Humanidades y Ciencias de la Educación. Universidad de Jaén) - Sánchez-Barba, Lydia (Laboratorio de Antropología. Departamento de Medicina Legal, Toxicología y Antropología Física. Facultad de Medicina, Universidad de Granada) - Carrión-Méndez, Francisco (Departamento de Prehistoria y Arqueología, Universidad de Granada) - Gutiérrez-Mesa, Laura (Laboratorio de Antropología. Departamento

de Medicina Legal, Toxicología y Antropología Física. Facultad de Medicina, Universidad de Granada) - Borja-Miranda, Erik (Laboratorio de Antropología. Departamento de Medicina Legal, Toxicología y Antropología Física. Facultad de Medicina, Universidad de Granada) - Allué, Ethel - Vergès, Josep - Rubio-Salvador, Àngel (IPHES-CERCA. Institut Catala de Paleoeologia Humana i Evolució Social; Facultat de Lletres. Universitat Rovira i Virgili)

- 14:30 EVALUATING TISSUE CLEARING PROTOCOL VARIATIONS FOR THE MICROSCOPIC EXAMINATION OF HUMAN DENTAL SPECIMENS  
Dönmez, Denis - Pedergrana, Antonella - Seiler, Roger - Rühli, Frank - Eppenberger, Patrick (University of Zurich)
- 14:45 DISCUSSION SLOT
- 15:00 DENTAL PATHOLOGIES IN THE EVIDENCE FOUND IN DJEDKARE'S ROYAL NECROPOLIS AT SAQQARA (EGYPT)  
Vymazalová, Hana (Charles University, Faculty of Arts, Czech Institute of Egyptology) - Hashesh, Zeinab (Beni Suef University) - Gabr, Ahmed (Ministry of Tourism and Antiquities, Egypt)
- 15:15 CHRONICLES OF DENTAL HEALTH: UNVEILING ANCIENT EGYPTIAN DIETARY PATTERNS THROUGH PALEO-ODONTOLOGY  
Seiler, Roger - Eppenberger, Patrick (University of Zurich)
- 15:30 ORAL PATHOLOGY OF ZAGREB MUMMIES -- REVISITED  
Cavka, Mislav (University of Zagreb, School of Medicine; University Hospital Centre) - Prenc, Matea (University of Zagreb, School of Dental Medicine; University Hospital Centre Sisters of Mercy, Department of Diagnostic and Interventional Radiology)
- 15:45 DISCUSSION SLOT
- 16:30 STRONGER TEETH, LONGER LIFE? CORRELATION OF PRESENCE AND FREQUENCY OF LEH AND LONGEVITY AT EBA NECROPOLES MOKRIN AND OSTOJICEVO  
Kreckovic Gavrilovic, Marija (University of Belgrade, Faculty of Philosophy) - Petrović, Bojan (University of Novi Sad, Faculty of Medicine) - Stefanović, Sofija (University of Belgrade, Faculty of Philosophy)
- 16:45 NEW INSIGHTS INTO PREHISTORIC AGRICULTURE OF NORTHERN IBERIA FROM THE ANALYSIS OF STARCH GRAINS EMBEDDED IN DENTAL CALCULUS  
González-Rabanal, Borja (University of Valladolid; Grupo I+D+I Evoadapta, Universidad de Cantabria) - Marín-Arroyo, Ana B. (Grupo I+D+I Evoadapta, Universidad de Cantabria) - Carmona-Ballester, Eduardo (Servicio Territorial de Cultura, Turismo y Deporte de Valladolid, Junta de Castilla y León; Universidad de Burgos) - Gutiérrez-Zugasti, Igor

17:00

(Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Martín, Miguel Ángel (Sociedad Española de Espeleología y Ciencias del Karst) - Ortega, Ana Isabel (CENIEH - Centro Nacional Sobre la Evolución Humana) - Straus, Lawrence G. (University of New Mexico; Grupo I+D+I Evoadapta, Universidad de Cantabria) - Vega Maeso, Cristina (-) - González Morales, Manuel R. (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Cristiani, Emanuela (Diet and Ancient Technology Laboratory, Sapienza Università di Roma)

#### PROTEOMIC ANALYSIS OF IRON AGE DENTAL CALCULUS PROVIDES INSIGHTS ON SCYTHIAN FOOD SYSTEMS

Pecnik, Jaruschka (Department of Environmental Sciences, University of Basel; Institute for Evolutionary Medicine, Faculty of Medicine, University of Zurich) - Wilkin, Shevan (Department of Environmental Sciences, University of Basel; Institute for Evolutionary Medicine, Faculty of Medicine, University of Zurich; Department of Archaeology, Max Planck Institute for the Science of Human History) - Ventresca Miller, Alicia (Department of Anthropology, University of Michigan; University of Michigan Museum of Anthropological Archaeology, University of Michigan; Max Planck Institute for Geoanthropology, Department of Archaeology) - Schuenemann, Verena (Department of Environmental Sciences, University of Basel; Institute for Evolutionary Medicine, Faculty of Medicine, University of Zurich; Department of Evolutionary Anthropology, University of Vienna) - Johnson, James (Department of Anthropology, University of Wyoming) - Makhortych, Sergey - Litvinova, Ludmilla (Institute of Archaeology of National Academy of Sciences of Ukraine) - Andrukh, Svetlana - Toshev, Genady (Zaporizhzhya National University) - Krützen, Michael (Department of Evolutionary Anthropology, University of Zurich)

17:15

#### EXPLORING ANCIENT DENTAL CALCULUS: UNCOVERING THE DIVERSITY OF ORAL ARCHAEAL METHANOBREVIBACTER THROUGH METAGENOMIC ANALYSIS

Granehall, Lena (Institute for Mummy Studies, EURAC Research) - D. Huang, Kun (Helmholtz Centre for Infection Research; CIBIO Department, University of Trento) - Tett, Adrian (CIBIO Department, University of Trento; CUBE - Division of Computational Systems Biology, Centre for Microbiology and Environmental Systems Science, University of Vienna) - Manghi, Paolo (CIBIO Department, University of Trento) - Paladin, Alice - O'Sullivan, Niall (Institute for Mummy Studies, EURAC Research) - Rota-Stabelli, Omar (Department of Sustainable Agro-Ecosystems and Bioresources, Fondazione Edmund Mach; Centre Agriculture Food Environment, University of

Trento) - Segata, Nicola (CIBIO Department, University of Trento) - Zink, Albert - Maixner, Frank (Institute for Mummy Studies, EURAC Research)

17:30

#### TOWARDS THE CO-EXTRACTION OF PROTEINS AND LIPIDS FROM DENTAL CALCULUS

Mackie, Meaghan (School of Archaeology, University College Dublin; Archaeobiomics, Department of Life Sciences and Systems Biology, University of Turin) - Spiteri, Cynthia (Archaeobiomics, Department of Life Sciences and Systems Biology, University of Turin; Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Eberhard Karls Universität Tübingen) - Dal Bello, Federica (Department of Molecular Biotechnology and Health Sciences, University of Turin) - Buckley, Stephen (Department of Archaeology, BioArCh, University of York) - Quagliariello, Andrea (Department of Comparative Biomedicine and Food Science, University of Padua) - Demarchi, Beatrice (Archaeobiomics, Department of Life Sciences and Systems Biology, University of Turin) - Power, Robert (School of Archaeology, University College Dublin)

17:45

DISCUSSION SLOT

18:00

DISCUSSION SLOT

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#### FORENSIC ARCHAEOLOGY: THE IMPORTANT ROLE OF ARCHAEOLOGY IN LEGAL AND HUMANITARIAN INVESTIGATIONS

**Room:** 2=CU003-EXT-Vetri

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Mickleburgh, Hayley (University of Amsterdam; Forensic Anthropology Centre, Texas State University) - Barone, Pier Matteo (Forensic Geoscience Italy; American University of Rome) - Drath, Joanna (Pomeranian Medical University) - Moghaddam, Neghanaz (University Centre of Legal Medicine Lausanne-Geneva)

#### ABSTRACTS

14:00

INTRODUCTION

- 14:15 **THE PARETO PRINCIPLE IN SEARCH AND RESCUE DURING FORENSIC INVESTIGATIONS: BALANCING EFFICIENCY AND ACCURACY**  
Barone, Pier Matteo (American University of Rome; Forensic Geoscience Italy; Ancrim (Associazione Nazionale Criminologi e Criminalisti))
- 14:30 **REFLECTIONS OF SERVICE: THE SEARCH, RECOVERY, AND IDENTIFICATION OF PRISONERS OF WAR/MISSING IN ACTION (POW/MIA) CASES**  
Christie, Shaheen (Chronicle Heritage; University of Wisconsin-Milwaukee)
- 14:45 **DISCUSSION SLOT**
- 15:00 **GLOBAL PRACTICE IN FORENSIC ARCHAEOLOGY: CURRENT WORLD TRENDS**  
Marquez-Grant, Nicholas (Cranfield University)
- 15:15 **FORENSIC ARCHAEOLOGY AT INTERNATIONAL MECHANISMS SUPPORTED BY THE INTERNATIONAL COMMITTEE OF THE RED CROSS FOR THE SEARCH FOR MISSING PERSONS**  
Fischer, Patricia - de Abreu e Souza, Rafael - Morcillo Mendez, Maria Dolores (ICRC)
- 15:30 **ASSUMING THE NARRATIVE: HUMANITARIAN FORENSIC ACTION, MISINFORMATION, AND THE COLOMBIAN INTERNAL CONFLICT**  
Cawley, William (University of Tennessee)
- 15:45 **DISCUSSION SLOT**
- 16:30 **THE USE OF CHEMICALS IN THE BURIAL OF VICTIMS OF CONFLICTS IN THE 20TH CENTURY**  
Kadikinaite, Jovita (Faculty of Medicine, Vilnius University) - Karoblis, Dovydas (Faculty of Chemistry and Geosciences, Vilnius University)
- 16:45 **CIVILIANS IN A PRISONER OF WAR CAMP: FORENSIC ARCHAEOLOGY UNRAVELS THE STORY OF STALAG IID'S FORGOTTEN VICTIMS**  
Drath, Joanna - Jarzęcka-Stąporek, Joanna (Pomeranian Medical University) - Ościłowski, Jarosław (Polish Academy of Sciences) - Kalka, Monika - Popek, Filip - Wołyńska, Marta - Lisman, Dagmara - Zacharczuk, Julia - Parafiniuk, Mirosław - Ossowski, Andrzej (Pomeranian Medical University)
- 17:00 **FORENSIC EXCAVATION AT MOUNTJOY PRISON, IRELAND**  
Harte, Aidan - Mccullagh, Niamh (Arc Forensics Ltd)
- 17:15 **DISCUSSION SLOT**

- 17:30 **DETECTING DIFFERENTIAL CHEMICAL SIGNATURES OF TATTOO INKS ON PORCINE SKIN AND BONE USING PXRF**  
Mccrane, Samantha (University of New Hampshire, Anthropology Department; Forensic Anthropology Identification and Recovery Laboratory) - Fry, Megan (University of Florida, Anthropology Department; C.A. Pound Human Identification Laboratory) - Watanave, Aldo - Stubblefield, Phoebe (University of Florida, Anthropology Department; C.A. Pound Human Identification Laboratory)

### 548 „LAND AHEAD!“ ISLANDS-MAINLAND MOBILITY ACROSS THE MEDITERRANEAN IN PREHISTORY

**Room:** 45=CU013-FL1-Conversi

**Time:** 14:00 - 18:30

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Gori, Maja (Istituto di Scienze del Patrimonio Culturale | Consiglio Nazionale Delle Ricerche) - Arena, Alberta (Österreichische Akademie Der Wissenschaften)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **BRIDGING ACROSS THE STRAIT: EBA CERAMIC NETWORKS BETWEEN SOUTHERN ITALY, AEOLIAN ISLANDS AND SICILY**  
Todaro, Simona - Giacoppo, Flavia - Palio, Orazio (Catania University)
- 14:30 **MINORITY REPORT: MOBILITY NETWORKS IN THE AEOLIAN ISLANDS DURING THE EARLY BRONZE AGE**  
Di Renzoni, Andrea - Bettelli, Marco (CNR - ISPC) - Martinelli, Maria Clara (Parco Archeologico Delle Isole Eolie, Museo Luigi Bernabò Brea, Lipari) - Ferranti, Francesca (CNR - ISPC) - Levi, Sara Tiziana (Dip. di Scienze Chimiche e Geologiche, Un. di Modena e Reggio Emilia; Institute for the Study of the Ancient World, New York University)
- 14:45 **WIND OF CHANGE. THE SPREAD OF DECORATED POTTERY AMONG CENTRAL MEDITERRANEAN SMALL ISLANDS BETWEEN THE 3RD AND 2ND MILLENNIUM BC**  
Magri, Alessandra (Italian National Research Council (CNR-ISPC Roma))

- 15:00 **EXCAVATING THE "LONE CITY OF ŠKAR." ISLAND-MAINLAND MOBILITY IN THE EASTERN ADRIATIC IN THE BRONZE AGE**  
Gori, Maja (National Research Council of Italy) - Arena, Alberta (Österreichische Akademie Der Wissenschaften) - Magri, Alessandra (National Research Council of Italy) - Recchia, Giulia (Sapienza University of Rome) - Vilmercati, Melissa (Sapienza University of Rome)
- 15:15 **INCISED POTTERY OF THE EH III - MH I NORTH-WESTERN PELOPONNESE: REGIONAL INSIGHTS INTO THE CETINA PHENOMENON**  
Mercogliano, Assunta (Department of Humanities and Cultural Heritage, University of Udine, Italy) - Gazis, Mihalis (Ephorate of Antiquities of Achaia, Greece) - Spiroulias, Andreas (Department of History and Archaeology, University of Ioannina) - Filis, Konstantinos (Ephorate of Antiquities of Chalcidice and Mount Athos) - Hein, Anno - Day, Peter (Ceramic and Composite Materials Group, Institute of Nanoscience and Nanotechnology, NCSR'Demokritos')
- 15:30 **PREHISTORIC SEABORNE CONNECTIONS AND MOBILITY DYNAMICS IN THE EASTERN AEGEAN REGION: INSIGHTS FROM CERAMIC ANALYSIS**  
Menelaou, Sergios (British School at Athens)
- 15:45 **DISCUSSION SLOT**
- 16:30 **THE ROLE OF THE AEGINA BRONZE AGE HARBOUR IN THE MINOAN AND MYCENAEAN NETWORKS IN THE EASTERN MEDITERRANEAN**  
Ferentinos, Georgios (Geology Department, Patras University; Oceanus-Lab, Geology Department, Patras University) - Karali, Lilian (History and Archaeology Department, Kapodistrian University) - Gkioni, Maria - Stefanopoulos, Panagiotis (Oceanus-Lab, Geology Department, Patras University)
- 16:45 **ISLAND ARCHITECTURE ON LAND: THE QUESTION OF EARLY BRONZE AGE INSULAE IN TAVŞANLI HÖYÜK (INLAND WESTERN ANATOLIA)**  
Naiboglu, Nihan (Istanbul Nisantasi University) - Fidan, Erkan (Bilecik Şeyh Edebali University)
- 17:00 **DISCUSSION SLOT**

## 557 **NEW FRONTIERS IN STABLE ISOTOPE RESEARCH OF BIOARCHAEOLOGICAL REMAINS: PROGRESS AND PITFALLS PART 1**

- Room:** 80=CU002-FL3-Aula 302  
**Time:** 16:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Session with keynote presentation and discussion  
**Organisers:** Soncin, Silvia (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza Università di Roma) - Coccozza, Carlo (Department of Archaeology, Max Planck Institute of Geoanthropology) - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute of Geoanthropology; Faculty of Archaeology, University of Warsaw; Faculty of Arts, Masaryk University; Climate Change and History Research Initiative, Princeton University) - Craig, Oliver (BioArCh, Department of Archaeology, University of York) - Tafuri, Mary Anne (University of Rome La Sapienza)

### ABSTRACTS

- 16:30 **INTRODUCTION**
- 16:45 **COMPOUND SPECIFIC ISOTOPE ANALYSIS OF AMINO ACIDS FROM HUMAN BONE COLLAGEN: WHY BOTHER?**  
Craig, Oliver (BioArCh, University of York)
- 17:00 **HIGH-RESOLUTION DIETARY RECONSTRUCTION OF PREHISTORIC POPULATIONS FROM KOREA USING COMPOUND-SPECIFIC STABLE ISOTOPE ANALYSIS**  
Choy, Kyungcheol (Department of Anthropology, Hanyang University Erica) - Yun, Hee Young (Department of Marine Sciences and Convergence Engineering, Hanyang University Erica) - Fuller, Benjamin (Department of Archaeology and Heritage Studies, School of Culture and Society, Aarhus University) - Mannino, Marcello (3Department of Archaeology and Heritage Studies, School of Culture and Society, Aarhus University)
- 17:15 **DIFFERENCES IN AMINO ACID CARBON ISOTOPE VALUES OF DOMESTIC AND WILD FAUNA, BUT HOW DO WE EXPLAIN THEM?**  
Smith, Colin (Laboratorio de Evolución Humana, Universidad de Burgos; Department of Archaeology and History, La Trobe University) - Crombie, Maddison (Department of Archaeology and History, La Trobe University; School of Geography, Earth and Atmospheric

Sciences, the University of Melbourne) - Iriarte, Eneko (Laboratorio de Evolución Humana, Universidad de Burgos) - Valdiosera, Cristina (Laboratorio de Evolución Humana, Universidad de Burgos; Department of Archaeology and History, La Trobe University) - Galindo, Marian (Centro Mixto UCM-ISCI de Evolución y Comportamiento Humanos - de Gaspar-Simón, Ignacio (Departamento de Anatomía y Embriología. Universidad Complutense de Madrid) - Arsuaga, Juan Luis (Centro Mixto UCM-ISCI de Evolución y Comportamiento Humanos; Departamento de Paleontología, Universidad Complutense de Madrid) - Carretero, José-Miguel (Laboratorio de Evolución Humana, Universidad de Burgos)

17:30 **ISOMEMO: ADVANCING GLOBAL ISOTOPIC DATA THROUGH COLLABORATION AND INNOVATION**

Fernandes, Ricardo (Max Planck Institute of Geoanthropology) - Hixon, Sean (Oregon State University) - Coccozza, Carlo (Max Planck Institute of Geoanthropology)

17:45 **A BAYESIAN 'BIG ISOTOPIC DATA' CONTRIBUTION TO THE SOCIO-ECONOMIC IMPACT OF ROMANISATION**

Coccozza, Carlo (Max Planck Institute of Geoanthropology; Ludwig-Maximilians-Universität München; Università della Campania) - Formichella, Giulia - Soncin, Silvia - Tafuri, Mary Anne (Sapienza Università di Roma) - Lubritto, Carmine (Università della Campania) - Fernandes, Ricardo (Max Planck Institute of Geoanthropology; University of Warsaw; Masaryk University; Princeton University)

18:00 **WHAT ARE WE MISSING? BIG DATA APPROACH TO ISOTOPIC DATA IN PREHISTORIC MEDITERRANEAN**

Farese, Martina - Soncin, Silvia - Tafuri, Mary Anne (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome)

18:15 **DISCUSSION SLOT**

**571 DEBATING BEST PRACTICES AND NEW APPROACHES FOR A SUSTAINABLE STUDY OF ROCK ART**

**Room:** 7=CU003-FL1-Aula II

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Gallinaro, Marina (Dipartimento Scienze Dell'Antichità) - Radchenko, Simon (University of Stavanger) - Bonneau, Adelphine (Department of Chemistry, University of Sherbrooke) - Cucci, Costanza (Istituto di Fisica Applicata N. Carrara Consiglio Nazionale Delle Ricerche - CNR-IFAC) - Domingo Sanz, Ines (Icrea, Secció de PreHistòria i Arqueologia, Universitat de Barcelona)

**ABSTRACTS**

14:00 **INTRODUCTION**

14:15 **ECHOES OF A REVOLUTION-DIALOGUES BETWEEN THEORY AND PRACTICE IN THE STUDY OF THE LATE PREHISTORIC ART IN THE CÔA VALLEY**

Alves, Lara (CEAACP | University of Coimbra) - Rivas, Teresa (University of Vigo) - Caetano, Vera (CEAACP | University of Coimbra) - Ramírez, Fernando (Rock Art Conservation) - Reis, Mário (Côa Park Foundation. CEAACP | University of Coimbra) - Pozo-Antonio, Santiago (University of Vigo) - Martins, Andrea (UNUARQ | University of Lisbon) - Castro, Pablo (University of Vigo)

14:30 **PORTABLE REFLECTANCE HYPERSPECTRAL IMAGING FOR NON-INVASIVE INVESTIGATIONS OF ROCK ART**

Cucci, Costanza - Picollo, Marcello (CNR-IFAC) - Bekele, Tadele (Ethiopian Heritage Authority) - Gallinaro, Marina (Dipartimento Scienze Dell' Antichità - Università di Roma „La Sapienza“)

14:45 **TAPHART: AN EXPERIMENTAL APPROACH TO THE IMPACT OF WIND EROSION AND MARINE AEROSOL DEGRADATION ON COASTAL ROCK ART SITES**

Da Rosa, Neemias - d'Errico, Francesco (UMR5199 PACEA - University of Bordeaux; Centre National de la Recherche Scientifique - CNRS; Centre for Early Sapiens Behaviour - Sapience, Department of Archaeology, History, Cultural Studies, and Religion, University of Bergen) - Maguregui, Maite (Department of Analytical Chemistry, University of the Basque Country) - Wiesinger, Florian (Institute of Solar Research, German Aerospace Centre) - Fiore, Danae (Consejo Nacional de Investigaciones Científicas y Técnicas - CONICET) -

Queffelec, Alain (UMR5199 PACEA - University of Bordeaux; Centre National de la Recherche Scientifique - CNRS) - Courtenay, Lloyd (UMR5199 PACEA - University of Bordeaux) - Caruso, Francesco (Department of Analytical Chemistry, University of the Basque Country) - Van Niekerk, Karen - Henshilwood, Christopher (Centre for Early Sapiens Behaviour - SapienSA, Department of Archaeology, History, Cultural Studies, and Religion, University of Bergen; Evolutionary Studies Institute, University of the Witwatersrand)

- 15:00 **MICROARCHAEOLOGICAL METHODOLOGY FOR THE CHARACTERISATION AND IDENTIFICATION OF RELATIVE SEQUENCES BETWEEN ROCK PAINTINGS**  
Ruiz-López, Juan (Universidad de Castilla-La Mancha) - Muñoz-Soto, Camila (Universidad de Castilla-La Mancha, Fac. de Ciencias de la Educación y Humanidades; Université Paris 1 Panthéon-Sorbonne, Ed112, UMR 8068 Temps) - Amer-Veny, Josep Lluíz (Universidad de Castilla-La Mancha, Fac. de Ciencias de la Educación y Humanidades) - Hernáiz-Prieto, Paula (IIIPC Universidad de Cantabria)
- 15:15 **TRACING THE PAINT: HYPERSPECTRAL CHARACTERISATION OF LEVANTINE ART. THE CASE OF THE SIERRA DE LAS CUERDAS**  
Hernaiz Prieto, Paula (Universidad de Cantabria; Instituto Internacional de Investigaciones Prehistóricas de Cantabria) - Ruiz López, Juan (Universidad de Castilla-La Mancha)
- 15:30 **NOT TOO MUCH, NOT TOO LITTLE: STRATEGIES FOR SELECTING RELEVANT SAMPLES FOR ART DATING**  
Vandeveldel, Ségolène (Laboratory of Climate and Environment Sciences - LSCE UMR8212; Université du Québec À Chicoutimi) - Bonneau, Adeline (Université de Sherbrooke) - Bédard, L. Paul - Langevin, Erik (Université du Québec À Chicoutimi)
- 15:45 **DISCUSSION SLOT**
- 16:30 **THE SAN ARTISTS' PALETTE: AN UPDATE**  
Bonneau, Adeline (Université de Sherbrooke) - Green, Dawn (University of Cape Town) - Pearce, David (Rock Art Research Institute, University of the Witwatersrand)
- 16:45 **SUPERPOSITIONS AND SUPERIMPOSITIONS IN NORDIC BRONZE AGE ROCK ART: ADDITIVE PROCESSES AND MARITIME RITUALITY IN WESTERN BOHUSLÄN (CA. 1700-500 BC)**  
Moyano di Carlo, Julián - Horn, Christian - Ling, Johan - Liebl, Carina - Peternell, Mark (University of Gothenburg, Dept. of Earth Science) - Green, Ashely - Meijer, Ellen (University of Gothenburg, Dept. of

Historical Studies) - Lindhé, Cecilia (University of Gothenburg, Dept. of Literature, History of Ideas, and Religion)

- 17:00 **EACH SITE HAS ITS METHOD: DEBATING BEST PRACTICES FOR STUDYING ROCK ART, CASE STUDIES IN THE ALPS AND ITALY**  
Arcà, Andrea (Footsteps of Man Archaeological Society; S.Va.P.A. - Società Valdôtaine d'Archéologie et Préhistoire) - Sigari, Dario (Museo-Museo Delle Scienze di Trento; Università degli Studi di Ferrara; Coimbra University, Geosciences Centre)
- 17:15 **STRUCTURE FROM MOTION, CHAOS FROM NUMBERS, KNOWLEDGE FROM ELSEWHERE. METHODOLOGICAL AWARENESS ABOUT PHOTOGRAMMETRY FOR ROCK ART RESEARCH**  
Radchenko, Simon (University of Stavanger)
- 17:30 **USING BIG DATA TO STUDY ROCK ART: A PIPE DREAM OR A PROMISING FIELD?**  
Lahaye, Romain (University of Sherbrooke; University Paris 1 Panthéon-Sorbonne) - Bonneau, Adeline (University of Sherbrooke)
- 17:45 **CONNECTING PEOPLE TO PLACE: A GIS BASED SPATIAL AND CONTEXTUAL ANALYSIS OF PREHISTORIC ROCK ART IN BRITISH AND IRISH LANDSCAPES**  
O'Neill, Kaitlin (University of York)
- 18:00 **ONE STEP FURTHER IN GIS APPLICATIONS TO ROCK ART ANALYSIS**  
Sanchez-Hernandez, Alfredo - Roman, Dídac (Universitat Jaume I. Pre-Eina Research Group) - Domingo, Inés (ICREA; Universitat de Barcelona)
- 18:15 **DISCUSSION SLOT**

## 575 **ABANDONMENT AND OPPORTUNITIES? RESPONSES TO THE LATE MEDIEVAL DESERTION**

**Room:** 61=CU022-EXT-Aula D

**Time:** 14:00 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Nessel, Therese (Museums of Sogn Og Fjordane) - Heinonen, Tuuli (University of Helsinki)

## ABSTRACTS

- 14:00 **INTRODUCTION**



- 14:15 **AFTER THE FIRE. HOW DID TOWNSPEOPLE IN MEDIEVAL NORWAY ACT IN THE AFTERMATH OF SUDDEN CATASTROPHIC INCIDENTS?**  
Hansen, Gitte (University Museum of Bergen, University of Bergen)
- 14:30 **HOW DOES A TOWN DIE? THE PUZZLING FATE OF MEDIEVAL GUTENWERD**  
Predovnik, Katarina (University of Ljubljana, Faculty of Arts, Department of Archaeology)
- 14:45 **ECHOES OF LIFE: CHALLENGING THE 'STOPPED LIFE' NARRATIVE FOR CZECH MEDIEVAL DESERTIONS**  
Holata, Lukáš (University of South Bohemia)
- 15:00 **RESILIENCE AND SETTLEMENT DESERTION - AN EXAMPLE FROM SOUTHERN FINLAND**  
Heinonen, Tuuli (University of Helsinki)
- 15:15 **EXPERIENCES OF ABANDONMENT AND ABANDONED RURAL LANDSCAPES**  
Neset, Therese (Musea I Sogn Og Fjordane)
- 15:30 **DISCUSSION SLOT**

### 577 **FOLLOWING THE RIVER: FLOWSCAPES AS CLUSTERS OF COMMUNICATION IN THE ANCIENT MEDITERRANEAN WORLD**

**Room:** 22=CU003-FL5-Pirrota  
**Time:** 14:00 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Franceschini, Mariachiara (Albert-Ludwigs-Universität Freiburg, Abteilung Klassische Archäologie) - Abbondanzieri, Elisa (Sapienza Università di Roma, Dipartimento di Scienze Dell'Antichità)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **THE FORTRESS OF ROFALCO IN THE TERRITORY OF VULCI. AN ETRUSCAN HUB ON THE OLPETA VALLEY IN THE MID-REPUBLICAN PERIOD**  
Abbondanzieri, Elisa (Sapienza Università di Roma, Dipartimento Scienze Delle Antichità) - Cerasuolo, Orlando (Parco Archeologico di Cerveteri e Tarquinia) - Freixas Roig, Tania (Grup de Recerca En Arqueologia Protohistòrica - Universitat de Barcelona) - Papa, Chiara Martina (Sapienza Università di Roma, Dipartimento Scienze Delle Antichità) - Pulcinelli, Luca (Soprintendenza Archeologia Belle Arti e Paesaggio Dell'Umbria) - Sabbatini, Martina (Università degli Studi di

Torino) - Somma, Lorenzo (Independent Researcher) - Valerio, Marta (Università degli Studi di Torino; Université Paul Valéry-Montpellier 3)

- 14:30 **NEW APPROACHES TO THE ETRUSCAN RIVERINE LANDSCAPE OF THE FIORA AND PAGLIA VALLEY**  
Franceschini, Mariachiara (Albert-Ludwigs-Universität Freiburg)
- 14:45 **ALONG THE NERA RIVER. THE SITE OF MARATTA BASSA IN TERNI DURING THE ORIENTALIZING PERIOD**  
Sabina, Nicolò - Materazzi, Filippo (Sapienza Università di Roma)
- 15:00 **DISCUSSION SLOT**
- 15:15 **AFFLUENT TRIBUTARIES? THE CHIANI RIVER (ANCIENT CLANIS, ITALY)**  
Alcock, Susan (University of Oklahoma) - Bizzarri, Claudio (Cee Orvieto) - Williams, Joey (University of Oklahoma)
- 15:30 **THE URBS OF AMITERNUM AND THE ATERNUM FLUMEN BASIN. LIDAR ANALYSIS OF THE ARCHAEOLOGICAL SITE AND ITS FLUVIAL CONTEXT**  
Lagóstena, Lázaro (Universidad de Cádiz) - López-Medina, María (Universidad de Almería) - Rondán-Sevilla, Isabel (Universidad de Cádiz) - Aragón-Núñez, Enrique (Universidad de Almería) - Molina-Vidal, Jaime (Universidad de Alicante)
- 15:45 **DISCUSSION SLOT**
- 16:30 **FROM ROME TO THE PORT OF VERDUN-SUR-LE-DOUBS (BURGUNDY, FRANCE): TWO CENTURIES OF TRADE AT THE END OF THE IRON AGE**  
Taillandier, Valérie (Insitu Archeologie SA; UMR 6249 Chrono-Environnement) - Perruche, Rebecca (DRAC SRA Bourgogne Franche-Comté; UMR 6249 Chrono-Environnement) - Olmer, Fabienne (UMR 7299 Centre Camille Jullian) - Rolland, Joëlle (UMR 8215 Trajectoires) - Barral, Philippe (University of Franche-Comté; UMR 6249 Chrono-Environnement) - Deblois, Mathilde (University of Franche-Comté) - Hamon, Emmanuel - Thivet, Matthieu (University of Franche-Comté; UMR 6249 Chrono-Environnement)
- 16:45 **RIVERSCAPE GEOGRAPHY AND SETTLEMENT CLUSTERS IN WESTERN ANATOLIA DURING THE LATE BRONZE AGE**  
Kökner, Nuray Nisan (University of Cyprus)
- 17:00 **DISCUSSION SLOT**
- 17:15 **THE LOWER ANDARAX RIVER BASIN AS THE AXIS OF THE TERRITORIAL ORGANISATION OF THE CIVITAS OF URCI (ALMERÍA, SPAIN)**  
López-Medina, María-Juana - Aragón-Núñez, Enrique (University of Almería) - Rondán-Sevilla, Isabel (University of Cádiz)

- 17:30 NEVER CHANGE A FLOWING SYSTEM? WHEN THE GUADALETE RIVER BECAME „ROMAN“  
Lehmann, Janine (Kiel University)
- 17:45 URBAN NETWORK AND COMMUNICATION DURING ANTIQUITY IN THE GUADALETE RIVER BASIN (CÁDIZ, SPAIN)  
Rondán, Isabel (University of Cadiz) - Aragón-Núñez, Enrique (University of Almería)
- 18:00 DISCUSSION SLOT

**594 „ALL ROADS LEAD TO THE SOUTH“, FACING THE EUROPEAN PALAEO-LITHIC FROM THE SOUTH OF THE IBERIAN PENINSULA**

**Room:** 10=CU003-FL1-Aula V

**Time:** 8:30 - 13:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Medina-Alcaide, M<sup>a</sup> Ángeles (University of Bordeaux, UMR CNRS 5199 PACEA; University of Cordoba, Department of History, Hum-781) - Bernal Gómez, Marco Antonio („Paleomagina“ Research Centre) - Nabais, Mariana (IPHES-CERCA - Institut Català de Paleoeologia Humana i Evolució Social; Universitat Rovira i Virgili, Departament D’Història i Història de L’Art) - Rodríguez Castro, Eva (University of Cordoba, Department of History)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 BARRANCO LEÓN, A 1.4 MA HUMAN GATHERING SPOT IN SOUTHERN EUROPE  
Solano García, José (University of Granada) - Yravedra, José (Universidad Complutense de Madrid) - Tilton, Stefania - Sánchez-Bandera, Christian (Institut Català de Paleoeologia Humana i Evolució Social) - Ochando, Juan (Universidad de Murcia) - Serrano, Alexia - Herránz, Darío - González-Quiriones, Juan (Universidad de Granada) - Barsky, Deborah (Institut Català de Paleoeologia Humana i Evolució Social) - Jiménez-Arenas, Juan (Universidad de Granada)
- 9:00 REVISITING THE ACHEULEAN OCCUPATIONS OF VALE DO FORNO (LOWER TAGUS, ALPIARÇA, PORTUGAL)  
Ferreira, Carlos (UNIARQ - Centre for Archaeology of the University of Lisbon) - Raposo, Luís (ICOM - International Council of Museums) - Cunha-Ribeiro, João Pedro (UNIARQ - Centre for Archaeology

of the University of Lisbon) - Méndez-Quintas, Eduardo (GEAAT - Grupo de Estudos de Arqueologia, Antiguidade e Território, University of Vigo; UNIARQ - Centre for Archaeology of the University of Lisbon)

- 9:15 THE LAST ACHEULEANS OF WESTERN IBERIA: THE ARCHAEOLOGICAL SITE OF ENTRADA DO VALE DA SERRA (ALMONDA KARST SYSTEM, PORTUGAL)  
Varanda, Alexandre (UNIARQ) - Souto, Pedro (Paleoalmonda) - Rodrigues, Filipa (UNIARQ; Município de Torres Novas) - Zilhão, João (UNIARQ) - Deschamps, Marianne (Traces - CNRS 5608; UNIARQ)
- 9:30 NEANDERTHAL OCCUPATION IN LA SIMA CAVE (SEVILLE, SPAIN): GEOARCHAEOLOGICAL INTERPRETATION THROUGH PHYSICAL-CHEMICAL ANALYSIS OF SEDIMENT  
Medina Luque, Eusebio Jesús - Caro Gómez, José Antonio (Universidad de Córdoba) - Álvarez García, Genaro (Sociedad Espeleológica GEOS - Exploraciones e Investigaciones Subterráneas) - Recio Espejo, José Manuel (Universidad de Córdoba) - Borja Barrera, César - Díaz del Olmo, Fernando (Universidad de Sevilla) - Riquelme Cantal, José Antonio - Garrido Anguita, Juan Manuel - Cañete Gómez, Marta (Universidad de Córdoba)
- 9:45 CURRENT WORK AND RESEARCH DIRECTIONS ON THE EARLY UPPER PALAEO-LITHIC SITE OF COVA FORADADA (XÀBIA, ALICANTE, SPAIN)  
Fernández-López de Pablo, Javier (I.U. I En Arqueología y Patrimonio Histórico - INAPH, University of Alicante) - Casabó I Bernad, Josep (Generalitat Valenciana) - Gómez-Puche, Magdalena - Mayor Benadero, Alejandro - Montero-Buch, Oriol - Moya Ruiz, Raquel (I.U. I En Arqueología y Patrimonio Histórico - INAPH, University of Alicante) - Romero, Alejandro (Rameta)
- 10:00 RETHINKING LAMINAR KNAPPING DURING THE EARLY UPPER PALAEO-LITHIC IN THE CENTRAL IBERIAN MEDITERRANEAN BASIN  
Martínez-Alfaro, Álvaro - Vadillo Conesa, Margarita (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València) - Bel, Miguel Ángel (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València; UNIARQ-Centro de Arqueologia da Universidade de Lisboa, Faculdade de Letras de Lisboa, Universidade de Lisboa) - Sanchis, Alfred (Museu de Prehistòria de València, Servei d’Investigació Prehistòrica, Diputació de València) - Villaverde, Valentín - Eixea, Aleix (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)

- 10:15 DISCUSSION SLOT
- 11:00 LITHIC TECHNOLOGICAL VARIABILITY DURING THE EARLY-UPPER PALAEOLITHIC IN SOUTHERN IBERIAN PENINSULA: THE CASE OF LA BOJA ROCKSHELTER (MURCIA, SPAIN)  
Gomes, Luís (UNUARQ - Centro de Arqueologia da Universidade de Lisboa; Paleoalmonda - Associação de Estudos Científicos)
- 11:15 THE GRAVETTIAN OCCUPATION OF THE CUEVA DEL ARCO (MURCIA, SPAIN) THROUGH LITHIC TECHNOLOGY AND COPROLITE ANALYSIS  
Sánchez Martínez, Noelia (University of Murcia, Prehistory Area) - Ochando, Juan (Department of Plant Biology - Botany Area, Faculty of Biology, University of Murcia; Sapienza University of Rome, Department of Environmental Biology) - Carrión, José S. (Department of Plant Biology - Botany Area, Faculty of Biology, University of Murcia) - Martín-Lerma, Ignacio (University of Murcia, Prehistory Area) - Román, Dídac (University Jaume I de Castelló)
- 11:30 LITHIC TECHNOLOGY AT THE END OF UPPER PALAEOLITHIC: CUEVA DE NERJA (MARO-NERJA, MÁLAGA, SPAIN)  
Vadillo Conesa, Margarita - Aura Tortosa, J.Emili (Universitat de València)
- 11:45 THE PORTILLO CAVE, A NEW MAGDALENIAN ARCHAEOLOGICAL SITE IN THE HIGH GUADALQUIVIR (BEDMAR, JAÉN)  
Bernal, Marco (Centro Paleomágina)
- 12:00 NAVARRO CAVE (MALAGA, SPAIN): AN EXCEPTIONAL SITE WITH PALAEOLITHIC ART IN SOUTH OF IBERIAN PENINSULA  
Medina-Alcaide, M<sup>a</sup> Ángeles - Ferrier, Catherine (Université de Bordeaux - PACEA UMR 5199) - Torres, Antonio (University of Cantabria - IIIIPC) - Rodríguez, Eva (University of Cordoba, Department of History, Prehistory Section) - Intxaurbe, Iñaki Arriolabengoa, Martin (Department of Geology, UPV/EHU) - Romero, Antonio J. (University of Basque Country- UPV/EHU) - López, Antonio (Labcertis Company) - Garate, Diego (University of Cantabria - IIIIPC) - Sanchidrián, José Luis (University of Cordoba, Department of History, Prehistory Section)
- 12:15 ARCHAEOLOGICAL DISCOVERIES IN NERJA CAVE: NEW PALAEOLITHIC ROCK ART AND INTERDISCIPLINARY STUDY OF THE INTERNAL-ARCHAEOLOGICAL-CONTEXT  
Rodríguez Castro, Eva (Universidad de Córdoba, Department of History, Prehistory Section) - Medina Alcaide, M<sup>a</sup> Ángeles (Université de Bordeaux - PACEA UMR 5199) - Torres Riesgo, Antonio J. (University of Cantabria - IIIIPC) - López, Antonio (Labcertis Com-

pany) - Vandevelde, Ségolène - Pons-Branchu, Edwidge - Valladas, Hélène (Université Paris-Saclay - Laboratoire des Sciences du Climat et de L'Environnement, LSCE/IPSL, CEA-CNRS-UVSQ) - Sanchidrián Torti, José Luis (Universidad de Córdoba, Department of History, Prehistory Section)

- 12:30 THE FUTURE OF THE PAST: SCIENTIFIC VIRTUAL REALITY FOR PALEOLITHIC ROCK ART EXPERIENCE IN THE SOUTH OF THE IBERIAN PENINSULA  
Torres Riesgo, Antonio (University of Cantabria) - Garate, Diego - Medina-Alcaide, María (University of Bordeaux; UMR CNRS 5199 PACEA) - Sanchidrián, José (University of Córdoba) - Intxaurbe, Iñaki - Arriolabengoa, Martin (University of the Basque Country) - Liñán, Cristina (University of Málaga; Nerja Cave Foundation)
- 12:45 DISCUSSION SLOT

### 626 MERC FORUM. STANDING RUINED BUILDINGS IN LARGE CITIES: A BURDEN OR A RESOURCE FOR SOCIETY?

- Room:** 26=CU002-FL1-Aula VI  
**Time:** 16:30 - 18:30  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** MERC forum  
**Organisers:** Lorans, Elisabeth (University of Tours) - Citter, Carlo (University of Siena)

### 631 "A DAY WITHOUT POTTERY IS A DAY WASTED" - POTTERY TECHNOLOGY AND MANUFACTURE

- Room:** 28=CU002-FL1-Aula VIII  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Hall, Derek (Independent Researcher) - Witte, Frauke (Museum Sonderjylland) - Brorsson, Torbjorn (KKS-Kontoret for Keramiska Studier) - Roeser, Christian (LVR-Landesmuseum Bonn)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 POTTERY FROM THE CASTLE OF CASERTAVECCHIA: A FIRST ANALYSIS  
Napolitano, Salvatore (Università degli Studi della Campania) - Sordillo, Valerio (Università degli Studi della Campania „Luigi Vanvitel-

- li“) - Ianniello, Veronica (Università degli Studi della Campania Luigi Vanvitelli)
- 9:00 **WHERE HAVE ALL THE KILNS GONE? POTTERY MANUFACTURE IN MEDIEVAL SCOTLAND**  
Hall, Derek (Independent Consultant)
- 9:15 **NO ROMANS - NO POTTERY CIVILIZATION!?**  
Witte, Frauke (Museum of Southern Jutland, Denmark)
- 9:30 **THE ORIGINS OF FAIENCE PRODUCTION IN ALSACE : JEAN-HENRI WACHENFELD'S WORKSHOP IN STRASBOURG IN 1720**  
Arnold, Elise (Archéologie Alsace) - Minot, Florent (Archéologie Alsace) - Wendling, Jean-Michel (Independent Researcher)
- 9:45 **TECHNOLOGY AND DISTRIBUTION OF POST-MEDIEVAL CERAMICS FROM THE BAY OF CÁDIZ**  
Ruiz-Gil, José-Antonio (Universidad de Cádiz)
- 10:00 **PATRIX - MATRIX - TILE. A „FRAGMENTARY“ INSIGHT INTO TRADE CONNECTIONS AND ROUTES**  
Wegner, Martina (Archaeological Heritage Office of Saxony)
- 10:15 **DISCUSSION SLOT**
- 11:00 **THE EMERGENCE AND ESTABLISHMENT OF A MEDIEVAL POTTERY PRODUCTION IN SCANDINAVIA**  
Brorsson, Torbjörn (Ceramic Studies) - Johansson, Erik (Department of Archaeology and Ancient History, Lund University)
- 11:15 **CLAY AND CHANGE: CHARACTERIZATION OF CERAMIC PRODUCTION IN MEDIEVAL AND MODERN TIMES IN FARO DE LIMANES, ASTURIAS, SPAIN**  
Piñera, Francisco (Universidad Nacional de Educación a Distancia UNED. Departamento de Prehistoria y Arqueología. Programa „Severo Ochoa“ de Ayudas Predoctorales del Principado de Asturias)
- 11:30 **LATE MEDIEVAL POTTERY FROM BENEVENTO CONTEXTS**  
Cammarota, Claudio (Università della Campania “Luigi Vanvitelli”)
- 11:45 **DISCUSSION SLOT**
- 12:00 **EVOLUTION OF POTTERY PRODUCTION IN MEDIEVAL FLANDERS: TRACING CULTURAL INFLUENCES AND TECHNOLOGY TRANSFERS (8TH-14TH CENTURY)**  
De Groote, Koen (Flanders Heritage Agency)

- 12:15 **EIGHTEENTH CENTURY TILES FOUND AT SAINT-JEAN-DU-DÉSERT, MARSEILLE, FRANCE**  
Abel, Véronique (Inrap - National Institute for Preventive Archaeological Research)
- 12:30 **POTTERY OF WESTERN ORIGIN AND THEIR INFLUENCE IN CENTRAL TRANS-DANUBIA (HUNGARY) IN THE LATE MIDDLE AGES**  
Kovács, Bianka (Hun-Ren Research Centre for the Humanities)
- 12:45 **DISCUSSION SLOT**
- 14:00 **ANALYZING THE FIRING PROCESS IN LEAD GLAZES FROM THE 14 TH TO THE 17 TH CENTURIES FROM BARCELONA, CATALONIA**  
Peix Visiedo, Judith - Coso Álvarez, Júlia - Buxeda I Garrigós, Jaume - Madrid I Fernández, Marisol (University of Barcelona; GRACPE - Research Group On Archaeology of Complex Societies and Processes of Social Change; IAUB - Institute of Archaeology of the University of Barcelona)
- 14:15 **POTTERY PRODUCTION AND TECHNOLOGICAL CHANGE IN THE KINGDOM OF SEVILLE (15TH-18TH CENTURIES): AN ARCHAEO-METRIC APPROACH**  
Coso Alvarez, Júlia - Buxeda I Garrigós, Jaume - Madrid I Fernández, Marisol (Universitat de Barcelona; GRACPE - Research Group On Archaeology of Complex Societies and Processes of Social Change; IAUB - Institute of Archaeology of the University of Barcelona)
- 14:30 **THE POTTER OR THERE AND BACK AGAIN - MIGRATION OF RHENISH POTTERS AS A DRIVING FACTOR IN TECHNOLOGY TRANSFER**  
Röser, Christian (LVR-Landesmuseum Bonn)
- 14:45 **DISCUSSION SLOT**
- 15:00 **DISCUSSION SLOT**

## 638 SYMBOLISM AND SOCIETY DURING THE LATE PREHISTORY OF WESTERN EUROPE: MEGALITHS AND HYPOGEA AS CASE STUDIES

**Room:** 48=CU006-FLG-Aula C

**Time:** 8:30 - 10:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Cicilloni, Riccardo (University of Cagliari) - Spanedda, Liliana - Rodríguez Rellán, Carlos (Universidad de Granada)

### ABSTRACTS

- 8:30 **ALL TOO HUMAN: ANTHROPOMORPHIC REPRESENTATIONS IN THE GALICIAN MEGALITHIC TOMBS**  
Valcarce, Ramón (University of Santiago de Compostela; CISPAC) - Ramírez, Fernando (University of Vigo)
- 8:45 **ANÁLISIS DE LOS OBJETOS DE ADORNO PERSONAL DE ÉPOCA CAMPANIFORME HALLADOS EN CONTEXTOS FUNERARIOS DE ANDALUCÍA (ESPAÑA) Y CERDEÑA (ITALIA)**  
Pau, Claudia (Universidad de Granada)
- 9:00 **ROCK-CUT TOMBS, DOLMENS, CAVES AND THOLOI WITHIN THE PORTUGUESE ESTREMADURA: REVISITING ERMEGEIRA AND OTHER TOMBS IN THE TORRES VEDRAS REGION**  
Van Calker, Daniel (UNUARQ - Centro de Arqueologia da Universidade de Lisboa) - Silva, Inês Sofia (Faculdade de Letras da Universidade de Lisboa) - Silva, Ana Maria (CIAS - Centro de Investigação Em Antropologia e Saúde; UNUARQ - Centro de Arqueologia da Universidade de Lisboa; CEF - Centre for Functional Ecology) - Sousa, Ana Catarina (UNUARQ - Centro de Arqueologia da Universidade de Lisboa)
- 9:15 **FEELS LIKE HOME? ARCHITECTURAL SYMBOLISM IN THE DOMUS DE JANAS OF SARDINIA**  
Lilley, Kirsty - Robin, Guillaume (University of Edinburgh)
- 9:30 **ENCLOSURES AND STONE CIRCLES OF PREHISTORIC SARDINIA IN RELATION TO THE MEGALITHIC TOMBS AND FUNERARY HYPOGEA**  
Marcialis, Paolo (Universidad de Granada) - de Martini, Maria Giovanna (Freelance)

## 9:45 A LOOK AT THE MORPHOTYOLOGY OF COPPER AGE BETILES IN IBERIA. ON THE LOS MILLARES ASSEMBLAGES

Dorado-Alejos, Alberto - Quero Díaz, Ada - Núñez Caravaca, Helena Adriana - Pérez L'Huillier, Daniel (Lab. of Archaeometry, Department of Prehistory and Archaeology, University of Granada) - Maldonado Ruiz, Alexis (University of Santiago de Compostela | Leiden University) - Castillo Gallego, Francisco Javier - Pinillos de la Granja, Paula (Department of Prehistory and Archaeology, University of Granada) - Basso Rial, Ricardo (University Institute of Research in Archaeology and Heritage, University of Alicante | Department of Prehistory and Archaeology, University of Granada) - García Martínez, Victoria - Cámara Serrano, Juan Antonio (Department of Prehistory and Archaeology, University of Granada)

## 10:00 THE COASTAL MEGALITH SITE OF PIETRA TARA, PALERMO. THE CULT SYSTEM OF THE UPPER ZONE. FIRST ANALYSIS OF THE ACROPOLIS

MERCadante, Francesca (Studio Geoarchpa Palermo) - Cabrero Correo, Carolina (Department of Prehistory and Archaeology, University of Granada)

## 10:15 DISCUSSION SLOT

## 643 THE EXPERIENCE OF STONE II: SCULPTING COMPARATIVE PHENOMENOLOGIES

**Room:** 21=CU003-FL4-Aula C

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Smith, Christina (Durham University) - D'Alisera, Alexander (Boston College)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **PERSISTENCE OR CHANGE? THE USE OF STONE IN THE ROOFING SYSTEMS OF ROMANESQUE CHURCHES OF NORTHERN ITALY (11TH-12TH CENTURIES)**  
Passuello, Angelo (Marie Skłodowska-Curie Postdoctoral Fellow - University of Cyprus - Archaeological Research Unit)
- 14:30 **PEARLY STARS, CELESTIAL REFLECTIONS, AND PENDENT VERSE: THE FOUNTAIN OF THE LIONS IN THE GARDEN OF BLISS**  
Cottignoli, Emilia (Stanford University)

- 14:45 A PHENOMENOLOGY OF CONSTRUCTION PROCESSES IN ROMAN NORTH AFRICA  
Peers, Max (Brown University)
- 15:00 DISCUSSION SLOT
- 15:15 FROM ST PAUL'S TO SANTA PUDENZIANA: THE AFFECTIVE PRESENCE OF SCULPTURE  
IN-THE-ROUND, AD 600-1100  
Smith, Christina (Durham University)
- 15:30 FLYING VISITS TO THE WORLD OF STONE: ANGELS, DEMONS AND CELESTIAL  
AIRDROPS ON PICTISH AND IRISH EARLY MEDIEVAL STONE SCULPTURE  
King, Michael (Independent)
- 15:45 DISCUSSION SLOT
- 16:30 NEW PHENOMENOLOGICAL APPROACHES TO UNDERGROUND STONESCAPES IN  
EARLY MEDIEVAL BRITAIN AND IRELAND  
d'Alisera, Alexander (Boston College)
- 16:45 VIEWING AND CREATING THE PAST IN VIKING AGE STONE SCULPTURE  
Stoner, Heidi (Canterbury Christ Church University)
- 17:00 DISCUSSION SLOT
- 17:15 THE SEIKILOS STELE: TELLING A STORY WITHOUT CONTEXT  
Alliata, Victoria (Independent Researcher)
- 17:30 FROM SILENT BEDROCK TO STONES OF MEANING  
Johnson, Andrew (Manx National Heritage)
- 17:45 TOUCHSTONE? EXPERIENCING 3D PRINTS OF EARLY MEDIEVAL CARVED  
MONUMENTS  
Kasten, Megan (University of Glasgow)
- 18:00 DISCUSSION SLOT

## 647 TRAJECTORIES OF AI IN ARCHAEOLOGICAL HERITAGE: GEOGRAPHIES, INNOVATIONS, FUTURE-MAKING, AND (IN)JUSTICES

- Room:** 58=CU033-FL4-Aula 7  
**Time:** 16:30 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Bonacchi, Chiara (University of Edinburgh) - Marras, Anna Maria (Università di Torino) - Rey da Silva, Arturo (University of Edinburgh)

### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 UNRAVELING THE ROLE OF LARGE LANGUAGE MODELS IN ARCHAEOLOGICAL  
HERITAGE: APPLICATIONS, CHALLENGES, AND ETHICAL IMPLICATIONS  
Marras, Anna Maria (University of Turin)
- 17:00 STORIES TO BE TOLD: PRESERVING EXCAVATION NARRATIVES IN AI/ML DATASETS  
DOCUMENTATION  
Osti, Giulia (University College Dublin)
- 17:15 AI'S ROLE IN MANAGING MARINE CULTURAL HERITAGE: CHALLENGES, POTENTIALS,  
AND ETHICAL CONSIDERATIONS  
Rey da Silva, Arturo (University of Edinburgh)
- 17:30 GENERATIVE AI FOR HERITAGE INSTITUTIONS: A CASE STUDY OF HISTORIC  
ENGLAND'S "HAZEL"  
Bonacchi, Chiara (University of Edinburgh) - Witte, Jessica (University  
of Edinburgh)
- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

## 648 WORKERS OF THE PAST UNITE! LABOUR STUDIES TODAY: A REFLECTION ON THE POTENTIALITIES AND LIMITS OF THE APPROACH

**Room:** 45=CU013-FL1-Conversi

**Time:** 8:30 - 13:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Tomei, Francesca (IMT School for Advanced Studies Lucca) - Vicenzutto, David (University of Padova) - Halbertsma, Diederik (University of Liverpool) - Politopoulos, Aris (Leiden University)

### ABSTRACTS

8:30 INTRODUCTION

8:45 HOW DOES LABOUR IMPACT THE POPULATION? THE RELEVANCE OF EARTHWORKS IN THE BRONZE AGE FORTIFIED SETTLEMENTS OF NORTHERN ITALY  
Vicenzutto, David (Università degli Studi di Padova)

9:00 FROM HOUSEHOLD TO COMMUNITY: THE ENERGETICS OF THE CONSTRUCTION OF AMBITIOUS BUILDINGS IN EARLY MYCENAEAN GREECE  
De Raaff, Yannick (Gothenburg University)

9:15 DISCUSSION SLOT

9:30 PUBLIC WORKS AND COMMUNITY AT THE DAWN OF THE POLIS. THE TEMPLE OF APOLLO IN GORTINA OF CRETE.  
Bonetto, Jacopo - Frizzera, Jacopo (University of Padova)

9:45 REFLECTIONS ON THE VALUE OF ENERGETICS TO UNDERSTAND RAPID URBANISATION AND LABOUR LOGISTICS IN CLASSICAL GREECE.  
Fitzjohn, Matthew (University of Liverpool)

10:00 PAINTING UNDER THE SHADOW OF A PALACE: THE CASE OF THE HOUSE OF THE FRESCOES AT KNOSSOS, CRETE.  
Georgiopolou, Vasiliki (Leiden University)

10:15 DISCUSSION SLOT

11:00 A LEATHER TANNING CRAFT IN MEDIEVAL AND POST-MEDIEVAL BRNO, CZECH REPUBLIC  
Pribylová, Michala (Archaia Brno, Z.Ú; MUNI - Department of Archaeology and Museology) - Ostrý, Ctibor (Brno City Museum) - Antal, Róbert (Institute of Archaeology of the Czech Academy of Sciences)

11:15 ENTREPRENEURING WOMEN: LABOUR AND THE LABOUR FORCE OF TEXTILE MANUFACTURE IN CLASSICAL GREECE  
Foxhall, Lin (University of Liverpool)

11:30 THE ORGANISATION OF LABOUR IN THE CERAMIC WORKSHOPS OF THE CHORA OF METAPONTO  
Tomei, Francesca (University of Liverpool)

11:45 DISCUSSION SLOT

12:00 DISCUSSION SLOT

## 653 INFECTIOUS DISEASE AND HYGIENE IN THE NEOLITHIC AND BRONZE AGE

**Room:** 60=CU022-EXT-Serra

**Time:** 8:30 - 10:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Civilyte, Agne (Lithuanian Institute of History) - Spyrou, Maria (Institute for Archaeological Sciences, University of Tübingen; Max Planck Institute for Evolutionary Anthropology, Leipzig)

### ABSTRACTS

8:30 INTRODUCTION

8:45 INFECTIOUS DISEASES AND THE SKELETON: NEW APPROACHES TO ANALYSING BONE PHENOTYPES ON THE EXAMPLE OF NEOLITHIC POPULATIONS  
Fuchs, Katharina - Petiti, Emmanuele (Kiel University) - Görner, Irina (Hessen Kassel Heritage)

9:00 FREQUENCY OF INFECTIOUS AND METABOLIC DISEASES ON OSTEO-DENTAL REMAINS IN NEOLITHIC, COPPER AGE AND BRONZE AGE CONTEXTS IN NORTHERN ITALY  
Mateyka, Taylor - Capecchi, Elisabetta (University of Bologna) - Cecconi, Viola (Servizio di BioArCheologia, Museo Delle Civiltà, Roma) - Cavazzuti, Claudio (University of Bologna)

9:15 OCCURRENCE OF HUMAN SKELETAL REMAINS ON LATE BRONZE AGE SETTLEMENTS FROM SW POLAND  
Haluszko, Agata (Institute of Archaeology, Maria Curie-Skłodowska University; Archeolodzy.Org Foundation) - Kanz, Fabian (Centre for Forensic Medicine, Medical University of Vienna) - Tangl, Stefan (Karl Donath Laboratory for Hard Tissue and Biomaterial Research, Univer-

sity Clinic of Dentistry, Medical University of Vienna; Austrian Cluster for Tissue Regeneration) - Dobsak, Toni (Karl Donath Laboratory for Hard Tissue and Biomaterial Research, University Clinic of Dentistry, Medical University of Vienna; Austrian Cluster for Tissue Regeneration) - Neumann, Gunnar (Max Planck Institute for Evolutionary Anthropology) - Haak, Wolfgang (Max Planck Institute for Evolutionary Anthropology) - Zólkowski, Grzegorz (Faculty of Mechanical Engineering, Wrocław University of Science and Technology) - Guziński, Maciej (Department of General and Interventional Radiology and Neuroradiology, Wrocław Medical University)

- 9:30 **A VIRAL PERSPECTIVE ON HUMAN PREHISTORY: THE NEOLITHIZATION AND LATE BRONZE AGE COLLAPSE OF HEPATITIS B VIRUS**  
Kocher, Arthur - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology) - Kühnert, Denise (Max Planck Institute of Geoanthropology; Robert Koch Institute)
- 9:45 **ARCHAEOGENETIC STUDIES OF TWO ANCIENT BRUCELLOSIS CASES**  
Neumann, Gunnar (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Spyrou, Maria (Eberhard Karls Universität Tübingen; Max Planck Institute for Evolutionary Anthropology, Leipzig) - Keller, Marcel (University of Basel; University of Tartu) - Klochko, Viktor (National University of Kyiv-Mohyla Academy) - Koško, Aleksander (Adam Mickiewicz University Poznań) - Šlaus, Mario (Croatian Academy of Sciences and Art, Zagreb) - Włodarczak, Piotr (Instytut Archeologii i Ethnologii PAN, Krakow) - Żurkiewicz, Danuta (Adam Mickiewicz University Poznań) - Haak, Wolfgang - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 10:00 **THE ANTISEPTIC AND ANTIPHLOGISTIC PROPERTIES OF MEDICINAL PLANTS USED SINCE PREHISTORY**  
Kramer, Axel (Institute for Hygiene and Environment Medicine, University of Greifswald) - Civilyte, Agne (Lithuanian Institute of History)
- 10:15 **DISCUSSION SLOT**

## 664 **ARCHAEOLOGICAL HERITAGE MANAGEMENT: PROCESSES AND MODELS FOR COMPARISON**

- Room:** 67=CU028-FLG-Aula 1  
**Time:** 8:30 - 16:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Jimenez Avila, Javier (Junta de Extremadura, Spain) - Taloni, Maria (Consiglio Nazionale Della Ricerca, Italy) - Vlachaki, Anna (Acropolis Museum, Athens)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **COMMON DIFFICULTIES AND DIFFERENT CONTEXTS: COMPARING ARCHAEOLOGICAL HERITAGE MANAGEMENT IN TWO WORLD HERITAGE SITES IN SPAIN**  
Corpas, Nekbet (Universidad Complutense de Madrid)
- 9:00 **STACKING HERITAGE: NEW APPROACHES TO THE CULTURAL MANAGEMENT SERVICES AT IPHES (INSTITUT CATALÀ DE PALEOECOLOGIA HUMANA I EVOLUCIÓ SOCIAL).**  
Hernando-Folch, Laura - Brià-Casarramona, Judit (Iphes)
- 9:15 **A GLIMPSE OF ITALY: THE MANAGEMENT OF ARCHAEOLOGICAL HERITAGE BETWEEN NEW REFORMS AND OLD PROBLEMS**  
Taloni, Maria (National Research Council of Italy - Institute of Heritage Science) - Leopardi, Laura - Malatesta, Saverio (Interdepartmental Research Centre „Digilab“ - Sapienza University of Rome)
- 9:30 **SOME ASPECTS OF ILLEGAL ANTIQUITIES TRADE IN THE DIGITAL SPACE IN POLAND**  
Mroczek, Diana (Adam Mickiewicz University)
- 9:45 **THE IMPORTANCE OF PUBLIC INVOLVEMENT IN THE ADAPTATION AND MODERNISATION OF MOUND SITES IN LITHUANIA 1919-2023**  
Virsilienė, Jurgita (Department of Cultural Heritage Under the Ministry of Culture)
- 10:00 **SAFEGUARDING JULIOPOLIS: PREPARING SITE MANAGEMENT PLAN IN THE CONTEXT OF INTERINSTITUTIONAL COMMUNICATION AND LEGISLATION IN TÜRKIYE**  
Büyükkarakaya, Ali (Hacettepe University, Department of Anthropology; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab) - Sertalp, Evren (Hacettepe University, Faculty of Communication, Department of Radio, Tv and Cinema; Human Behavioral Ecology



and Archaeometry Laboratory - Idea Lab) - Dolmuş, Muhammed (Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab)

10:15 DISCUSSION SLOT

11:00 DO NOT COMPARE - CONTRAST! THE DANGERS OF BORROWING MANAGEMENT PRACTICES FROM ELSEWHERE

Carman, John (University of Birmingham)

11:15 REVERSING OLD PRACTICES. NEW COLLABORATIVE APPROACHES TO THE REVISION OF THE UNESCO WORLD HERITAGE TENTATIVE LIST

La Piscopia, Patrizia (National Monuments Service; Department of Housing, Local Government and Heritage) - Cave, Claire (University College Dublin)

11:30 PROFESSIONAL ASSOCIATIONS AND TRADE ASSOCIATIONS IN ARCHAEOLOGY

Aitchison, Kenneth (Landward Research Ltd; Federation of Archaeological Managers & Employers; University of Liverpool)

11:45 DISCUSSION SLOT

12:00 TENSIONS AND COMPROMISES: THE POWER DYNAMICS OF STATE AND LOCAL AUTHORITIES IN THE NATIONAL ARCHAEOLOGICAL SITE PARK (NASP) MODEL

Lyu, Junting (University of Cambridge)

12:15 PRESERVING THE 'ORGANIC' LINK AT BEGUNIYA: UNDERSTANDING THE ROLE OF LOCAL POPULATION AT A 'PROTECTED MONUMENT' IN INDIA

Bagchi, Moubani - Sharma, Sukanya (Department of Humanities and Social Sciences, Indian Institute of Technology Guwahati)

12:30 COLLABORATIVE ARCHAEOLOGY, CULTURAL HERITAGE, AND THE MANAGEMENT OF MUSCOGEE (CREEK) NATION LANDS IN THEIR ANCESTRAL HOMELANDS OF UNIVERSITY OF GEORGIA

Thompson, Victor (University of Georgia) - Hunt, Turner - Butler, Raelynn - Wendt, Leeanne (Muscogee (Creek) Nation) - Garland, Carey (University of Georgia) - Luna Goya, Greg (National Park Service)

12:45 DISCUSSION SLOT

14:00 COMMUNITY ROLE IN CONSERVATION AND MANAGEMENT OF THE CHINCHORRO CULTURE SETTLEMENT, NORTHERN CHILEAN ATACAMA DESERT, UNESCO WORLD HERITAGE SITE

Casanova, Paz (Independent Researcher) - Power, Ximena (Instituto de Investigaciones Arqueológicas y Museo R.P. Gustavo Le Paige, Universidad Católica del Norte) - Díaz, Solange (Independent Researcher; ICOMOS) - Smith, Sebastian (Independent Researcher) - Guzmán,

Carolina (Independent Researcher) - Castillo, Camila (Chinchorro Marka Corporation)

14:15 REIMAGINING ARCHAEOLOGICAL HERITAGE MANAGEMENT IN PERU: THROUGH AN ERA OF THE QHAPAQ ÑAN'S PARTICIPATORY POLICY

Uribe Chinen, Claudia (Pontificia Universidad Católica del Perú)

14:30 DOES THE "POLLUTER PAYS PRINCIPLE" FIT ALL SITUATIONS?

Bortolin, Raffaella (Professional Archaeologist) - Pizzinato, Claudia (Professional Archaeologist; Università Ca' Foscari di Venezia)

14:45 DISCUSSION SLOT

15:00 DISCUSSION SLOT

## 679 GENDER AND SEXUALITIES IN MATERIAL CULTURE OF THE ANCIENT WORLD

**Room:** 26=CU002-FL1-Aula VI

**Time:** 8:30 - 16:00

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Santos, Juliana (Université Paris 1 Panthéon-Sorbonne) - Belo, Taís (Universidade de São Paulo) - Pires, Thiago (Centro Universitário Celso Lisboa) - Kibuuka, Brian (Universidade de Coimbra)

## ABSTRACTS

8:30 INTRODUCTION

8:45 RETHINKING ROMAN SEXUALITY: UNDERSTANDING SEXUAL EFFECTS OF THE ROMAN EMPIRE THROUGH ARCHAEOLOGICAL DATA

Vucetic, Sanja (University of Sheffield) - Madden, Kelsey (Institute of Classical Studies London)

9:00 POWER AND WOMEN'S REPRESENTATIONS ON MATERIAL CULTURE FROM THE EARLY EMPIRE: WHOSE VOICE?

Lopez Gomez, Helena (Universidade de Vigo)

9:15 CANDACE AND MATER PATRIAE: THE CONSTRUCTION OF FEMALE POLITICAL POWER IN AFRICA AND ROME IN THE EARLY ROMAN EMPIRE

Azevedo, Sarah (Full)

9:30 LANAM FECIT: »REAL« WOMEN IN ROMAN EMONA

Zupanek, Bernarda (Museum and Galleries of Ljubljana)

- 9:45 LIVIA'S COINS AND HER PUBLIC POSITION FROM A CURRENT FEMINIST POINT OF VIEW  
Pagoto Bélo, Tais (University of São Paulo)
- 10:00 SEXUALITY OF NORTH-EASTERN BARBARIAN SOCIETIES IN LATE ROMAN PERIOD  
Myzgin, Kyrylo - Bursche, Aleksander (Faculty of Archaeology, University of Warsaw)
- 10:15 DISCUSSION SLOT
- 11:00 WOMEN IN INTELLECTUAL CONTEXTS: SELF-PROMOTION, SELF-PRESENTATION, AND GENDER INTERACTIONS IN THE EASTERN ROMAN EMPIRE  
Caruso, Ada (Sapienza University of Rome)
- 11:15 EPIGRAPHIC CLUES FOR WOMEN'S LIVES IN ROMAN PROVINCES  
Ivezic, Hana (Archaeological Museum in Zagreb) - Radman-Livaja, Ivan (Archaeological Museum in Zagreb)
- 11:30 WOMEN IN VASE REGISTERS IN CLASSICAL ATHENS: A INTERCESSIONAL ANALYSIS  
Santos, Juliana (Université Paris 1 Panthéon-Sorbonne)
- 11:45 DISCUSSION SLOT
- 12:00 THE METAMORPHOSES OF TRANSVESTITE MEANINGS: THE TRAJECTORIES OF GENDER REPRESENTATIONS IN THE FINAL SCENE OF EURIPIDES' MEDEA  
Kibuuka, Brian (Coimbra University)
- 12:15 REPRESENTATIONS OF GENDER LIMINALITY IN THE CULTS OF DIONYSOS AND CYBELE  
Salerno, Emilia (Università di Palermo)
- 12:30 WOMEN IN SITULA ART BETWEEN ELITE REPRESENTATION AND EROTIC AGENCY  
Schaller, Clara (Ludwig-Maximilians-Universität Munich) - Nebelsick, Louis (UKSW Warsaw)
- 12:45 DISCUSSION SLOT
- 14:00 WOMEN'S GRAVES AND WOMEN IN GRAVES - REFLECTIONS ON FEMALE SARCOPHAGUS BURIALS IN HELLENISTIC ETRURIA  
Nazim, Laura (Ruhr-Universität Bochum)
- 14:15 POWERFUL WOMEN IN THE SHADOW: THE RISE AND FALL OF HELLENISTIC MACEDONIAN QUEENS CULTS  
Dipino, Luana (Independent Researcher; Sapienza University Alumna)
- 14:30 A VIEW ON GENDER AND SEXUALITY THROUGH THE ANTHROPOMORPHIC FIGURINES OF URKESH  
Mahmoud, Yasmine (IIMAS)

- 14:45 DISCUSSION SLOT
- 15:00 DISCUSSION SLOT

**695 DESTRUCTION, BURIAL OR JUST FADING AWAY. ROMAN CASE STUDIES ON THE DE-SACRALISATION OF RELIGIOUS SITES AND MATERIAL CULTURE IN ANTIQUITY**

- Room:** 36=CU005-FL1-Gismondi II  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** King, Anthony - Haussler, Ralph (University of Winchester) - Spickermann, Wolfgang (University of Graz) - Marco Simon, Francisco (University of Zaragoza)

**ABSTRACTS**

- 14:00 INTRODUCTION
- 14:15 COMPARATIVE APPROACHES TO THE DE-SACRALISATION OF RELIGIOUS SITES IN THE ROMAN WORLD  
Haeussler, Ralph (University of Winchester)
- 14:30 UBI ERAT LUCUS: RESACRALISATION AND TRANSFORMATION ON THE JANICULUM  
Bianchi Mancini, Sofia (Max-Weber-Kolleg, Universität Erfurt) - Pérez Yarza, Lorena (University of Warsaw)
- 14:45 DISCUSSION SLOT
- 15:00 VIOLENT DESACRALISATION: EXAMPLES OF ICONOCLASM IN SOUTHERN IBERIA  
Marco, Francisco (University of Zaragoza)
- 15:15 STILL CULT PLACES? EXPLORING THE MEANING BEHIND MONETARY DEPOSITS IN LATE ROMAN SANCTUARIES IN HISPANIA  
Gomez, Jose Carlos (Universidad de Málaga)
- 15:30 RUINATION, VENERATION AND SACRED MEMORY: THE ENDING OF TEMPLES IN ROMAN BRITAIN  
King, Anthony (University of Winchester)
- 15:45 DISCUSSION SLOT
- 16:30 ROTTEN BUILDINGS, PROFANE USE AND CHRISTIAN COMPETITION: THE END OF THE TEMPLES IN ROMAN GERMANIA AND GAUL  
Spickermann, Wolfgang (University of Graz)

- 16:45 FROM CELTIC CULT PLACE TO ROMAN TOWN: A CASE STUDY IN LAUSANNE-LOUSONNA (SWITZERLAND)  
Guichon, Romain (Archeodunum Investigations Archéologiques SA / University of Lausanne)
- 17:00 DISCUSSION SLOT
- 17:15 AN OVERLOOKED TREASURE IN THE LATE GALLO-ROMAN TEMPLE OF COBANNUS (BURGUNDY, FRANCE)  
Perruche, Rebecca (UMR 6249 Chrono-Environnement) - Nouvel, Pierre (UMR 6298 Arthehis)
- 17:30 FROM TEMPLE TO CHURCH: TESTING SETTLEMENT MODELS IN THE LATE ANTIQUE EGYPT LANDSCAPES OF MEDINET HABU, PHILAE AND ESNA  
Guimerà, Ariadna (Autonomous University of Barcelona) - de Soto, Pau (63075)
- 17:45 DISCUSSION SLOT

**731 CHANGES IN LIFE, CHANGES IN DEATH: AN INTEGRATIVE APPROACH TO THE NEOLITHIC TRANSFORMATIONS IN SOUTHWEST ASIA**

**Room:** 103=CNR01-FL1-Marconi  
**Time:** 8:30 - 16:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Fernandez, Eva (Department of Archaeology, Durham University) - Pearson, Jessica (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Chamel, Berenice (Institut Français Du Proche-Orient, Beyrouth; French Ministry of Foreign Affairs/CNRS) - Plug, Jo-Hannah (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Blevins, Kelly (Department of Archaeology, Durham University)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 AN INTEGRATIVE APPROACH TO UNDERSTANDING INFANT DEATH IN THE LATE EPIPALAEOLITHIC OF THE LEVANT  
Richter, Tobias (University of Copenhagen)

- 9:00 CONTINUITY AND CHANGE IN MORTUARY PRACTICES IN SOUTHWEST ASIA FROM THE NEOLITHIC TO THE EMERGENCE OF COMPLEX SOCIETIES  
Philip, Graham (Durham University)
- 9:15 DISCUSSION SLOT
- 9:30 EXPLORING MORTUARY PRACTICES DURING NEOLITHIC PERIOD IN TEPECİK-ÇİFTLİK HÖYÜK  
Emmez, Yaren (Yeditepe University, Department of Anthropology; Hacettepe University, Department of Anthropology; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab, Hacettepe University) - Büyükkarakaya, Ali Metin (Hacettepe University, Department of Anthropology; Human Behavioral Ecology and Archaeometry Laboratory - Idea Lab, Hacettepe University)
- 9:45 DEALING WITH THE DEAD AT TELL EL-KERKH, NORTHWEST SYRIA  
Jammo, Sari (Nagoya University) - Tsuneki, Akira (University of Tsukuba)
- 10:00 A MOMENT FOR THE MISFITS: HOW DO BODY DATA SPEAK TO SOCIAL STRUCTURE IN FEMINIST, MORE-THAN-HUMANIST FRAMES?  
Kay, Kevin (University of Leicester)
- 10:15 DISCUSSION SLOT
- 11:00 CONTRIBUTION OF FUNERARY DATA TO EXPLORE TELL HALULA'S ROLE IN EXCHANGE NETWORKS OF THE 8TH MILLENNIUM CAL BC  
Gomez Bach, Anna - Molist, Miquel - Orri, Olivia (Universitat Autònoma de Barcelona)
- 11:15 INVESTIGATING PATTERNS OF MOBILITY DURING THE PRE-POTTERY TO POTTERY NEOLITHIC OF SOUTHWEST ASIA USING STRONTIUM AND OXYGEN ISOTOPES  
Plug, Jo-Hannah (University of Liverpool) - Blevins, Kelly (Durham University) - Abbès, Frédéric (Université Lyon 2) - Akkermans, Peter (Leiden University) - Bach Gómez, Anna Maria (Universitat Autònoma de Barcelona) - Chambrade, Marie-Laure (The University of Chicago) - Coqueugnot, Eric (Université Lyon 2) - Pearson, Jessica (University of Liverpool) - Fernández-Domínguez, Eva (Durham University)
- 11:30 FOLLOWING THE HOOF-PRINTS: PARALLELS AND PECULIARITIES OF SMALL RUMINANT DOMESTICATION IN SOUTHWEST ASIA  
Daly, Kevin (University College Dublin)
- 11:45 DISCUSSION SLOT

- 12:00 **LIVESTOCK AND SOCIAL CHANGE IN THE PPNB OF SOUTHERN JORDAN**  
Price, Max (Durham University) - Makarewicz, Cheryl (University of Kiel)
- 12:15 **METRIC AND NON-METRIC DENTAL TRAITS FROM THE NEAR EAST POPULATIONS ON THE TRANSITION FROM HUNTER GATHERERS TO FARMERS**  
Dyowe Roig, Albert Epite (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Martínez Martínez, Laura M. (Departament de Biologia Evolutiva, Ecologia i Ciències Ambientals, Secció de Zoologia i Antropologia Biològica, Universitat de Barcelona; Institut d'Arqueologia de la Universitat de Barcelona) - Molist Montaña, Miquel (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Pérez-Pérez, Alejandro (Departament de Biologia Evolutiva, Ecologia i Ciències Ambientals, Secció de Zoologia i Antropologia Biològica, Universitat de Barcelona; Institut d'Arqueologia de la Universitat de Barcelona) - Estebananz, Ferran (Institut d'Arqueologia de la Universitat de Barcelona) - Coqueugniot, Eric (UMR Archéorient, Maison de l'Orient et de la Méditerranée)
- 12:30 **ANCIENT HUMAN DNA PRESERVATION AND GENETIC AFFINITY OF PRE-POTTERY AND POTTERY NEOLITHIC SITES OF NORTHERN SYRIA**  
Blevins, Kelly (Department of Archaeology, Durham University; Centre for BioArchaeological Research, Arizona State University) - Plug, Jo-Hannah (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Akkermans, Peter (Faculteit Archeologie, Universiteit Leiden) - CHAMel, Bérénice (Laboratoire Archéorient-Jean Pouilloux, UMR 5133. Maison de l'Orient et de la Méditerranée, Université Lyon; Institut Français du Proche-Orient, CNRS, Lebanon) - Coqueugniot, Éric (Laboratoire Archéorient- Jean Pouilloux, UMR 5133. Maison de l'Orient et de la Méditerranée, Université Lyon) - Molist, Miguel (Departament de Prehistoria, Universitat Autònoma de Barcelona) - Orange, Marie (Laboratoire Archéorient- Jean Pouilloux, UMR 5133. Maison de l'Orient et de la Méditerranée, Université Lyon; Department of Archaeology, Classics and History, University of New England) - Pearson, Jessica (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Fernández Domínguez, Eva (Department of Archaeology, Durham University)
- 12:45 **DISCUSSION SLOT**
- 14:00 **GENOMIC INSIGHTS INTO THE EMERGENCE OF NEOLITHIC VILLAGES IN WESTERN ANATOLIA**  
Koptekin, Dilek (University of Lausanne; Middle East Technical University) - Umurtak, Gülsün (Istanbul University) - Duru, Refik (Istanbul

University) - Fidan, Erkan (Bilecik Şeyh Edebali University) - Çevik, Özlem (Trakya University) - Erdoğan, Burçin (Akdeniz University) - Korkut, Taner (Akdeniz University) - Malaspinas, Anna-Sapfo (University of Lausanne) - Götherström, Anders (Stockholm University) - Ancient Dna Teams, METU/Hacettepe (METU/Hacettepe Ankara, Turkey)

- 14:15 **ANCIENT GENOMES OF ÇATALHÖYÜK: LACK OF FEMALE EXOGAMY AND PREVALENCE OF MATERNAL RELATEDNESS AMONG INTRAMURAL BURIALS**  
Somel, Mehmet - Yüncü, Eren - Küçükakdağ Doğu, Ayça - Kaptan, Damla - Kılıç, Muhammed (Middle East Technical University) - Hodder, Ian (Stanford University) - Knüsel, Christopher (University of Bordeaux; Stanford University) - Ancient Dna Team, METU/Hacettepe (Middle East Technical University)
- 14:30 **UNRAVELING THE FUNERARY RITES: INSIGHTS FROM BURIAL PRACTICES AT ÇATALHÖYÜK CHARNEL HOUSE.**  
Harabasz, Katarzyna (Uniwersytet Szczeciński)
- 14:45 **KINSHIP AT ÇATALHÖYÜK: PART 2, THE BIOLOGICAL DATA**  
Ensor, Bradley (Eastern Michigan University) - Souvatzi, Stella (University of Thessaly)
- 15:00 **DISCUSSION SLOT**
- 15:15 **DISCUSSION SLOT**

### 733 **INTERDISCIPLINARY APPROACHES TO THE ARCHAEOLOGY OF ROMAN TEXTILES - A STORY TOLD THROUGH THREADS**

- Room:** 77=CU002-FLG-Aula XIII Massimo D'Antona  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Coletti, Francesca (Department of Classics, Sapienza University of Rome) - Carroll, Maureen (Department of Archaeology, University of York) - Droß-Krüpe, Kerstin (Department of Alte Geschichte, Ruhr-Universität Bochum)

### ABSTRACTS

- 8:30 **LIVING LAVISHLY: LUXURY TEXTILES FROM DURA-EUROPOS AND PALMYRA**  
Fowlkes Childs, Blair (New York University)

- 8:45 **BEYOND THE RAINBOW: TECHNICAL AND SCIENTIFIC FINDINGS OF FOUR TEXTILE FRAGMENTS WITH SHADED BANDS FROM DURA-EUROPOS**  
Poskrobko, Janina - Ferrari, Martina - Lackner, Rachel - Shibayama, Nobuko (The Metropolitan Museum of Art)
- 9:00 **THE ORIGIN, PRODUCTION, (RE-)USE AND TRADE OF DELICATE FABRICS AT THE TRANSITION FROM LATE ANTIQUITY TO THE EARLY ISLAMIC PERIOD**  
Hildebrandt, Berit (Georg-August-University Goettingen)
- 9:15 **DISCUSSION SLOT**
- 9:30 **UNRAVELLING THE GOLDEN THREADS: SCIENTIFIC INVESTIGATIONS OF ROMAN GOLDEN TEXTILES FROM THE VESUVIAN AREA**  
Rossignoli, Guia - Cagnini, Andrea - Galeotti, Monica - Gennaioli, Riccardo (Opificio Delle Pietre Dure) - Miele, Floriana (National Archaeological Museum of Naples) - Patera, Anna - Petrocchi, Dominique - Porcinai, Simone - Scibè, Cristina - Rotondi, Giovanni (Opificio Delle Pietre Dure)
- 9:45 **ROMAN TEXTILE TECHNOLOGY AND CONSUMPTION: THE TEXTILE COLLECTIONS FROM THE VESUVIAN AREA**  
Coletti, Francesca (Sapienza University, Department of Classics)
- 10:00 **NEW DEVELOPMENTS IN CHARACTERIZATION OF ARCHEOLOGICAL TEXTILES: A COMPLETE STUDY OF DYES AND PROTEINS ANALYSIS IN A UNIQUE WORKFLOW**  
Serafini, Ilaria (Sapienza University of Rome - Department of Chemistry; Smithsonian Institution - Museum Conservation Institute) - Ciccola, Alessandro (Sapienza University of Rome - Department of Environmental Biology) - Bosi, Adele (CNR -ISC) - Coletti, Francesca - Galli, Marco (Sapienza University of Rome - Department of Classics) - Gleba, Margarita (Padua University - Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music) - Favero, Gabriele (Sapienza University of Rome - Department of Environmental Biology) - Kavich, Gwénaëlle - Cleland, Timothy (Smithsonian Institution - Museum Conservation Institute)
- 10:15 **DISCUSSION SLOT**
- 11:00 **INTRODUCING THE ROMAN TEXTILE DATABASE**  
Dimova, Bela (University of Padua)
- 11:15 **TEXTILES FROM THE ROMAN PERIOD IN THE GERMANIC PROVINCES**  
Linscheid, Petra (University of Bonn)
- 11:30 **TEXTILES AND FUNERARY RITUAL IN ROMAN YORKSHIRE**  
Carroll, Maureen (University of York)

- 11:45 **DISCUSSION SLOT**
- 12:00 **AN ASSEMBLAGE OF ARCHAEOLOGICAL TEXTILES FROM SOKNOPAIU NESOS (FAYYUM, EGYPT)**  
Cozza, Francesca (University of Salento)
- 12:15 **AN ANALYSIS OF THE ROMAN TEXTILES FROM QASR IBRIM**  
Hitchens, Sarah (Independent Researcher)
- 12:30 **THREADS OF WAR. TEXTILES AND SCALE ATTACHMENT IN ROMAN SCALE ARMOUR**  
Wijnhoven, Martijn (Institute of Archaeology of the Czech Academy of Sciences, Brno)
- 12:45 **DISCUSSION SLOT**
- 14:00 **TEXTILE USAGE IN THE ROMAN IMPERIAL DEFENSIVE EQUIPMENT**  
Spagari, Fabio - Malaman, Elisabetta (Università degli Studi di Padova)
- 14:15 **TOWARDS THE ARCHAEOLOGY OF ROMAN TEXTILES IN SERBIA - PRODUCTION OF TEXTILE IN VIMINACIUM**  
Marjanovic, Milica - Dankovic, Ilija (Institute of Archaeology Belgrade)
- 14:30 **TEXTILE WORKSHOPS IN POMPEII: PAST RESEARCH AND FUTURE PERSPECTIVES**  
Casa, Giacomo (Sapienza Università di Roma)
- 14:45 **DISCUSSION SLOT**
- 15:00 **DISCUSSION SLOT**

### 735 **POST-MEDIEVAL CEMETERIES ON THE FOCUS - ANTHROPOLOGICAL AND ARCHAEOLOGICAL STUDIES ABOUT THE PAST 500 YEARS**

**Room:** 55=CU033-FL2-Mortara

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Libor, Csilla (Hungarian National Museum) - Lepionka, Hubert (Podlaskie Museum in Bialystok) - Dec, Olga (Adam Mickiewicz University) - Balogh Bodor, Tekla (Hungarian National Museum)

### ABSTRACTS

- 8:30 **UNVEILING THE SECRETS OF THE LATE MEDIEVAL CHURCH OF MANEA BRUTARU IN BUCHAREST (ROMANIA)**  
Sonu, Diana - Manea, Ioana (Bucharest Municipality Museum)

- 8:45 **UNVEILING FAMILIAL DYNAMICS IN THE MIDDLE AGES: A CASE STUDY OF THE VANISHED VILLAGE OF GAĆ, POLAND**  
Gembicki, Maciej (University of Adam Mickiewicz, Faculty of Archaeology) - Snow, Meradeth - Airola, Danielle - Czaplinska, Tina (University of Montana, Department of Anthropology) - Krzepakowski, Marcin (Regional Museum of Wagrowiec)
- 9:00 **EXTERIOR SPLENDOUR - EARLY MODERN BURIALS (C. 1600-1738) IN THE CLOISTER AT RIBE CATHEDRAL**  
Knudsen, Maria (Museum Vest (Denmark))
- 9:15 **DISCUSSION SLOT**
- 9:30 **ST. ROMBOUT'S CEMETERY IN MECHELEN, BELGIUM (10TH-18TH CENTURY AD): AN ARCHAEOGENETIC PERSPECTIVE**  
Pierini, Federica - Giffin, Karen (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Coppola-Bove, Lorenza (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada) - Kirkpatrick, Casey (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Anthropology, University of Western Ontario) - Van de Vijver, Katrien (Royal Belgian Institute of Natural Sciences) - Bos, Kirsten (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)
- 9:45 **CHILDREN OF SZÉCSÉNY - BIOARCHAEOLOGICAL APPROACH OF THE NONADULT REMAINS OF A POST-MEDIEVAL CEMETERY FROM HUNGARY**  
Líbor, Csilla - Balogh Bodor, Tekla - Szénágy-Laczkó, Virág (Hungarian National Museum) - Zay, Orsolya (István Dobó Castle Museum)
- 10:00 **THE EXCAVATIONS OF CHILDREN'S BURIAL GROUNDS (CILLÍNÍ) IN IRELAND**  
Mundt, Courtney (Queen's Univeristy Belfast)
- 10:15 **DISCUSSION SLOT**
- 11:00 **LIFE AND DEATH IN THE POST-MEDIEVAL WORLD**  
Balogh Bodor, Tekla (Magyar Nemzeti Múzeum)
- 11:15 **DOLMANS AND THEIR OWNERS - DOLMAN REMAINS FROM THE GRAVES IN THE CHURCH OF ST. MARTIN AT PROZORJE, CROATIA**  
Stingl, Sebastijan - Kokotović, Tea - Belaj, Juraj (Institute of Archaeology)

- 11:30 **CHRISTIAN CHANGES WITH PERSISTING PAGANISM? COMPARATIVE STUDY OF MOGILKI CEMETERIES RITES IN THE POST-MEDIEVAL TERRITORY OF TODAY PODLASIE, NORTH-EASTERN POLAND.**  
Lepionka, Hubert (Podlasie Museum in Białystok)
- 11:45 **DISCUSSION SLOT**
- 12:00 **ANTHROPOLOGICAL COMPARATIVE ANALYSIS OF THE POPULATIONS FROM THE POST-MEDIEVAL STELAE CEMETERIES FROM PODLASIE REGION, POLAND**  
Dec, Olga (Adam Mickiewicz University) - Słodka, Angelika (Independent Researcher) - Lepionka, Hubert (Podlasie Museum in Białystok)
- 12:15 **TALES FROM BEYOND THE GRAVE - WHAT BURIALS FROM VALENÇA FORTRESS CAN TELL US.**  
Alves, Alexandrina (Lab2Pt; CIAS)
- 12:30 **A TALE OF TWO CLOISTERS, A TALE OF TWO CITIES - A FUNERARY BIOARCHAEOLOGICAL COMPARISON OF TWO POST-MEDIEVAL BURIAL SITES.**  
Lema Seabra, Ana (CIAS)
- 12:45 **DISCUSSION SLOT**
- 14:00 **THE INFORMATIVE ROLE OF POST-MEDIEVAL OSSUARIES: THE EXAMPLE OF THE CRYPT OF SANT'AGOSTINO IN SASSARI (XVII-XIX CENTURIES)**  
Milanese, Marco (University of Sassari - Department of History, Human Sciences and Education) - Moshfegh Monazah, Leila (Insitutt for Historiske Og Klassiske Studier - NTNU - Trondheim) - Roggio, Cinzia (University of Sassari - Department of History, Human Sciences and Education)
- 14:15 **PALAEOPATHOLOGICAL ANALYSIS OF INDIVIDUALS FROM A POST-MEDIEVAL SITE IN SLOVENIA.**  
Lisic Fox, Nidia - Leskovar, Tamara (University of Ljubljana)
- 14:30 **PATHOLOGICAL CHANGES IN HUMAN BONES FROM THE MODERN PARISH CEMETERY AT ST. BARBARA CHURCH IN WROCLAW**  
Galdyn, Natalia - Bernacka, Natalia - Kwiatkowska, Barbara (Wroclaw University of Environmental and Life Sciences) - Dąbrowski, Paweł (Wroclaw Medical University)
- 14:45 **DISCUSSION SLOT**
- 15:00 **DISCUSSION SLOT**

- 736 INTERDISCIPLINARY TRAJECTORIES IN MORTAR ANALYSIS OF HISTORICAL BUILDINGS**
- Room:** 15=CU003-FL3-Aula XXII  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Bellato, Giulia (Trinity College, University of Cambridge) - Bianchi, Giovanna (Department of History and Cultural Heritage, University of Siena) - Lubritto, Carmine (Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, Marea Centre, University of Campania „Luigi Vanvitelli“) - Arrighetti, Andrea (École Normale Supérieure, Université PSL)

### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 **APPLICATION OF THE RADIOCARBON METHOD TO MORTARS IN ARCHAEOLOGICAL CONTEXTS**  
 Vecchiattini, Rita (Dipartimento Architettura e Design) - Università di Genova; Istituto di Storia della Cultura Materiale) - Pesce, Giovanni (Department of Mechanical and Construction Engineering - Northumbria University; Istituto di Storia della Cultura Materiale)
- 14:30 **LIFE AFTER 14 YEARS OF EXPERIENCE WITH MORTAR DATING BY CRYO(2)SONIC PROCEDURE: CURRENT STATE OF THE ART AND FUTURE PERSPECTIVES.**  
 Marzaioli, Fabio - Passariello, Isabella - Terrasi, Filippo (Università degli Studi della Campania, Dipartimento di Matematica e Fisica) - Nonni, Sara (The University of Manchester at Harwell) - Secco, Michele (Università degli Studi di Padova-Dipartimento dei Beni Culturali: Archeologia, Storia Dell'Arte, del Cinema e della Musica) - Ricci, Giulia (Università degli Studi di Padova- Dipartimento di Geoscienze) - Artigoli, Gilberto (Università degli Studi di Padova- Dipartimento di Geoscienze) - Lubritto, Carmine (Università degli Studi della Campania)
- 14:45 **TECHNOLOGICAL CHANGES AND CONTINUITIES IN MORTAR PRODUCTION: A VALUABLE TOOL FOR THE CHRONOLOGICAL INTERPRETATION OF COMPLEX HERITAGE CONTEXTS**  
 Razzante, Valeria - Secco, Michele - Dilaria, Simone - Ricci, Giulia - Previato, Caterina - Bonetto, Jacopo - Chavarría Arnau, Alexandra - Brogiolo, Gian Pietro (Dipartimento dei Beni Culturali, Università

di Padova) - Marzaioli, Fabio (Dipartimento di Matematica e Fisica, Università degli Studi della Campania Luigi Vanvitelli)

- 15:00 **BINDER SELECTION PROCEDURE OF FLORENTINE HISTORICAL BUILDINGS FOR RADIOCARBON DATING**  
 Calandra, Sara (Department of Earth Sciences, University of Florence; Department of Chemistry Ugo Schiff, University of Florence) - Cantisani, Emma - Fratini, Fabio - Salvadori, Barbara (Institute of Heritage Science - National Research Council of Italy, Sesto Fiorentino) - Conti, Claudia (Institute of Heritage Science - National Research Council of Italy) - Arrighetti, Andrea (École Normale Supérieure, Université PSL) - Barone, Serena (National Institute for Nuclear Physics, Unit of Florence; Department of Physics, University of Florence) - Liccioli, Lucia - Fedi, Mariaelena (National Institute for Nuclear Physics, Unit of Florence) - Garzonio, Carlo (Department of Earth Sciences, University of Florence)
- 15:15 **CHARACTERIZATION AND PREPARATION OF ARCHAEOLOGICAL MORTARS FOR AN EFFECTIVE RADIOCARBON DATING: THE CASE-STUDY OF SAMPLES FROM MEDITERRANEAN AREA**  
 Di Cicco, Maria (Università di Campania Luigi Vanvitelli) - Germinario, Chiara - Grifa, Celestino (Department of Sciences and Technology, University of Sannio, Benevento) - Spagnuolo, Antonio (Energreenup Srl) - Altieri, Simona - Mantile, Noemi (Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, University of Campania “Luigi Vanvitelli” and Marea Centre) - Sabatella, Arianna (Department of Sciences and Technology, University of Sannio) - Lubritto, Carmine (Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, University of Campania “Luigi Vanvitelli” and Marea Centre)
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT
- 16:30 **THE LIMEKILN OF THE MEDIEVAL SETTLEMENT OF MONTECORVINO (FOGGIA, APULIA): A MULTIDISCIPLINARY RESEARCH.**  
 Cardone, Angelo (Università degli Studi di Bari) - Cataneo, Carlo (Unisalento - Dip. Beni Culturali) - della Penna, Valeria (Università di Foggia) - Eramo, Giacomo (Università degli Studi di Bari A. Moro - Dip. Scienze della Terra e Geoambientali) - Favia, Pasquale (Università di Foggia) - Fiorentino, Girolamo (Unisalento - Dip. Beni Culturali; LAP- Laboratorio di Archeobotanica e Paleocologia) - Giuliani, Roberta (Università degli Studi di Bari A. Moro; Prin My-Fortlands)

- Stella, Matilde (Unisalento - Dip. Beni Culturali; LAP- Laboratorio di Archeobotanica e Paleocologia)

16:45 **COMBINING MORTAR, WOOD, CARTOGRAPHIC AND DOCUMENTARY EVIDENCE TO UNDERSTAND THE MEDIEVAL TOWERS OF NEGROPONTE**  
Blackler, Andrew (Hellenic Society for Near-Eastern Studies) - Panagopoulou, Adamantia (Institute of Nanoscience and Nanotechnology "Demokritos" National Centre for Scientific Research, Athens)

17:00 **THE KEYS TO SUCCESS: INTERDISCIPLINARITY IN THE DATING OF MORTARS FROM SANTALLA DE BÓVEDA (LUGO, GALICIA, SPAIN)**  
Sanjurjo-Sanchez, Jorge (University of a Coruña) - Blanco-Rotea, Rebeca (Landscapes, Heritage and Territory Laboratory - Lab2Pt, University of Minho) - Freire-Lista, David (Departamento de Geología, Universidade de Trás-Os-Montes e Alto Douro and Centro de GeoCiencias da Universidade de Coimbra) - Benavides García, Rosa (Independent Researcher)

17:15 **THE CASTLES PROJECT**  
Bianchi, Giovanna (University of Siena) - Arrighetti, Andrea (École Normale Supérieure, Université PSL) - Bellato, Giulia (University of Cambridge) - Lubritto, Carmine (University of Campania „Luigi Vanvitelli“) - Garzonio, Carlo Alberto (University of Florence)

17:30 DISCUSSION SLOT

17:45 DISCUSSION SLOT

### 738 **RECLAIMING HERSTORY: WOMEN IN MEDITERRANEAN ARCHAEOLOGY FROM THE 18TH CENTURY TO TODAY**

**Room:** 16=CU003-FL3-Chabod

**Time:** 14:00 - 18:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Berlanga, María José (Universidad de Málaga) - Díaz-Andreu, Margarita (ICREA; Universitat de Barcelona) - Ferrara, Bianca (Università degli Studi di Napoli Federico II) - Pizzato, Fedra (Università degli Studi di Verona)

#### ABSTRACTS

14:00 **FOUNDATION DEPOSITS: THE CAREERS OF EMILY PATERSON AND MARY C. JONAS OF THE EGYPT EXPLORATION SOCIETY**  
Sheppard, Kathleen (Missouri S&T)

14:15 **A 'BENEFACTOR OF SCIENCE' MARIA FIORONI, AN (AMATEUR) ARCHAEOLOGIST, MUSEOLOGIST, AND PHILANTHROPIST**  
Pizzato, Fedra (University of Verona)

14:30 **PIONEERING WOMEN AT CUICUL-DJEMILA: ROLE AND IMPACT IN XXTH CENTURY ARCHAEOLOGY IN ALGERIA.**  
Sadaoui, Dahia (Archéologie; Université Aix-Marseille)

14:45 DISCUSSION SLOT

15:00 **ANOTHER HISTORY OF ANCIENT NEAR EASTERN ARCHAEOLOGY: THE ROLE OF WOMEN WORKING AT THE LOUVRE MUSEUM (LATE 19TH-20TH CENTURIES)**  
Rannou, Raphaëlle (Institut National d'Histoire de l'Art; Ecole du Louvre; Tours University)

15:15 **ARCHAEOLOGY AS A WORLD-VIEW: ANNAMARIE SCHWARZENBACH AND THE FEMALE ARCHAEOLOGISTS IN THE EARLY 20TH CENTURY**  
Ferrara, Bianca (Università degli Studi di Napoli Federico II) - Giacco, Marialucia (Museo Archeologico Nazionale di Napoli)

15:30 **THE ARCHAEOLOGICAL ACTIVITIES OF ELEONORA BRACCO IN BASILICATA (1933-1961)**  
Donnici, Fabio (Università degli Studi della Basilicata)

15:45 DISCUSSION SLOT

16:30 **SPANISH SCHOLARSHIP HOLDERS AT THE ISTITUTO INTERNAZIONALE DI STUDI LIGURI (BORDIGHERA)**  
Berlanga, María José (Universidad de Malaga)

16:45 **FEMININE PRESENCE IN ARCHAEOLOGY AT THE CSIC: THE AUTHORS OF ARCHIVO ESPAÑOL DE ARQUEOLOGÍA DURING THE FRANCO DICTATORSHIP (1939-1975)**  
Fernández, Alba (Complutense University of Madrid)

17:00 **CHASING THE SUN - WOMEN ARCHAEOLOGIST IN POLISH RESEARCH IN THE MEDITERRANEAN BASIN**  
Wozny, Marzena (Archaeological Museum in Krakow) - Werra, Dagmara (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

17:15 DISCUSSION SLOT

17:30 **CONVERSATIONS BETWEEN SPAIN AND CHINA ON THE HISTORY OF WOMEN IN ARCHAEOLOGY: WHAT WE CAN LEARN FROM EACH OTHER**  
Dong, Tianyi (Departament d'Historia I Arqueologia, Universitat de Barcelona; Institut d'Arqueologia IAUB) - Díaz-Andreu, Margarita (ICREA; Departament d'Historia I Arqueologia, Universitat de Barcelona; Institut d'Arqueologia IAUB)



- 17:45 **WOMEN AND ARCHAEOLOGY IN SICILY BETWEEN THE MID-20TH AND 21ST CENTURIES**  
Congiu, Marina (Independent Researcher)
- 18:00 **WRITING THE WOMEN ARCHAEOLOGIST IN ALGERIA: BETWEEN CONTEMPORARY CHALLENGES AND FUTURE ASPIRATIONS**  
Bourai, Donia (University Centre Morsli Abdellah)
- 18:15 **DISCUSSION SLOT**

### 743 **ISOTOPIC BASELINES AND BEYOND: EXPANDING ARCHAEOLOGICAL NARRATIVES AND REEVALUATING THE USE OF BASELINES IN ISOTOPE BIOARCHAEOLOGY**

- Room:** 16=CU003-FL3-Chabod  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Salesse, Kévin (Department of Anthropology, Masaryk University) - James, Hannah F. (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - Kootker, Lisette (Department of Earth Sciences, Vrije Universiteit Amsterdam) - Cheung, Christina (Department of Anthropology, Chinese University of Hong Kong)

#### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **BACK TO BASELINES**  
Snoeck, Christophe (AMGC, Vrije Universiteit Brussel)
- 9:00 **COPING WITH LOESS: ENDEAVORS TO ESTABLISH AN 87SR/86SR BASELINE IN THE LOWER DANUBE RIVER VALLEY**  
Tafari, Aurélien (Research Institute of the University of Bucharest, Archaeosciences Division, University of Bucharest) - Tykot, Robert (Department of Anthropology, University of South Florida) - Lazăr, Cătălin (Research Institute of the University of Bucharest, Archaeosciences Division, University of Bucharest) - Salesse, Kévin (Department of Anthropology, Faculty of Science, Masaryk University) - James, Hannah (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Multidisciplinary Archaeology Research Institute, Department of Art Sciences &

Archaeology, Vrije Universiteit Brussel) - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Multidisciplinary Archaeology Research Institute, Department of Art Sciences & Archaeology, Vrije Universiteit Brussel)

- 9:15 **TOWARDS A STRONTIUM ISOSCAPE FOR POLAND: DATA COLLECTION, CHALLENGES AND POTENTIAL.**  
Dudek, Paulina - Tarasow, Natalia - Michalak, Oliwia - Regina, Kamil (University of Gdansk) - Pospieszny, Łukasz (University of Gdansk; University of Bristol)

- 9:30 **EXPLORING DIFFERENT APPROACHES TO ISOTOPE MAPPING AND MODELLING FOR A DYNAMIC STRONTIUM ISOSCAPE - A CASE STUDY OF BELGIUM**  
Sengeløv, Amanda (Research Unit Anthropology and Human Genetics; G-Time Laboratory, Université Libre de Bruxelles; Department of Archaeology, Ghent University) - Capuzzo, Giacomo (Bagolini Laboratory: Archaeology, Archaeometry, Photography - LaBAAF, Department of Humanities, University of Trento) - Dalle, Sarah (Department of Archaeology, Ghent University; Research Unit Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel, AMGV-WE-VUB) - James, Hannah (Research Unit Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel, AMGV-WE-VUB) - Sabaux, Charlotte (Research Unit Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles; Department of Archaeology, Ghent University; Research Unit Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel, AMGV-WE-VUB) - Legrand, Emma (Research Unit Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel, AMGV-WE-VUB) - de Mulder, Guy (Department of Archaeology, Ghent University) - Mattielli, Nadine (G-Time Laboratory, Université Libre de Bruxelles) - Snoeck, Christophe (Research Unit Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel, AMGV-WE-VUB) - Vercauteren, Martine (Research Unit Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles)

- 9:45 **A NEW BIOAVAILABLE STRONTIUM BASELINE FOR THE BAIKAL REGION**  
Werens, Karolina (School of Archaeology, University of Oxford; Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel) - Pouncett, John (School of Archaeology, University of Oxford) - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of

- Chemistry, Vrije Universiteit Brussel) - Schulting, Rick (School of Archaeology, University of Oxford) - Weber, Andrzej (Department of Anthropology, University of Alberta)
- 10:00 **CREATION OF ESTONIAN STRONTIUM ISOSCAPES: CHALLENGES AND SOLUTIONS**  
Sun, Raivo (Institute of History and Archaeology, University of Tartu) - Oras, Ester (Institute of History and Archaeology, University of Tartu; Institute of Chemistry, University of Tartu) - Tõrv, Mari - Kriiska, Aivar (Institute of History and Archaeology, University of Tartu)
- 10:15 **DISCUSSION SLOT**
- 11:00 **MOBILITY OR DIET? THE IMPORTANCE OF INTERPRETING BIOARCHAEOLOGICAL STRONTIUM DATA ALONGSIDE ENVIRONMENTAL BASELINES AND ARCHAEOLOGICAL INFORMATION**  
James, Hannah (Archaeology, Environmental Changes & Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Cortesão Silva, Filipa (Department of Prehistory and Archaeology, University of Seville; Research Centre for Anthropology and Health, University of Coimbra) - Lima, Antonio (Direção Regional de Cultura Do Norte) - Cheung, Christina (Department of Anthropology, Chinese University of Hong Kong; Archaeology, Environmental Changes & Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Gerritzen, Carina - Griffith, Jacob - Snoeck, Christophe (Archaeology, Environmental Changes & Geo-Chemistry Research Group, Vrije Universiteit Brussel)
- 11:15 **HIGH-RESOLUTION OXYGEN ISOTOPE ANALYSES OF HUMAN TEETH REVEAL CONSIDERABLE INTRA- AND INTER-INDIVIDUAL VARIATION WITHIN AND AMONG GEOGRAPHIC LOCATIONS**  
Avila, Janaina (School of the Environment, University of Queensland, Queensland, Australia; Griffith Centre for Social and Cultural Research, Griffith University) - Eerkens, Jelmer (Department of Anthropology, University of California Davis) - Soficaru, Andrei (Francisc I. Rainer Institute of Anthropology, Romanian Academy) - Soltysiak, Arakadiusz (Faculty of Archaeology, University of Warsaw) - Williams, Ian (Research School of Earth Sciences, the Australian National University, Australian Capital Territory, Australia) - Smith, Tanya (Griffith Centre for Social and Cultural Research, Griffith University; Australian Research Centre for Human Evolution, Griffith University)
- 11:30 **SHIFTING SANDS: BUILDING A BASELINE FOR SWANDRO, AN IRON AGE COASTAL SITE ON THE VERGE OF DISAPPEARING INTO THE SEA**  
Koon, Hannah (Department of Archaeological and Forensic Sciences, University of Bradford) - Spindler, Luke (Department of Archaeologi-

cal and Forensic Sciences, University of Bradford) - Dockrill, Stephen - Bond, Julie (Department of Archaeological and Forensic Sciences, University of Bradford)

- 11:45 **THE VALUE OF A WELL-DOCUMENTED ISOTOPIC BASELINE FOR MODELLING HUMAN DIETARY PRACTICES: A HIGH-RESOLUTION CASE STUDY FROM THE EARLY NEOLITHIC**  
Herrscher, Estelle (CNRS, Lampea UMR 7269, Aix-En-Provence) - Tacail, Théo (California Institute of Technology) - André, Guy (CNRS, Lampea UMR 7269, Aix-En-Provence) - Hachem, Lamys (Inrap; CNRS, Trajectoires UMR 8215, Paris) - Hamon, Caroline (CNRS, Trajectoires UMR 8215, Paris)
- 12:00 **FISH(Y) BASELINES. EXPLORING CHALLENGES OF DIETARY RECONSTRUCTIONS IN ANCIENT ROME THROUGH STABLE ISOTOPE ANALYSIS.**  
Salesse, Kévin (Department of Anthropology, Faculty of Science, Masaryk University)
- 12:15 **DISCUSSION SLOT**
- 12:30 **DISCUSSION SLOT**

## 772 **EMBRACING TRANSDISCIPLINARITY: MULTIPLE WAYS OF SEEING THE PAST THROUGH DIFFERENT ONTOLOGIES**

**Room:** 1=CU003-EXT-CISADU

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Kristiansen, Kristian (University of Gothenburg and Copenhagen) - Frieman, Catherine (Australian National University)

### ABSTRACTS

8:30 **INTRODUCTION**

8:45 **WHO GETS TO DRIVE? TRANSDISCIPLINARITY AND THE CHALLENGES OF INTEGRATED APPROACHES IN BIOMOLECULAR ARCHAEOLOGY**  
O'Connell, Tamsin (Department of Archaeology, University of Cambridge)

- 9:00 **BRIDGING ARCHAEOLOGY AND HUMAN PALEOGENETICS: PROBLEMS WITH EXISTING PRACTICES AND PROSPECTS FOR OVERCOMING THEM**  
Staniuk, Robert (IOA UCL) - Lee, Victor (Globe Institute, University of Copenhagen) - Timpson, Adrian (GEE UCL) - Kristiansen, Kristian (University of Gothenburg) - Racimo, Fernando (Globe Institute, University of Copenhagen) - Shennan, Stephen (IOA UCL) - Thomas, Mark G. (GEE UCL)
- 9:15 **ANCESTRY AND THE GENOME: MOVING BEYOND GROUP-THINKING**  
Skoglund, Pontus (Francis Crick Institute)
- 9:30 **CULTURAL TRANSITIONS AS DRIVERS OF NATURAL SELECTION**  
Nielsen, Rasmus (University of Copenhagen)
- 9:45 **THE SIGNIFICANT TRANSDISCIPLINARY POTENTIAL OF DESIGN THINKING OF ARCHITECTURE IN ACHAEOLGY**  
Lengyel, Dominik (Brandenburg University of Technology Cottbus-Senftenberg) - Toulouse, Catherine (Lengyel Toulouse Architects)
- 10:00 **STONE TOOLS UNDER A DIFFERENT LIGHT: CONSTRUCTING THE TRANSDISCIPLINARY METATOOL ONTOLOGY AND REFLECTING ON ITS POTENTIAL FOR ARCHAEOLOGY**  
Peixe, Alexandre - Hernandez Corbato, Carlos - Şişman, Burak - Langejans, Geeske (Delft University of Technology)
- 10:15 **DISCUSSION SLOT**
- 11:00 **EVERYTHING ALL AT ONCE - REFLECTIONS ON NON-LINEAR DYNAMICS, MODELLING, AND TRANSDISCIPLINARITY IN SOCIAL ARCHAEOLOGY**  
Giroto, Chiara (Ludwig-Maximilians-Universität München)
- 11:15 **"SPECIALIST" CAN ALSO MEAN "LOCAL": TRANSDISCIPLINARY ONTOLOGIES INTEGRATING LOCALISED KNOWLEDGE AS A KEY TO ARCHAEOLOGICAL PRAXIS**  
Frieman, Catherine (Australian National University) - Flexner, James (University of Sydney)
- 11:30 **POLITICS, PARADIGMS, AND POSTHUMANISM: DEFENDING PLURAL REALITIES IN AN UNEQUAL ARCHAEOLOGICAL LANDSCAPE**  
Schreiber, Tanja (Institut fuer Ur- und Fruehgeschichte Kiel; Institut für Prähistorische Archäologie, Freie Universität Berlin)
- 11:45 **ARCHAEOLOGY IN THE AGE OF ASSUMPTIONS: RECOGNIZING THE LIMITS OF ARCHAEOLOGICAL PRACTICE AND HOW TO BREAK THEM**  
Ribeiro, Artur (Christian-Albrechts-Universität)
- 12:00 **DISCUSSION SLOT**

- 12:15 **DISCUSSION SLOT**

## 775 **EXPLORING DATES-AS-DATA APPROACHES: THEORETICAL PROMISES AND METHODOLOGICAL PROBLEMS**

**Room:** 21=CU003-FL4-Aula C

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Van Maldegem, Elliot (Ghent University) - Hoebe, Pir (University of Groningen) - Heaton, Tim (University of Leeds)

## ABSTRACTS

- 8:30 **SUBMERGED, COVERED OR EXPOSED; ACCESSIBILITY AND REPRESENTATIVITY OF ARCHAEOLOGICAL DATA IN AND AROUND DOGGERLAND (12-7KA CALBP)**  
Hoebe, Pir (University of Groningen)
- 8:45 **MODELING RADIOCARBON DATES AND HUMAN DYNAMICS IN THE VALENCIAN MEDITERRANEAN REGION**  
Extrem Membrado, Vanessa (Universitat de València) - Pardo-Gordó, Salvador (Universidad de la Laguna) - Aura Tortosa, J. Emili (Universitat de València)
- 9:00 **SIMULATING FREQUENCY DISTRIBUTIONS FOR INDIRECTLY DATED HUMAN BURIALS IN SOUTH AFRICA**  
Loftus, Emma (Institut für Vor- und Frühgeschichtliche Archäologie, Ludwig-Maximilians-Universität München; Palaeo-Research Institute, University of Johannesburg) - Chase, Brian (Institut des Sciences de L'Evolution-Montpellier - ISEM, University of Montpellier, Centre National de la Recherche Scientifique - CNRS; Department of Environmental and Geographical Science, University of Cape Town) - Lombard, Marlize (Palaeo-Research Institute, University of Johannesburg) - Steyn, Maryna (Human Variation and Identification Research Unit, School of Anatomical Sciences, University of the Witwatersrand)
- 9:15 **A NEW APPROACH TO SUMMARISATION: RIGOROUS IDENTIFICATION OF VARIATIONS/CHANGEPOINTS IN THE OCCURRENCE RATE OF RADIOCARBON SAMPLES USING A POISSON PROCESS**  
Heaton, Tim - Al-Assam, Sara (University of Leeds) - Bard, Edouard (CERGE, Aix-Marseille University; Collège de France)

- 9:30 **CALCULATING RATES OF CHANGE AND OBSERVING LATENT PROCESSES IN ARCHAEOLOGICAL 'BIG DATA'**  
McLaughlin, Rowan (Maynooth University)
- 9:45 **BOSERUP OR MALTHUS? DID DEMOGRAPHIC CHANGES CAUSE ECONOMIC INNOVATIONS IN PREHISTORIC SOCIETIES IN THE BALKANS? OR THE OTHER WAY AROUND?**  
Kolar, Jan (University College London) - Bulatović, Jelena - Riabogina, Natalia (Gothenburg University) - Speciale, Claudia (Institut Català de Paleoeologia Humana i Evolució Social) - Staniuk, Robert (University College London) - Canteri, Elisabetta (University of Copenhagen) - Agerskov Rose, Helene (Gothenburg University) - Timpson, Adrian - Shennan, Stephen (University College London)
- 10:00 **PREDATOR-PREY DYNAMICS IN RADIOCARBON DATASETS**  
Marom, Nimrod - Wolkowski, Uri (University of Haifa)
- 10:15 **DISCUSSION SLOT**
- 11:00 **AUTOMATED CHRONOLOGICAL MODELLING OF LARGE QUANTITIES OF 14C DATES WITHIN A BAYESIAN FRAMEWORK**  
Canteri, Elisabetta (University of Copenhagen) - Rose, Helene (University of Gothenburg) - Kolar, Jan (University College London) - Ryabogina, Natalia (University of Gothenburg) - Timpson, Adrian - Thomas, Mark - Shennan, Stephen (University College London) - Kristiansen, Kristian (University of Gothenburg) - Racimo, Fernando (University of Copenhagen)
- 11:15 **DATING OCCUPATION GAPS IN SOUTH CAUCASUS: SCALE ISSUES AND DATA BIAS**  
Heit, Ilia (German Archaeological Institute, Eurasia Department)
- 11:30 **DISCUSSION SLOT**

## 784 DEMAND FOR SALT: FROM PREHISTORY TO THE EARLY MODERN PERIOD

- Room:** 103=CNR01-FL1-Marconi  
**Time:** 16:30 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Attema, Peter - Sotgia, Agostino (Groningen Institute of Archaeology) - Alessandri, Luca (Sapienza University Rome)

### ABSTRACTS

- 16:30 **SALT ON DEMAND : THE IMPORTANCE OF SALT EXPLOITATION DURING THE IRON AGES IN EUROPE**  
Millot-Richard, Clara (Paris 1 Panthéon-Sorbonne, UMR 8215 Trajectoires) - Weller, Olivier (Paris 1 Panthéon-Sorbonne, UMR 8215 Trajectoires)
- 16:45 **SALT MINING IN CENTRAL ANATOLIA THROUGH AGES**  
Üncü, Hakki (Settlement Archaeology Department. Middle East Technical University)
- 17:00 **SODIUM CHRONICLES GRAIN BY GRAIN. QUANTIFYING SALT'S DEMAND IN ANTIQUITY.**  
Sotgia, Agostino (University of Groningen)
- 17:15 **UNEARTHING SALT: EXPLORING CERAMIC EVIDENCE FOR SALT PRODUCTION IN A CENTRAL ITALIAN COPPER AGE COMMUNITY**  
Conati Barbaro, Cecilia (Dipartimento di Scienze Dell'Antichità, Sapienza University of Rome) - Marconi, Nadia - Manfredini, Alessandra (Dipartimento di Scienze Dell'Antichità, Sapienza University of Rome)
- 17:30 **CHARACTERISTIC AND MEANING OF 8TH CENTURY UYGHUR SALT MINERS AT THE DAVST UUL SALT MINING SITES IN MONGOLIA**  
Han, Jinseong - Hong, Jong Ha (Institute of Korean Archaeology and Ancient History, Kyung Hee University) - Ganbold, Ankhसानаа - Mendbazar, Oyuntulga (National Centre for Cultural Heritage, Ulaanbaatar) - Kang, in Uk (Institute of Korean Archaeology and Ancient History, Kyung Hee University)
- 17:45 **MODES OF EXPLOITATION AND TRADE MECHANISMS OF SALT IN MEDIEVAL AND MODERN EASTERN ROMANIA**  
Asandulesei, Mihaela (Alexandru Ioan Cuza University of Iasi)

- 18:00 PREHISTORIC LARGE-SCALE SALT PRODUCTION, TRADE, POWER AND WEALTH IN SOUTH-EASTERN EUROPE  
Kavruk, Valerii (The National Museum of Eastern Carpathians)
- 18:15 DISCUSSION SLOT

### 789 SHARING, MERGING AND ANALYSIS OF NONINVASIVE ARCHAEOLOGICAL DATA: TOWARDS A MCSA DOCTORAL NETWORK

- Room:** 49=CU006-FLG-Aula B  
**Time:** 11:00 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Round table  
**Organisers:** Van Leusen, Martijn (Groningen Institute of Archaeology; International Mediterranean Survey Workshop) - Campana, Stefano (University of Siena) - Verhegge, Jeroen (University of Ghent; Prospect)

### 793 LITHIC RAW MATERIALS LITHOTHEQUES: OPEN ACCESS AND INTEROPERABILITY INITIATIVES

- Room:** 20=CU003-FL4-De Martino  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Terradas, Xavier (Spanish National Research Council - CSIC-IMF) - Delvigne, Vincent (Centre National de la Recherche Scientifique, UMR 8068 Temps) - Gómez de Soler, Bruno (University Rovira i Virgili; Iphes- Cerca) - Soto Quesada, María (Universidad Autónoma de Madrid) - Tuffery, Christophe (Ministère de la Culture)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 THE GDR „SILEX“, A FOUR-YEAR REVIEW OF OPEN ACCESS EXPERIENCE  
Tuffery, Christophe (Ministère de la Culture et UMR 8068 Temps) - Beauvais, Pierre-Antoine (CNRS, UMR Temps 8068 University of Cape Town et UMR Traces 5608) - Binder, Didier (CNRS et Université Côte d'Azur, UMR CEPAM 7264) - Bostyn, Françoise (Université de Paris 1) - Collin, Jean-Philippe (Université Libre de Bruxelles Crea-Pat-

rimoine) - Defranould, Elsa (CNRS et Université Côte d'Azur, UMR CEPAM 7264) - Fernandes, Paul (Paléotime et UMR Temps 8068) - Gibaud, Alix (Inrap et UMR Lampea 7269) - Guiavar'Ch, Mikael (CNRS et UMR CREAHAH 6566) - Delvigne, Vincent (CNRS et UMR Temps 8068)

### 9:00 IMPLEMENTATION OF A DIGITAL INFRASTRUCTURE FOR ARCHAEOLOGICAL LITHOTHEQUES IN SPAIN

Terradas, Xavier (Spanish National Research Council - CSIC-IMF) - Soto-Quesada, Maria (Universidad Autónoma de Madrid) - Gómez-De-Soler, Bruno (IPHES-CERCA, URV) - Tarriño, Andoni (UPV/EHU) - Mangado, Xavier (Universitat de Barcelona UB-SERP) - Duarte, Elsa (Universidad de Oviedo) - Herrero-Alonso, Diego (Universidad de León) - Domínguez-Bella, Salvador (Universidad de Cádiz) - Domingo, Rafael (Universidad de Zaragoza) - Ortega, David (Spanish National Research Council - CSIC-IMFCSIC-IMF)

### 9:15 CREATING ONLINE DATABASES OF LITHIC COLLECTIONS. TWO CASES FROM POLAND - VARIOUS CHALLENGES AND APPROACHES

Werra, Dagmara H. (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Woźny, Marzena (Archaeological Museum in Krakow) - Sudoł-Procyk, Magdalena (Institute of Archaeology, Nicolaus Copernicus University) - Buławka, Sylwia - Sokólska-Majchrzak, Anna (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

### 9:30 LITHIPHES: A NEW SPACE TO SAFEGUARD AND CONSULT GEOLOGICAL SAMPLES AT IPHES-CERCA (TARRAGONA, SPAIN)

Brià, Judit - Gómez de Soler, Bruno (Institut Català de Paleoeologia Humana i Evolució Social - Iphes)

### 9:45 ARQUEOLIT - AN OPEN ACCESS LITHOTHEQUE IN PORTUGAL

Jordão, Patricia (UNIARQ-FLUL) - Soares, Sofia - Pena, Teresa (LNEG)

### 10:00 THE OPENLIT PROJECT: A FIRST STEP FOR AN OPEN ACCESS LITHOTHEQUE OF ITALIAN KNAPPABLE ROCKS

Lo Vetro, Domenico - Bertola, Stefano (Dipartimento SAGAS, Università di Firenze) - Carletti, Elena (Dipartimento di Scienze Dell'Antichità, Sapienza Università di Roma) - Conforti, Jacopo (Dipartimento di Scienze della Terra e Geoambientali, Università di Bari Aldo Moro) - Ferrero, Arianna (Dipartimento SAGAS, Università di Firenze) - Moscone, Daniele (Institute of Pre- and Protohistoric Archaeology, Kiel University) - Pizziolo, Giovanna (Dipartimento di Scienze Storiche

e dei Beni Culturali, Università di Siena) - Santo, Alba (Dipartimento di Scienze della Terra, Università di Firenze) - Saplluto, Luigi (Dipartimento di Scienze della Terra e Geoambientali, Università di Bari Aldo Moro) - Eramo, Giacomo (Dipartimento di Scienze della Terra e Geoambientali, Università di Bari Aldo Moro)

10:15 DISCUSSION SLOT

11:00 SHARING CHERTS: THE LAEX-UAM PILOT EXCHANGING EXPERIENCE

Soto, Maria - Castañeda, Nuria (Universidad Autónoma de Madrid) - Torres Navas, Conchi (Instituto de Historia - CSIC) - Baena, Javier (Universidad Autónoma de Madrid)

11:15 LITHIC RAW MATERIAL DEPOSITS IN ISTRIA, CROATIA - A LITHOTHEQUE IN THE MAKING

Šprem, Katarina (Independent Researcher)

11:30 LUSOLIT FROM THE SHELF TO THE WEB: AN ONLINE LITHOTHEQUE FROM SOUTH PORTUGAL

Belmiro, Joana - Bicho, Nuno - Cascalheira, João (ICArEHB, Universidade do Algarve)

11:45 THE BEGINNING OF A LITHOTHEQUE IN SOUTHERN CHILEAN PATAGONIA?

Arecheta, Constanza (Universitat Rovira i Virgili) - Sierpe, Victor (CEHA)

12:00 GEOLOGICAL AND GEOCHEMICAL RESEARCH IN THE CREATION OF AN OPEN-ACCESS DATABASE: A CASE STUDY FROM BULGARIA

Gurova, Maria (National Institute of Archaeology, Bulgarian Academy of Sciences) - Andreeva, Polina - Stefanova, Elitsa (Geological Institute, Bulgarian Academy of Sciences) - Bonsall, Clive (University of Edinburgh)

12:15 SMARTPHONE IMAGING AND SILICEOUS RAW MATERIAL CHARACTERISATION: CROSS-REFERENCING DATA TO BUILD A REFERENTIAL COLLECTION IN EASTERN IBERIAN PENINSULA

Ramacciotti, Mirco - Gallelo, Gianni (PREMEDOC Research Group, Department of Prehistory, Archaeology and Ancient History, University of Valencia) - Díez Castillo, Agustín (GRAM Research Group, Department of Prehistory, Archaeology and Ancient History, University of Valencia) - García Puchol, Oreto (PREMEDOC Research Group, Department of Prehistory, Archaeology and Ancient History, University of Valencia)

12:30 DISCUSSION SLOT

## 804 MAKE DOLIA GREAT AGAIN - COMPARATIVE PERSPECTIVES ON ANCIENT CLAY-JAR WINEMAKING

**Room:** 38=CU005-FL2-Ponzi II

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Komar, Paulina (University of Warsaw) - Van Limbergen, Dimitri (Ghent University)

### ABSTRACTS

8:30 CALCULATING THE VOLUME OF DOLIA EMBEDDED IN COUNTERS OF TABERNA IN POMPEII

Zhao, Xinyan - Hori, Yoshiki - Ogawa, Takuro (Kyushu University)

8:45 DOLIA FROM LUSITANIA: EXPLORING CHRONO-TYPOLOGIES AND CONTENTS

Bombico, Sonia (CIDEHUS - University of Évora) - Andrade, Daniel (CHAM - Nova University Lisbon; CIDEHUS - University of Évora) - Quaresma, José Carlos (CHAM - Nova University Lisbon) - Abrunhosa Pereira, Pedro (CITCEM - University of Porto) - Oliveira, César (Hercules - University of Évora) - Carneiro, André (CHAIA - University of Évora)

9:00 UNVEILING THE POTENTIAL OF PREHISTORIC WINEMAKING: THE EFFECT OF VESSEL SHAPE ON THE PERFORMANCE OF SPONTANEOUS FERMENTATION PHENOMENA

Harutyunyan, Mkrtych (Linking Landscape, Environment, Agriculture and Food LEAF Research Centre, Associated Laboratory TERRA, Instituto Superior de Agronomia, Universidade de Lisboa) - Granja-Soares, Joana (Departamento de Ciências e Engenharia de Biosistemas, Instituto Superior de Agronomia, Universidade de Lisboa) - Chandra, Mahesh (Linking Landscape, Environment, Agriculture and Food LEAF Research Centre, Associated Laboratory TERRA, Instituto Superior de Agronomia, Universidade de Lisboa) - Asryan, Arman (College of Science and Engineering, American University of Armenia) - Oliveira, Joana - Freitas, Victor (Faculdade de Ciências da Universidade Do Porto) - Loira, Iris - Morata, Antonio (Departamento de Química y Tecnología de Alimentos de la Universidad Politécnica de Madrid) - Cunha, Jorge (Estação Vitivinícola Nacional) - Malfeito-Ferreira, Manuel (Linking Landscape, Environment, Agriculture and Food LEAF Research Centre, Associated Laboratory TERRA, Instituto Superior de Agronomia, Universidade de Lisboa)

- 9:15 DISCUSSION SLOT
- 9:30 **THE ROMAN 'DOLIUM' EXPERIMENT: FROM THE ORIGINAL ARCHAEOLOGICAL VESSELS TO THE MODERN REPLICAS**  
Martín I Oliveras, Antoni (Universitat de Barcelona) - Parés Sansano, Bruno - Matés Porcel, Josep (Cella Vinaria Project)
- 9:45 **MAKING, USING, AND REPAIRING DOLIA FOR WINE**  
Cheung, Caroline (Princeton University)
- 10:00 **ON THE ORIGINS OF ROMAN WINEMAKING IN EARTHENWARE VESSELS**  
Van Limbergen, Dimitri (Ghent University; Università degli Studi di Verona)
- 10:15 DISCUSSION SLOT
- 11:00 **CLAY-JAR WINE PRODUCTION NOW AND THEN – A COMPARATIVE PERSPECTIVE**  
Komar, Paulina (University of Warsaw)
- 11:15 **THE PITHOI OF THE RURAL SETTLEMENT OF JAZZO FORNASIELLO (APULIA, VITH - IVTH CENTURY BCE): ARCHAEOLOGICAL INSIGHTS INTO PRODUCTION PROCESSES.**  
Muntoni, Italo (Soprintendenza ABAP-BAT-FG, Ministry of Culture) - Eramo, Giacomo (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Lambrugo, Claudia - Lojaco, Agnese (Dipartimento di Beni Culturali e Ambientali, Università degli Studi di Milano)
- 11:30 DISCUSSION SLOT

## 818 CURRENT STATUS AND THE FUTURE OF DIGITAL ARCHAEOLOGY IN THE EASTERN MEDITERRANEAN

**Room:** 60=CU022-EXT-Serra

**Time:** 14:00 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Moullou, Dorina (Hellenic Ministry of Culture; Hellenic Open University) - Farinetti, Emeri (Roma Tre University; Italian Archaeological School at Athens) - Moutsiou, Theodora (University of Cyprus) - Özgüner Gulhan, Nimet Pinar (University of Zielona Gora, Institute of Architecture and Urbanism) - Babucic, Nikola (University of Hamburg)

- 14:15 **ERIMI-PITHARKA ARCHAEOLOGICAL PROJECT: APPLICATION OF DIGITAL TECHNOLOGIES**  
Zeman-Wisniewska, Katarzyna (Uniwersytet Kardynała Stefana Wyszyńskiego W Warszawie) - Recht, Laerke (University of Graz) - Wiśniewski, Mariusz (Ministry of Culture and National Heritage, Poland)
- 14:30 **APPLICATIONS OF DIGITAL ARCHAEOLOGY IN DOCUMENTING AND UNDERSTANDING OF GERÇİN HÖYÜK, GAZIANTEP**  
Özgüner Gülhan, Nimet Pinar (University of Zielona Góra) - Demir, Timur (Gaziantep University)
- 14:45 **ADVANCING EXCAVATION MAPPING: INTEGRATING TERRESTRIAL PHOTOGRAMMETRY, LIDAR, AND UAV DATA FOR THE ROMAN BATH COMPLEX IN RAFINA, ATTICA, GREECE**  
Ragia, Lemonia (Hellenic Open University) - Moullou, Dorina (Ephorate of Antiquities of East Attica; Hellenic Open University)
- 15:00 **A VIRTUAL JOURNEY TO ANCIENT EPHESUS USING XR AND AI**  
Denker, Ahmet (Professor) - Demirtas, Deniz (Researcher) - Ulas, Ecem (Researcher) - Gungordu, Selen (Researcher)
- 15:15 **GAMETABLE NETWORK: UNVEILING THE PAST, EMBRACING THE FUTURE THROUGH AI-DRIVEN ARCHAEOLOGICAL RESEARCH**  
Moullou, Dorina (Hellenic Ministry of Culture; Hellenic Open University) - Crist, Walter (Leiden University) - Penn, Timothy (University of Reading) - Piette, Éric (Université Catholique de Louvain – UCLouvain)
- 15:30 **HANDS-ON CLASSROOM AND FIELD APPROACHES TO DIGITAL ARCHAEOLOGY: FROM A SPECIAL TOPICS COURSE TO TECHNOLOGY-FOCUSED FIELDWORK**  
Bishop, Savannah (Koç University)
- 15:45 DISCUSSION SLOT

## ABSTRACTS

- 14:00 INTRODUCTION

**838 COMMUNITY ENGAGEMENT IN ARCHAEOLOGICAL HERITAGE: BEST PRACTICES, OBJECTIVES, CONFLICTS, AND PLANS FOR THE FUTURE**

**Room:** 62=CU022-EXT-Aula E

**Time:** 8:30 - 10:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Workshop

**Organisers:** Stefanou, Eleni (The Heritage Management Organization; Hellenic Open University, MSC Cultural Organizations Management) - Anagnostopoulos, Aris (University of Kent; the Heritage Management Organization)

**845 TRANS-ADRIATIC DYNAMICS: LATE BRONZE TO EARLY IRON AGE MATT-PAINTED POTTERY IN THE SOUTHWESTERN BALKANS AND SOUTHERN ITALY**

**Room:** 34=CU005-FL1-Lucchesi

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Pavuk, Peter (Institute of Classical Archaeology, Charles University, Prague) - Krapf, Tobias (Swiss School of Archaeology in Greece) - Bernardo-Ciddio, Leah (Interdepartmental Program in Ancient Mediterranean Art and Archaeology, University of Michigan) - Iacono, Francesco (Dipartimento di Storie Cultura e Civiltà)

**ABSTRACTS**

- 14:00 **ON THE WAY NORTH, WEST, AND EAST: AEGEAN MATT-PAINTED WARES IN THE EARLY LATE BRONZE AGE**  
Pavuk, Peter (Institute of Classical Archaeology, Charles University, Prague) - Krapf, Tobias (Swiss School of Archaeology in Greece) - Iacono, Francesco (Dipartimento di Storia Cultura e Civiltà, Università di Bologna) - Bernardo Ciddio, Leah (Department of Classical Studies, University of Michigan)
- 14:15 **MOVING AROUND THE TELL SETTLEMENTS OF CENTRAL MACEDONIA, GREECE: THE CASE OF LATE BRONZE AGE MATT PAINTED POTTERY.**  
Vliora, Evagelia (Aristotle University of Thessaloniki) - Kiriati, Evangelia (Fitch Laboratory, British School at Athens)

- 14:30 **THE MATT-PAINTED POTTERY OF THE LATE BRONZE AGE ULANCI CULTURAL GROUP SHAPES, DECORATIVE MOTIFS AND CHRONOLOGY**  
Videski, Zlatko (Archaeological Museum of the Republic of North Macedonia)
- 14:45 **DISCUSSION SLOT**
- 15:00 **BETWEEN REGIONAL CONFINEMENT AND CULTURAL TRANSMISSION: STYLISTIC ATTRIBUTES OF MATT-PAINTED POTTERY IN SOUTHERN ALBANIA AND ADJACENT AREAS**  
Krapf, Tobias (Swiss School of Archaeology in Greece; University of Lausanne) - Agolli, Esmeralda (Department of Archaeology and Culture Heritage, University of Tirana)
- 15:15 **A PXRF STUDY OF BRONZE- AND EARLY IRON AGE MATT-PAINTED POTTERY FROM ALBANIA, EPIRUS AND CENTRAL GREECE**  
Aslaksen, Ole Christian (Independent)
- 15:30 **MATT PAINTED POTTERY FROM THE REGION AROUND GREAT LAKES: NEW CHRONOLOGICAL EVIDENCE**  
Ardjanliev, Pero (National Archaeological Museum of North Macedonia)
- 15:45 **DISCUSSION SLOT**
- 16:30 **THE BLACK AND THE WHITE: THE EMERGENCE OF SOUTHERN ITALIAN PROTOGEOMETRIC POTTERY THROUGH THE PRISM OF ROCA VECCHIA**  
Iacono, Francesco (Dipartimento di Storie Cultura e Civiltà) - Guglielmino, Riccardo (University of Salento) - Coluccia, Luigi (Università del Salento / Università di Foggia)
- 16:45 **EXPLORING PRODUCTION PROFILES AND COMMUNITY DYNAMICS: SALENTO'S MATT-PAINTED POTTERY REVISITED**  
Bernardo-Ciddio, Leah (University of Michigan)
- 17:00 **THE MATT-PAINTED POTTERY FROM INCORONATA . CONTEXTS, PRODUCTIONS AND ICONOGRAPHIES**  
Vita, Cesare (Université Rennes 2)
- 17:15 **DISCUSSION SLOT**
- 17:30 **DYNAMICS OF INTERACTION AND COMMENSALITY THROUGH THE INVESTIGATION OF TECHNOLOGY AND FUNCTION OF THE MATT-PAINTED POTTERY OF SALENTO (SOUTHEAST ITALY)**  
Notarstefano, Florinda - Semeraro, Grazia - d'Alfonso, Serena - Sabetta, Gaia (University of Salento)



- 17:45 THE EARLY IRON AGE MATT-PAINTED POTTERY OF THE IONIAN ISLANDS: SOME PRELIMINARY REMARKS  
Haywood, Christina (University College Dublin)
- 18:00 DAUNIAN MATT-PAINTED POTTERY FROM NORTHERN DALMATIA: NEW PERSPECTIVES FROM THE NADIN-GRADINA SITE  
Celhar, Martina (University of Zadar) - Zaro, Gregory (University of Maine)
- 18:15 DISCUSSION SLOT

### 849 ZOOARCHAEOLOGY IN TRANSITION(S): SUBSISTENCE PATTERNS, CULTURAL CHANGES AND CONTINUITY IN EUROPEAN PREHISTORY THROUGH OLD AND NEW TOOLS

- Room:** 56=CU033-FL2-Baroni  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Marchán-Fernández, Alberto (Universidad de Salamanca) - Gabucio, Maria Joana (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Pineda, Antonio (UMR 7194 HNHP, MNHN-CNRS-UPVD, Département Homme et Environnement, Muséum National d'Histoire Naturelle; Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Rufà, Anna (Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve; Université de Bordeaux) - Téllez, Edgar (Centro Nacional de Investigación Sobre la Evolución Humana - CENIEH)

### ABSTRACTS

- 8:30 A TAPHONOMIC REVIEW OF THE SEQUENCE OF THE MIDDLE PLEISTOCENE SITE OF NOTARCHIRICO (MIS 17-MIS 16)  
Alcalá, Antonio (Museum National d'Histoire Naturelle; Institut Català de Paleoeologia Humana i Evolució Social) - Iannucci, Alessio (Eberhard-Karls-University Tübingen) - Mecozzi, Beniamino (Sapienza University of Rome) - Carpentieri, Marco (Università degli Studi di Ferrara) - Sardella, Raffaele (Sapienza University of Rome) - Moncel, Marie-Hélène (Museum National d'Histoire Naturelle)

- 8:45 BONE TOOLS AT THE NEANDERTHAL SITE OF ABRI SUARD (CHARENTE, FRANCE) DURING MIS 6-5.  
Téllez Peñaranda, Edgar (Consorcio Centro Nacional de Investigación Sobre la Evolución Humana - CENIEH) - Doyon, Luc - Genuite, Kim (PACEA UMR 5199, Université de Bordeaux, CNRS, Ministère de la Culture et de la Communication) - Gómez-Olivencia, Asier (Dept. Geología, Facultad de Ciencia y Tecnología, Universidad del País Vasco/Euskal Herriko Unibertsitatea - UPV/EHU, Aranzadi Zientzia Elkartea/Sociedad de Ciencias Aranzadi, Centro UCM-ISCIII de Investigación Sobre Evolución y Comportamiento Humanos, Departamento de Geodinámica, Estratigrafía y Paleontología, Facultad de Ciencias Geológicas, Universidad Complutense de Madrid) - Sala, No-hemi (Consorcio Centro Nacional de Investigación Sobre la Evolución Humana - CENIEH) - Rodríguez-Hidalgo, Antonio (Consejo Superior de Investigaciones Científicas, Instituto de Arqueología (CSIC-Junta de Extremadura); Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - López-Onaindia, Diego (PACEA UMR 5199, Université de Bordeaux, CNRS, Ministère de la Culture et de la Communication; Aranzadi Zientzia Elkartea/Sociedad de Ciencias Aranzadi)
- 9:00 WOLVES OR LARGE CATS? GIS IMAGE ANALYSIS FOR THE IDENTIFICATION OF UNGULATE MODIFICATION AND ACCUMULATION IN PLEISTOCENE CONTEXTS.  
Terrón, Gerard - Daura, Joan (Grup de Recerca del Quaternari, Grq-Serp. Department of History and Archaeology, University of Barcelona) - Parkinson, Jennifer (Department of Anthropology, University of San Diego, Human Origins Program, National Museum of Natural History, Smithsonian Institution) - Sanz, Montserrat (Grup de Recerca del Quaternari, Grq-Serp. Department of History and Archaeology, University of Barcelona)
- 9:15 PALAEOECOLOGY AT RECLAU CAVES (SERINYÀ, IBERIA): FAUNAL ASSEMBLAGES FROM MIDDLE PALAEOLITHIC TO LAST GLACIAL MAXIMUM AT ARBREDA AND MOLLET III  
Fernández García, Mónica (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València; Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Rufí, Isaac (Institut de Recerca Històrica - Universitat de Girona; Departament d'Història i Arqueologia, Universitat de Barcelona) - López-García, Juan Manuel (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Lécuyer, Christophe (Laboratoire de Géologie de Lyon: Terre, Planètes, Environnement (LGL-TPE, CNRS-UMR5276,

ENSL) - Soler, Joaquim (Institut Català de Recerca En Patrimoni Cultural - ICRPC-CERCA; Institut de Recerca Històrica - Universitat de Girona)

9:30 **NEANDERTALS AND MODERN HUMAN: INVESTIGATION OF THE FATTY ACID METABOLISM COMBINING ZOOARCHAEOLOGICAL ANALYSIS AND GENOMIC STUDIES.**  
Crezzini, Jacopo (Department of Biology - University of Florence, Laboratory of Anthropology Molecular Anthropology/Paleogenetics Unit; Department of Physical Science, Earth and Environment - University of Siena, Research Unit of Prehistory and Anthropology; Centro Studi Sul Quaternario Odv) - Modi, Alessandra - Cannariaro, Costanza - Caramelli, David (Department of Biology - University of Florence, Laboratory of Anthropology Molecular Anthropology/Paleogenetics Unit) - Boschin, Francesco (Department of Physical Science, Earth and Environment - University of Siena, Research Unit of Prehistory and Anthropology)

9:45 **BEYOND THE SHORELINE: EXPLORING EARLY UPPER PALAEOLITHIC MARINE MOLLUSC EXPLOITATION AT RIPARO BOMBRINI (VENTIMIGLIA, ITALY)**  
Gazzo, Silvia (Department of Antiquities, Philosophy, History, University of Genoa) - Cristiani, Emanuela (Dante - Diet and Ancient Technology Laboratory, Department of Oral and Maxillo-Facial Sciences, Sapienza University of Rome) - Negrino, Fabio (Department of Antiquities, Philosophy, History, University of Genoa) - Riel-Salvatore, Julien (Département d'Anthropologie, Université de Montréal)

10:00 **MARINE RESOURCES EXPLOITATION AT COVA ROSA (ASTURIAS, SPAIN) DURING THE LATE PLEISTOCENE (CA. 22,500 - 15,300 CAL BP)**  
Marchán-Fernández, Alberto (Universidad de Salamanca) - Aguirre-Uribesalgo, Amaia (Universitat Autònoma de Barcelona) - Álvarez-Fernández, Esteban (Universidad de Salamanca)

10:15 **DISCUSSION SLOT**

11:00 **UNRAVELLING THE SUBSISTENCE STRATEGIES IN A MAGDALENIAN DWELLING STRUCTURE OF THE LOWER GALLERY OF LA GARMA (OMOÑO, CANTABRIA, SPAIN)**  
Portero Hernández, Rodrigo (Universidad de Salamanca; Instituto Internacional de Investigaciones Prehistóricas de Cantabria - Universidad de Cantabria) - García-Noriega, Carlos (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - Universidad de Cantabria) - Ontañón, Roberto (Museo de Prehistoria y Arqueología de Cantabria; Instituto Internacional de Investigaciones Prehistóricas de Cantabria - Universidad de Cantabria) - Arias, Pablo (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - Universidad de Cantabria)

11:15 **SMALL GAME PROCUREMENT DURING THE LATE GLACIAL IN NORTHEASTERN IBERIA: A CASE STUDY FROM COVA GRAN DE SANTA LINYA)**  
Rufà, Anna (ICArEHB, Universidade do Algarve; PACEA UMR-5199) - Sánchez-Martínez, Javier (Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria, Universitat Autònoma de Barcelona; ICAR-EHB, Universidade do Algarve; IPHES-CERCA) - Martínez-Moreno, Jorge - Mora Torcal, Rafael (Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria, Universitat Autònoma de Barcelona)

11:30 **EXPLORING THE AHRENSBURGIAN PRESENCE IN BELGIUM FROM A ZOOARCHAEOLOGICAL AND ISOTOPIC PERSPECTIVE: THE CASE OF REMOUCHAMPS (AYWAILLE)**  
Pironneau, Camille - Robert, Prudence - Vandendriessche, Hans (Ghent University) - Abrams, Grégory (Ghent University; Scientific Department, Espace Muséal d'Andenne) - Crombé, Philippe - de Groote, Isabelle (Ghent University)

11:45 **EXPLOITING THE ALPINE MOUNTAINS IN THE MESOLITHIC: THE CONTRIBUTION OF ARCHAEOZOOLOGY TO UNDERSTANDING THE DYNAMICS OF MOUNTAIN LAND USE.**  
Derbord, Louise (TRACES UMR 5608, Université Toulouse Jean Jaurès, France) - Angelin, Alexandre (Archéorient UMR 5133, Université Lumière Lyon II, France) - Costamagno, Sandrine (TRACES UMR 5608, Université Toulouse Jean Jaurès, France)

12:00 **TRAVELLING CATTLE OR HERD MANAGERS? BULK AND COMPOUND-SPECIFIC ISOTOPE EVIDENCE FOR THE NEOLITHIC INTRODUCTION OF AGRO-PASTORALISM AT GROTTA DELL'UZZO (SICILY)**  
Mannino, Marcello (Aarhus University, Department of Archaeology, Aarhus; Former Department of Human Evolution, Max Planck for Evolutionary Anthropology) - Van Biesen, Geert (Core Research Equipment & Instrument Training "CREAIT" Network, Stable Isotope Laboratory, Memorial University of Newfoundland) - Fuller, Benjamin (Aarhus University, Department of Archaeology; Géosciences Environnement Toulouse, CNRS, Observatoire Midi Pyrénées) - Talamo, Sagra (Department of Chemistry "Giacomo Ciamician", Bologna University; Former Department of Human Evolution, Max Planck for Evolutionary Anthropology) - Tagliacozzo, Antonio (Formerly at Service of BioArChaeology, Museo Delle Civiltà, Museo Preistorico Etnografico "Luigi Pigorini") - Collina, Carmine (Museo Civico "Biagio Greco") - Richards, Michael (Department of Archeology, Simon Fraser University; Former Department of Human Evolution, Max Planck for Evolutionary Anthropology) - Grimes, Vaughan (Department of Archaeology, Memorial University of Newfoundland, Queen's

College; Department of Earth Sciences, Memorial University of Newfoundland)

- 12:15 **TOOTH ENAMEL CARBON AND OXYGEN ISOTOPE RATIOS REVEAL DIVERSE OVICAPRID HUSBANDRY STRATEGIES DURING THE NEOLITHIC ON THE DALMATIAN COAST, CROATIA**  
 Triozzi, Nicholas - McClure, Sarah (Uc Santa Barbara) - Horvat-Oštrić, Kristina (University of Zadar) - George, Richard (Uc Santa Barbara) - Ebert, Claire (University of Pittsburgh) - Podrug, Emil (Muzej Grada Šibenika) - Kennett, Douglas (Uc Santa Barbara)
- 12:30 **AT HOME IN THE NEOLITHIC: ZOOMS ANALYSIS OF FAUNA FROM A POTENTIAL STARČEVO HOUSE IN THE SOUTH MORAVA VALLEY, SERBIA**  
 Wernado, Shana (Institute for Archaeological Sciences, Department of Geoscience, University of Tübingen) - Bulatovic, Jelena (Department of Historical Studies University of Gothenburg) - Brown, Samantha (Institute for Archaeological Sciences, Department of Geoscience, University of Tübingen) - Horejs, Barbara (Austrian Archaeological Institute, Austrian Academy of Sciences; HEAS & UHA, University of Vienna)
- 12:45 **DISCUSSION SLOT**

## 854 **BUILDING BRIDGES: AN OPEN FORUM FOR ARCHAEOLOGY AND METAGENOMICS**

**Room:** 25=CU002-FL1-Aula V

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Other

**Organisers:** Bonucci, Biancamaria (Institute of Genomics, University of Tartu) - Borry, Maxime (Max Planck Institute for Evolutionary Anthropology; Leibniz Institute for Natural Product Research and Infection Biology Hans Knöll Institute) - Lopopolo, Maria (Institut Pasteur, Université Paris Cité, CNRS UMR 2000, Microbial Paleogenomics Unit, F-75015) - Pach, Aleksandra Laura (Globe Institute, University of Copenhagen) - Quagliariello, Andrea (Dept. Comparative Biomedicine and Food Science, University of Padua)

### ABSTRACTS

- 8:30 **INTRODUCTION**

- 8:45 **INTEGRATING PALEOMETAGENOMIC DATA WITH ARCHAEOLOGICAL EVIDENCE TO STUDY POPULATION DYNAMICS IN THE SOUTHERN ANDES DURING THE LATE INTERMEDIATE PERIOD**  
 Rascovan, Nicolas - Luisi, Pierre - Ponce Soto, Gabriel Yaxal - Nelson, Elizabeth - Willingham Grijalba, Arve Lee - Lopopolo, Maria (Institut Pasteur, Université de Paris Cité, CNRS UMR 2000, Microbial Paleogenomics Unit, F-75015) - Barberena, Ramiro (Laboratorio de Paleoeología Humana, Instituto Interdisciplinario de Ciencias Básicas - ICB, Consejo Nacional de Investigaciones Científicas y Técnicas - CONICET, Facultad de Ciencias Exactas y Naturales, Universidad Nacional de Cuyo; Centro de Investigación, Innovación y Creación, Universidad Católica de Temuco)
- 9:15 **ANCIENT DENTAL CALCULUS REVEALS ORAL MICROBIOME SHIFTS ASSOCIATED WITH LIFESTYLE AND DISEASE IN GREAT BRITAIN**  
 Weyrich, Laura - Gancz, Abigail (Pennsylvania State University) - Farrier, Andrew (University of Adelaide)
- 9:30 **THE NEOLITHIC TRANSITION FROM A BACTERIAL PERSPECTIVE: A POPULATION GENETIC APPROACH**  
 Santos, Patrícia - Vizzari, Maria Teresa - Boscolo Agostini, Rajiv (University of Ferrara) - Ottoni, Claudio (University of Rome Tor Vergata) - Quagliariello, Andrea (University of Padua) - Modi, Alessandra - Lari, Martina (University of Florence) - Ghirotto, Silvia (University of Ferrara)
- 9:45 **COMBINED GENOMIC AND LIPID ANALYSES REVEAL NEW INSIGHTS INTO BIRCH TAR USE AND FUNCTION IN THE NEOLITHIC ALPS**  
 Koch, Tabea (Université Côte d'Azur, CEPAM, CNRS; Department of Archaeology, University of York) - White, Anna (Globe Institute, Faculty of Health and Medical Sciences, University of Copenhagen; Department of Archaeology, University of York) - Little, Aimée - Wales, Nathan (Department of Archaeology, University of York) - Regert, Martine (Université Côte d'Azur, CEPAM, CNRS) - Schroeder, Hannes (Globe Institute, Faculty of Health and Medical Sciences, University of Copenhagen)
- 10:00 **TRACING PAST INTERACTIONS: METAGENOMIC ANALYSES OF KUR PALAEOFAECES FROM AOTEAROA NEW ZEALAND**  
 Van Os, Meriam (Department of Anatomy, School of Biomedical Sciences, University of Otago; Archaeology Programme, School of Social Sciences, University of Otago) - Greig, Karen (Archaeology Programme, School of Social Sciences, University of Otago; Southern Pacific Archaeological Research, University of Otago) - Anderson,

- Atholl (School of Culture, History & Language, Australian National University; Ngai Tahu Research Centre, University of Canterbury) - Campbell, Matthew (CFG Heritage Ltd; Anthropology, School of Social Sciences, University of Auckland) - Collins, Catherine - Knapp, Michael (Department of Anatomy, School of Biomedical Sciences, University of Otago) - Tucker, Brooke (Archaeology Programme, School of Social Sciences, University of Otago) - Walter, Richard (Southern Pacific Archaeological Research, University of Otago; School of Social Science, University of Queensland)
- 11:00 **A COMPLEX BLEND OF WEST AND EAST: A BIOMOLECULAR STUDY OF WINE MANUFACTURING IN JUDEA OF THE EARLY ROMAN PERIOD**  
Ben-Gedalya, Tziona (Eastern R&D Centre; Department of Molecular Biology, Ariel University) - Spiteri, Cynthianne (Eberhard Karls University Tübingen; Archaeobiomics, Department of Life Sciences and Systems Biology, University of Turin) - Porat and Herodium Expedition, Roi (Herodium Expedition, the Institute of Archaeology, Hebrew University of Jerusalem)
- 11:15 **ANCIENT WINE MICROBES FROM FIRST CENTURY AD ROMAN CLIENT KINGDOM OF JUDEA**  
Borry, Maxime (Max Planck Institute for Evolutionary Anthropology; 2Leibniz Institute for Natural Product Research and Infection Biology, Hans Knöll Institute) - Ben Gedalya, Tziona (Eastern R&D Centre, Ariel University; Department of Molecular Biology, Ariel University) - Warinner, Christina (Max Planck Institute for Evolutionary Anthropology; Faculty of Biological Sciences, Friedrich-Schiller University; Department of Anthropology, Harvard University) - Expedition, Herodion (Hebrew University)
- 11:30 **THE MICROBIOME OF THE HYPOGEAL ETRUSCAN TOMBS OF TARQUINIA**  
Rinaldi, Teresa (Sapienza University of Rome) - Tomassetti, Maria (Parco Archeologico di Cerveteri e Tarquinia)
- 12:00 **EXPLORING CONSUMPTION AND ENVIRONMENTAL PATTERNS DURING THE ROMAN PERIOD IN HARELBEKE, BELGIUM VIA SEDADNA ANALYSIS**  
Özdoğan, Kadir (Utrecht University; Wageningen University & Research) - Nota, Kevin (Max Planck Institute for Evolutionary Anthropology) - Sanchez Garcia, Guillermo (Utrecht University) - Van Mousch, Roy (BAAC) - Garcia Furni, Fabricio (Vrije Universiteit Amsterdam) - de Groot, Arjen (Wageningen University & Research) - Plets, Gertjan (Utrecht University)
- 12:15 **DISCUSSION SLOT**

- 12:30 **PALAEOFAECES FROM A VIKING-AGE URBAN SETTLEMENT AT RIBE, DENMARK - METAGENOMICS, MULTI-OMICS, AND HIGH-DEFINITION ARCHAEOLOGY**  
Lanigan, Liam (Globe Institute, University of Copenhagen) - Croix, Sarah (Urbnet, Aarhus University)
- 14:00 **OPTIMIZING A PROTOCOL FOR ANCIENT DNA EXTRACTION FROM CLAY TOBACCO PIPESTEMS**  
Harder, Reed - Fleskes, Raquel (Dartmouth College)
- 14:15 **AMETA: A COMPUTATIONAL METHOD FOR DATA-DRIVEN ANCIENT METAGENOMIC ANALYSIS**  
Oskolkov, Nikolay (Lund University)
- 14:30 **BONE ADHERED SOIL AS A SOURCE OF TARGET AND ENVIRONMENTAL DNA**  
De Dios Martinez, Toni - Bonucci, Biancamaria (University of Tartu) - Dittmar, Jenna (University of Aberdeen; Edward Via College of Osteopathic Medicine) - Inskip, Sarah (University of Cambridge; University of Leicester) - Robb, John (University of Cambridge) - Scheib, Christiana (University of Cambridge; University of Tartu)
- 14:45 **DISCUSSION SLOT**

## 856 **SO FALLS THE WORLD: ARCHAEOLOGY AND HERITAGE AGAINST EMPIRE(S)**

**Room:** 42=CU005-BAS-Aula 3

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Politopoulos, Aris (Leiden University) - Moshenska, Gabriel (University College London) - del Rio, Judit (University of Burgos) - Hadjigavriel, Maria - Arciero, Roberto (Leiden University)

## ABSTRACTS

14:00 **INTRODUCTION**

14:15 **MOBILITY AND INTERACTION IN THE 3RD-2ND MILLENNIUM BCE IN CENTRAL ASIA AND THE MEDITERRANEAN. A CASE OF RESISTANCE?**  
Hadjigavriel, Maria - Arciero, Roberto (Leiden University)

14:30 **THE MAYA ENLIGHTENMENT: COLONIALISM, IMPERIALISM, SUBLIMATION AND THE POLITICS OF PERIODISATION**  
Kratimenos, Panos (UCL Institute of Archaeology)

- 14:45 LATE ANTIQUE MONASTICISM IN EGYPT AS A REVOLUTIONARY COUNTERCULTURE  
Schrauder, Julienne (RGK - Romano-Germanic Commission DA1)
- 15:00 THE SUNBURY ABORIGINAL EARTH RINGS FROM WURUNDJERI WOI-WURRUNG COUNTRY, SOUTHEASTERN AUSTRALIA: EMPIRES, COLONISATION AND SELF-DETERMINATION  
Spry, Caroline (Wurundjeri Woi-Wurrung Cultural Heritage Aboriginal Corporation; La Trobe University) - Lucille Freedman, Delta - Jones "Wurundjeri Woi-Wurrung Elder", Ron - Wandin "Wurundjeri Woi-Wurrung Elder", Allan - Mullins "Wurundjeri Woi-Wurrung Elder", Bobby - Morrison, Wendy - Spencer-Gardner, Ariana - Modra, Lauren - Gribble, Lauren - Lasky-Davison, Zara (Wurundjeri Woi-Wurrung Cultural Heritage Aboriginal Corporation)
- 15:15 SICK, REFUGEES, DETAINEES AND OCCUPIERS: MANY LIVES OF 500-BED HOSPITAL IN TEHRAN  
Naeimi, Maryam (Freie Universität Berlin)
- 15:30 THE HERITAGE AGONY. ENCLOSURE CONTESTATIONS BETWEEN STATES AND EMPIRES IN THE 19TH AND 20TH C. AEGEAN SEA.  
Lekakis, Stelios (Newcastle University)
- 15:45 DISCUSSION SLOT
- 16:30 "BUT YOU ARE AGAINST ALMOST EVERYTHING!": SOME NOTES AFTER A YEAR OF TEACHING HERITAGE.  
Del Río, Judit (University of Burgos)
- 16:45 NARROW, CAPITALIST CONCEPTS OF PROPERTY MAKE ARCHAEOLOGY AND HERITAGE BORING AND REINFORCE OPPRESSIVE SOCIAL STRUCTURES  
Moshenska, Gabriel (University College London, Institute of Archaeology)
- 17:00 THE EMPIRE GAMES BACK: HOW DIGITAL GAMES AND GRAND NARRATIVES GET US STUCK AND HOW WE CAN PLAY OURSELVES OUT?  
Politopoulos, Aris - Mol, Angus - Lammes, Sybille - Gerritsen, Corine (Leiden University)
- 17:15 DISCUSSION SLOT
- 17:30 DISCUSSION SLOT

## 861 INSECTS FOR ARCHAEOLOGY, ARCHAEOLOGY FOR INSECTS: ENVIRONMENTAL STORYTELLINGS FOR THE PAST, PRESENT, AND FUTURE

- Room:** 27=CU002-FL1-Aula VII  
**Time:** 8:30 - 16:00  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Regular session  
**Organisers:** Kourela, Eva (University College Dublin) - Shen, Benny (Department of Archaeology, University of Cambridge) - Vanin, Stefano (University of Genoa IAS-CNR) - Davis, Stephen (University College Dublin)

### ABSTRACTS

- 8:30 THE HOLE, THE BIRD, AND THE LARVAE: TRANSCENDENTAL TERRAINS IN THE MUNDANITY OF THE XAM MYTH 'MANTIS AND THE KORO-TWI:T N'  
Mguni, Siyakha (University of Cape Town)
- 8:45 ASSESSMENT OF THE VARIATION IN LAND USE THROUGH ARCHAEOENTOMOLOGICAL STUDIES.  
Carta, Giuseppina (Department of Earthh, Environment and Life Sciences - DISTAV, University of Genoa) - Larentis, Omar (Centre of Research in Osteoarchaeology and Paleopathology Department of Biotechnologies and Life Science, Insubria University; Soprintendenza Archeologia Belle Arti e Paesaggio Per Le Province di Como, Lecco, Monza-Brianza, Sondrio, Pavia e Varese, MiC) - Leto, Alesandro (Pian di Marte) - Badano, Davide (Department of Life Science, University of Siena) - Vanin, Stefano (Department of Earthh, Environment and Life Sciences - DISTAV, University of Genoa; National Research Council, Institute for the Study of Anthropic Impact and Sustainability in the Marine Environment - CNR-IAS)
- 9:00 SANITARY AND HEALTH CONDITIONS IN RURAL EARLY MEDIEVAL IRELAND.  
Kourela, Eva - Radini, Anita (University College Dublin)
- 9:15 DISCUSSION SLOT
- 9:30 INSECTS BENEATH THE ASH: EXPLORING POMPEII'S RUINS THROUGH ARCHAEOENTOMOLOGY (CAMPANIA, ITALY)  
Huchet, Jean-Bernard (CNRS, Muséum National d'Histoire Naturelle)

- 9:45 **INSECT DEATH ASSEMBLAGES: A HELPFUL TOOL FOR RECONSTRUCTING PAST INTERACTIONS BETWEEN HUMANS AND LANDSCAPES IN THE FRENCH CENTRAL PYRENEES**  
Parrilla, Sarah (CNRS - UMR 5608 - Laboratoire TRACES; CNRS - UMR 5602 - Laboratoire GEODE; LASA - Laboratorio di Archeologia e Storia Ambientale) - Moret, Pierre (CNRS - UMR 5608 - Laboratoire TRACES) - Saulnier, Mélanie - Py-Saragaglia, Vanessa (CNRS - UMR 5602 - Laboratoire GEODE)
- 10:00 **BEEES FOR THE FUTURE: A HISTORICAL ECOLOGY OF BEEKEEPING ON THE CHERANGANI HILLS, ELGEYO-MARAKWET, KENYA**  
Shen, Benny (University of Cambridge)
- 10:15 **DISCUSSION SLOT**
- 11:00 **EVOLUTION OF ARCHAEOENTOMOLOGICAL INVESTIGATIONS IN ITALY**  
Vanin, Stefano (Department of Earth, Environment and Life Sciences - DISTAV - University of Genoa; National Research Council, Institute for the Study of Anthropic Impact and Sustainability in the Marine Environment - CNR-IAS) - Carta, Giuseppina (Department of Earth, Environment and Life Sciences - DISTAV - Univeristy of Genoa) - Giordani, Giorgia (Department of Pharmacy and Biotechnology - FABIT, University of Bologna)
- 11:15 **LICE AND DOUBLE-SIDED COMBS: TRACING TECHNOLOGICAL NETWORKS OF EXCHANGE IN THE EARLY MEDIEVAL ATLANTIC ARCHIPELAGO**  
Brody, Rachel (Boston College)
- 11:30 **EVALUATING FOR THE FIRST TIME THE POTENTIALS OF LEPIDOPTERA MICRO-REMAINS FROM ANCIENT HUMAN DENTAL CALCULUS**  
Radini, Anita - Kourela, Eva (School of Archaeology, University College Dublin)
- 11:45 **DISCUSSION SLOT**
- 12:00 **BABY, IT'S COLD OUTSIDE; HOW CHANGING FARMING PRACTICES INFLUENCE THE INSECT BIOTA ON THE EDGE OF THE INHABITABLE WORLD.**  
Konradsdóttir, Hrönn (National Museum of Iceland)
- 12:15 **WORMS, DRAGONS, AND OTHER INSECTS: A CASE STUDY OF MATERIAL CULTURE FROM 19TH CENTURY WESTERN ALASKA**  
Althoff, Amanda (Columbia University)

- 12:30 **ARCHAEOENTOMOLOGY AS A PROXY FOR RECONSTRUCTING ENVIRONMENTAL CHANGES DUE TO HUMAN ACTIVITIES IN A LANDSCAPE BETWEEN LAND AND SEA**  
Richelmi, Lisa (UMR 5199 - PACEA - University of Bordeaux) - Huchet, Jean-Bernard (UMR 5199 - PACEA - University of Bordeaux; National Museum of Natural History - MNHN) - Verdin, Florence (UMR 5607 - Ausonius - University of Bordeaux)
- 12:45 **DISCUSSION SLOT**
- 14:00 **CHINESE BUTTERFLY AND MOTH MOTIFS AND THEIR CONNOTATIONS**  
You, Zhangheng (Xiamen University)
- 14:15 **WHERE ON EARTH HAVE YOU BEEN? FIRST APPLICATION OF FUNERARY ARCHAEOENTOMOLOGY IN CANADA**  
Roger, Clotilde (Université Laval) - Bain, Allison (Université Laval; Groupe de Recherche En Archéométrie) - Huchet, Jean-Bernard (Université de Bordeaux; CNRS)
- 14:30 **IN THE DIRTY OLD PART OF THE CITY: FISHAMBLE STREET, DUBLIN THROUGH TIME AND IN CONTEXT**  
Davis, Stephen (Institute of Archaeologists of Ireland) - Reilly, Eileen - Kourela, Eva (University College Dublin)
- 14:45 **DISCUSSION SLOT**

## 862 **ARCHAEOLOGICAL HERITAGE? DIVERSIFYING APPROACHES OF COOPERATION WITH NON-EUROPEAN PARTNERS**

- Room:** 60=CU022-EXT-Serra  
**Time:** 11:00 - 13:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Kuraszkiewicz, Kamil - Augustyniak, Zuzanna (University of Warsaw, Faculty of Oriental Studies) - Abebe, Mearg Abay (Mekelle University)

## ABSTRACTS

- 11:00 **ETHNOHISTORICAL RESEARCH ON AN AKSUMITE SITE AND ITS ENVIRONS IN THE HIGH PLATEAU ABOVE THE „BLACK NILE“**  
Abebe, Mearg (Mekelle University) - Smidt, Wolbert (Friedrich Schiller University Jena; Mekelle University)

- 11:15 **BALANCING RESEARCH, CONSERVATION, AND LOCAL ENGAGEMENT. A NEW COLLABORATIVE PROJECT BETWEEN ETHIOPIA AND TANZANIA**  
Itambu, Makarius Peter - Itambu, Makarius (University of Dar Es Salaam; Max Planck Institute of Geoanthropology; CEREGE-CNRS) - Solomon, Tadele (Ethiopian Heritage Authority) - Gallinaro, Marina (Dipartimento di Scienze Dell'Antichità, Università di Roma la Sapienza)
- 11:30 **COMPLEXITIES OF (ARCHAEOLOGICAL) HERITAGE WORK AMONG/WITH MARGINALISED LOCAL COMMUNITIES IN SUDAN**  
Kleinitz, Cornelia (Deutsches Archäologisches Institut, KAAK) - Mohamed Ali Saeed, Alfatih (University of Khartoum) - Ebeid-Allah, Hassan (Musawwarat Community Council)
- 11:45 **STAY IN AND GO OUT: THE COMMUNITY CONNECTION OF A NEOLITHIC CULTURAL MUSEUM IN CHINA THROUGH STUDY TOUR**  
Lin, Shiting (University of Cambridge)
- 12:00 **„SPOILED: RECONSIDERING THE TERM SPOLIA FOR ANTIQUITIES REUSE IN THE OTTOMAN EMPIRE AND BEYOND“**  
Silvia, Sean (Princeton)
- 12:15 **WE'RE IN THIS TOGETHER - SAQQARA AS AN EXAMPLE OF INCLUSION OF LOCAL KNOWLEDGE INTO ARCHAEOLOGICAL ACTIVITY**  
Kuraszkiewicz, Kamil - Augustyniak, Zuzanna (University of Warsaw)
- 12:30 **LIVING HERITAGE, INDIGENOUS WISDOM AND ENDANGERED ECOSYSTEMS: ROZVI NATURE METAPHORS DICHOTOMIZED**  
Machiridza, Lesley (University of Cologne; Great Zimbabwe University)
- 12:45 **DISCUSSION SLOT**

## 863 THE LIVES AND AFTERLIVES OF MEGALITHS: DIALOGUES OF PERSISTENCE, REINVENTION AND CHANGE

- Room:** 13=CU003-FL1-Nobile  
**Time:** 14:00 - 18:30  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Pereira Rocha, Leonor Maria (CHAIA/ University of Évora) - Martins, Ana (IHC-Polo Universidade de Évora / IN2PAST) - Whitefield, Andrew (National University of Ireland) - Meheux, Katie (University College of London) - Sebire, Heather (English Heritage)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **STORIES, LEGENDS AND REALITIES: CASE STUDIES IN THE MEGALITHS OF CENTRAL ALENTEJO (PORTUGAL)**  
Pereira Rocha, Leonor Maria (CHAIA/Universidade de Évora)
- 14:30 **SEARCHING FOR SPATIAL RELATIONS BETWEEN FUNERARY AND NON-FUNERARY SITES: A GIS APPROACH TO THE LATE PREHISTORY OF ÉVORA (SOUTHERN PORTUGAL)**  
Diniz, António (CHAIA/Universidade de Évora) - Faria, Nuno (Universidade de Lisboa/Faculdade de Letras) - Ribeiro, Inês (CHAIA/Universidade de Évora) - Almeida, Nelson (CHAIA -U. Évora / UNIARQ - U. Lisboa) - Branco, Gertrudes - Rocha, Leonor (CHAIA/Universidade de Évora)
- 14:45 **THE ANDALUSI LIVES OF IBERIAN MEGALITHS**  
Lillios, Katina (University of Iowa)
- 15:00 **MEGALITHS AND THEIR CONTEMPORARY RECEPTION IN PORTUGAL: ICONOGRAPHY, TERRITORY, AND COMMUNITIES**  
Martins, Ana Cristina (IHC - Polo da Universidade de Évora / IN-2PAST)
- 15:15 **THE MENHIRS IN THE PORTUGUESE ORAL TRADITION**  
Vieira, Alexandra (CITCEM - Centre for Transdisciplinary Research Culture, Space and Memory)
- 15:30 **MEGALITHS AND MODERNITY: CREATING NARRATIVES ABOUT MONUMENTS IN INTER-WAR BRITAIN**  
Meheux, Kathryn (University College London)

- 15:45 DISCUSSION SLOT
- 16:30 'EVERY AGE GETS THE STONEHENGE IT DESERVES - AND DESIRES'(HAWKES 1967): 100 YEARS OF CONSERVATION AND RESTORATION AT STONEHENGE.  
Sebire, Heather (English Heritage)
- 16:45 INTERPRETATION, PRACTICAL REUSE AND POLITICAL MISUSE OF THE CROMLECHS OF CARNAC (BRITTANY, FRANCE)  
Perschke, Reena (Gerda-Henkel-Foundation Research Grant)
- 17:00 ROMANCE AND THE STONES: UNPICKING INTERPRETATIONS OF IRISH MEGALITHIC MONUMENTS  
Whitefield, Andrew (University of Galway)
- 17:15 MULTIPLE NARRATIVES, MULTIPLE ITINERARIES: THE INDONESIAN MEGALITHS IN IOWA CITY, IOWA  
Watts, Corinne (University of Iowa)
- 17:30 THE FAIRY TALES OF MEGALITHS: EXPLORING ALTERNATIVE HISTORIES BEYOND ARCHAEOLOGICAL NARRATIVES  
Zaleskaya, Liudmila - Lilley, Kirsty (University of Edinburgh)
- 17:45 DISCUSSION SLOT

## 866 CURRENT RESEARCH IN THE AMERICAS. INTERDISCIPLINARY RESEARCH BETWEEN PAST AND PRESENT

**Room:** 83=CU002 FLG Aula T01

**Time:** 8:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Torras Freixa, Maria (Boston University; IAUB, ERAAUB, Universitat de Barcelona) - Pecci, Alessandra (ERAAUB, IAUB, INSA-UB, Universitat de Barcelona) - Campiani, Arianna (Sapienza-Università di Roma) - Vidal Lorenzo, Cristina (Universitat de València)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 PREHISTORIC COLOMBIA. A CONTRIBUTION TO THE STUDY OF MATERIAL CULTURE IN THE OLDEST ARCHAEOLOGICAL SITES  
Muttillo, Brunella (Università di Siena) - Lembo, Giuseppe (Ministry of Education, Italy)

- 9:00 ARCHAEOLOGY OF SOCIAL REPRODUCTION ON THE COAST OF TARAPACÁ: UNVEILING THE SECRETS OF PUNTA LOBOS  
González-Ramirez, Andrea (Universidad Austral de Chile) - Carracedo Recasens, Robert (Universitat Autònoma de Barcelona) - Flores Fernandez, Carola (Universidad Adolfo Ibáñez) - Saez, Aruro (Universidad Austral de Chile)
- 9:15 ARCHAEOLOGY IN THE INLAND SEA OF ÚLTIMA ESPERANZA (MAGALLANES, CHILE)  
Carracedo Recasens, Robert - García Piquer, Albert (Universitat Autònoma de Barcelona) - Navarrete, Vanessa (Institución Milá y Fontanals de Investigación En Humanidades. Consejo Superior de Investigaciones Científicas) - Prieto, Alfredo (Fundación Prisma Austral) - García, Christian (Independent Archaeologist) - Franch Bach, Anna (Centro Austral de Investigaciones Científicas. Consejo Nacional de Investigaciones Científicas y Técnicas) - Aguilera, Nelson (Corporación Nacional de Desarrollo Indígena) - Palomo Pérez, Antoni - Piqué Huerta, Raquel (Universitat Autònoma de Barcelona)
- 9:30 TOWARDS AN IMPROVED UNDERSTANDING OF HUMAN-ENVIRONMENT INTERACTIONS DURING THE LATE HOLOCENE AND ANTHROPOCENE IN THE SOUTH-CENTRAL PERUVIAN ANDES  
Branch, Nicholas (University of Reading) - Handley, Josephine (University of Exeter) - Meddens, Frank (University of Reading) - Silva, Barbara (Natural England) - Aramburu, Danna (National University of San Cristóbal de Huamanga) - Mitchell, Joe (University of Reading) - Vivanco, Cirilo (National University of San Cristóbal de Huamanga) - Woodcock, Katie (University of Reading)
- 9:45 ANDEAN LANDSCAPE LEGACIES: COMPREHENSIVE DIGITAL MAPPING OF ANCIENT SETTLEMENT AND CONNECTIVITY AND ITS POTENTIAL FOR SUSTAINABLE HERITAGE FEATURES (NW ARGENTINA)  
Lazzari, Marisa - Oltean, Ioana - Oyaneder, Adrian (University of Exeter) - Scattolin, Maria - Pereyra Domingorena, Lucas (Instituto de Las Culturas - IDECU, UBA-CONICET)
- 10:00 RECONSIDERING A PRE-INKA BORDER ZONE: NEW RESULTS FROM EXCAVATIONS IN THE FAR-NORTHERN REGION OF PIURA, PERU  
Martini, Sarah (Anthropology Department, Yale University) - Nicolas Lorenzo, Dennis (Universidad Nacional Pedro Ruiz Gallo de Lambayeque)
- 10:15 DISCUSSION SLOT



- 11:00 **PRESENTATION OF THE PROJECT "SOUTHERN ECUADOR AND NORTHERN PERU AS AN ANDEAN INTERFACE (AD 500 - 1532)"**  
Lara, Catherine (UMR 8068 Technologie et Ethnologie des Mondes Préhistoriques; Institut Français d'Études Andines - IFEA) - Cardarelli, Lorenzo (Dipartimento di Scienze Dell'Antichità, University of Rome la Sapienza; CNR - Istituto di Scienze del Patrimonio Culturale) - Lago, Giancarlo (University of Bologna, Department of Economics) - Montalvo, Carlos (Museo de Arte Precolombino Casa del Alabado) - Tacconi, Samuele (Sainsbury Research Unit, University of East Anglia) - Constantine, Angelo (Facultad de Ciencias Sociales y Humanísticas, Centro de Estudios Arqueológicos y Antropológicos, Escuela Superior Politécnica del Litoral)
- 11:15 **THE FORGOTTEN COAST: RECONSTRUCTING THE SETTLEMENT HISTORY OF NORTHEAST HONDURAS**  
Reindel, Markus (German Archaeological Institute) - Lyons, Mike - Martinet, Adrien (University of Bonn, Department for the Anthropology of the Americas)
- 11:30 **THE LATE PRECLASSIC USULUTÁN CERAMICS OF HONDURAS. A TYPOLOGICAL STUDY AND NEW PERSPECTIVES FROM THE NORTHEASTERN COAST OF HONDURAS**  
Martinet, Adrien (University of Bonn; German Archaeological Institute)
- 11:45 **ECONOMIC EXCHANGE NETWORKS IN NORTHEAST HONDURAS: AN ARCHAOMETRIC APPROACH**  
Lyons, Mike (University of Bonn, Department for the Anthropology of the Americas)
- 12:00 **INTOXICANT CONSUMPTION IN THE PRECOLONIAL CARIBBEAN - HOW TO IDENTIFY PLANTS AND MODES OF CONSUMPTION THROUGH AN INTERDISCIPLINARY METHODOLOGY**  
López Aceves, Judith Margarita (University of Leicester)
- 12:15 **NEW INSIGHTS ON ANCIENT MAYA CUISINE THROUGH MICROBOTANICAL REMAINS AND IMAGING TECHNIQUES**  
Cagnato, Clarissa (Ca' Foscari University of Venice) - Ponce, Jocelyne (Tulane University) - Longo, Laura (Ca' Foscari University of Venice) - Prasek, Marko - Longo, Elena - Tromba, Giuliana (Elettra-Sincrotrone SCpA) - Parisatto, Matteo - Bonetto, Alessandro - Badetti, Elena - Marcomini, Antonio (Ca' Foscari University of Venice)
- 12:30 **DISCUSSION SLOT**
- 12:45 **DISCUSSION SLOT**

- 14:00 **ARCHAEOLOGICAL PROSPECTION IN A NEIGHBORHOOD IN THE CENTRE OF TEOTIHUACAN (MEXICO). SEASON 2023-24**  
Pecci, Alessandra (ERAAUB; IAUB; Insaub, Universitat de Barcelona) - Moragas, Natalia (ERAAUB, IAUB, Universitat de Barcelona) - Barba, Luis Alberto (Lpa, lia, Unam) - Ortiz Butron, Agustin (Lpa, lia, Unam) - Blancas, Jorge (Lpa, lia, Unam) - Bernal, Itzayana (Lpa, lia, Unam)
- 14:15 **AFTER CLASSIC TEOTIHUACAN: LIVING AMONG THE RUINS**  
Torras Freixa, Maria (Gerda Henkel Foundation; ERAAUB, IAUB, Universitat de Barcelona) - Moragas, Natalia (ERAAUB, IAUB, Universitat de Barcelona) - Pecci, Alessandra (ERAAUB, IAUB, Insaub, Universitat de Barcelona)
- 14:30 **MEGALITHIC' ARCHITECTURE AND THE EARLY CLASSIC PERIOD AT SANTA ROSA XTAMPAK, CAMPECHE: STATE OF THE ART**  
Paap, Iken (Ibero-Amerikanisches Institut, Berlin)
- 14:45 **THE PALACE OF THE SERPENT OR THE CHANGE OF THE GAZE**  
Munoz Cosme, Gaspar (Universitat Politècnica de València; Universitat de València) - Vidal Lorenzo, Cristina (Universitat de València) - Huchim Herrera, José (Instituto de Antropología e Historia de México) - Horcajada Campos, Patricia (Universidad Complutense de Madrid)
- 15:00 **INFRASTRUCTURE, GROWTH AND NEGOTIATION AT PALENQUE, MEXICO: THE LATE CLASSIC BUILT ENVIRONMENT OF A MAYA CITY**  
Campiani, Arianna (Sapienza University of Rome)
- 15:15 **CHICHEN ITZA 3D ATLAS - CHANGE DETECTION, VISUALIZATION, AND ARCHIVAL SYSTEMS ENABLING MULTI-SCALAR AND MULTIDISCIPLINARY ANALYSIS AND COLLABORATION**  
Mcavoy, Scott (Cultural Heritage Engineering Initiative - University of California San Diego; Openheritage3D.Org) - Rissolo, Dominique (Cultural Heritage Engineering Initiative - University of California San Diego; Scripps Centre for Marine Archaeology) - Stanton, Travis (University of California Riverside) - Osorio León, José (Instituto Nacional de Antropología e Historia (Inah) - Pérez Ruiz, Francisco (Instituto Nacional de Antropología e Historia (Inah) - Kuester, Falko (Cultural Heritage Engineering Initiative - University of California San Diego)
- 15:30 **DISCUSSION SLOT**
- 15:45 **DISCUSSION SLOT**

- 16:30 **INITIAL INVESTIGATIONS INTO ANTHROPOGENIC LANDSCAPE MODIFICATIONS ON OSSABAW ISLAND, GEORGIA, UNITED STATES**  
Thompson, Amanda D. (University of Georgia) - Holland-Lulewicz, Isabelle (The Pennsylvania State University) - Holland-Lulewicz, Jacob (The Pennsylvania State University) - May, Kenzie (The Pennsylvania State University) - Keenan, Matthew (The Pennsylvania State University)
- 16:45 **THEIR „TRADITIONAL ENEMIES“ – HOW THE SPANISH INTRUSION CHANGED THE RELATIONSHIP BETWEEN THE PUEBLO AND THEIR NEIGHBORS**  
Lewandowska, Magdalena (Jagiellonian University, Institute of Archaeology)
- 17:00 **MAPPING THE RELATIONSHIP OF THE SPANISH EMPIRE AND THE CARIBBEAN IN THE 16TH-18TH CENTURIES: CERAMIC ANALYSIS FROM CARTAGENA DE INDIAS**  
Pujals Blanch, Sonia (University of Barcelona) - Buxeda I Garrigós, Jaume (University of Barcelona) - Mentasana, Roberta (University of Barcelona)
- 17:15 **TRACKING THE EXPLOITATION OF MARINE RESOURCES IN POST-COLONIAL BRAZIL THROUGH CHEMICAL ANALYSIS OF POTTERY**  
Di Muro, Alice (Institute of Environmental Science and Technology (Icta) and Department of Prehistory, Universitat Autònoma de Barcelona; BioArCh, Department of Archaeology, University of York) - Admiraal, Marjolein (BioArCh, Department of Archaeology, University of York) - Fossile, Thiago (Institute of Environmental Science and Technology (Icta) and Department of Prehistory, Universitat Autònoma de Barcelona) - Borba, Fernanda Mara (Museu Arqueológico de Sambaqui de Joinville, Brazil) - Alves, Maria Cristina (Museu Arqueológico de Sambaqui de Joinville, Brazil) - da Rocha Bandeira, Dione (Museu Arqueológico de Sambaqui de Joinville, Brazil) - Craig, Oliver Edward (BioArCh, Department of Archaeology, University of York) - Colonese, André Carlo (Institute of Environmental Science and Technology (Icta) and Department of Prehistory, Universitat Autònoma de Barcelona)
- 17:30 **THE INVISIBILIZATION OF WOMEN IN THE ARCHAEOLOGICAL AND DOCUMENTARY RECORD OF CONTINENTAL PATAGONIA.**  
Sacchi, Mariana (Universidad Católica de Temuco, Carrera de Arqueología, Chile; Universidad de Buenos Aires, Facultad de Filosofía y Letras, Argentina) - Saletta, María (Universidad Nacional de la Matanza)

- 17:45 **„EVERYDAY LIFE IN THE TROPICS. CONTEMPORARY ARCHAEOLOGY AND THE SWEDISH IMMIGRANT COLONY IN BAYATE, CUBA (1905-1920**  
Karlsson, Hakan (University of Gothenburg, Department of Historical Studies)
- 18:00 **DISCUSSION SLOT**

## 880 PARIS OR PARADIGM SHIFT

- Room:** 48=CU006-FLG-Aula C  
**Time:** 14:00 - 18:30  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Regular session  
**Organisers:** Martens, Vibeke (Niku - Norwegian Institute for Cultural Heritage Research) - Taylor, Gillian (Teesside University) - Dawson, Tom (University of St Andrews)

## ABSTRACTS

- 14:00 **ADVOCATING PARADIGM SHIFT**  
Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research)
- 14:15 **RESILIENCE, RESISTANCE AND ACCEPTANCE: IN SITU PRESERVATION AND THE PROPERTIES IN CARE IN SCOTLAND**  
Davies, Mairi (Historic Environment Scotland)
- 14:30 **LOSING WHAT WE GAINED? A WANING**  
Groenendijk, Maarten (Green Archaeology)
- 14:45 **DISCUSSION SLOT**
- 15:00 **WHO PAYS? HERITAGE AND CLIMATE CHANGE.**  
Dawson, Tom - Hambly, Joanna - Mitchell, Juliette (University of St Andrews; Scape)
- 15:15 **CHALLENGING PARIS: CASE STUDIES FROM NORTH AMERICAN HERITAGE AT RISK (NAHAR)**  
Miller, Sarah (Florida Public Archaeology Network)
- 15:30 **SUSTAINABLE EARTH: TOWARD AN ADAPTIVE METHODOLOGY OF IN-SITU PRESERVATION AT VÉSZTŐ-MÁGOR, HUNGARY**  
Seifert, Jerrod (University of Oslo) - Lingle, Ashley (University of York) - Gyucha, Attila (University of Georgia) - Corton, Therese (Cardiff University) - Duffy, Paul (Christian-Albrecht University of Kiel) -

Parkinson, William (University of Illinois - Chicago; the Field Museum of Natural History) - Ridge, William (University of Illinois - Chicago) - Riebe, Danielle (University of Georgia)

15:45 DISCUSSION SLOT

16:30 THE VANISHING WALL(S): HOW IS CLIMATE CHANGE AFFECTING HADRIAN'S WALL, AND WHAT CAN WE DO ABOUT IT?  
Alberti, Marta (Vindolanda Trust) - Taylor, Gillian (Teesside University)

16:45 CLIMATE CHANGE AND THE COASTAL ARCHAEOLOGICAL HERITAGE OF IRELAND  
Pollard, Edward - Corns, Anthony - Shaw, Robert - Davidson, Lesley (The Discovery Programme: Centre for Archaeology and Innovation Ireland)

17:00 DISCUSSION SLOT

### 884 TRANSFER AND RECEPTION OF PUBLIC AND PRIVATE ARCHITECTURAL TYPES IN THE COASTAL SETTLEMENTS OF THE MEDITERRANEAN BASIN

**Room:** 15=CU003-FL3-Aula XXII

**Time:** 8:30 - 13:00

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Ferritto, Roberta (Università di Bologna; University of Pennsylvania) - Lo Monaco, Viviana - Fuduli, Leonardo (Universidade de São Paulo) - Monseff Junqueira, Nathalia (Universidade Federal de Mato Grosso Do Sul)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 ROMAN INFLUENCES AND LOCAL TRADITIONS: A COMPARATIVE STUDY OF MARITIME VILLAS IN THE MEDITERRANEAN BASIN  
Ferritto, Roberta (Università di Bologna; University of Pennsylvania)

9:00 THE RECEPTION OF HELLENISTIC ARCHITECTURE IN THE ROMAN MARITIME VILLA OF SOUTHERN CAMPANIA  
Perrella, Rosaria (Museo Archeologico Nazionale di Napoli)

9:15 PROPAGANDA AND PUBLIC ARCHITECTURE IN THE EASTERN SICILIAN COAST UNDER SEVERAN RULE  
Fuduli, Leonardo (University of São Paulo)

9:30 THE DOMESTIC FOUNTAIN OF THE ANCIENT ROMAN DOMUS  
Monticolo, Antonio (Pisa University)

9:45 EXPLORING THE FUNERARY ARCHITECTURE OF MOIE DI POLLENZA: DESIGN AND CROSS-CULTURAL INFLUENCES  
Ficcadenti, Benedetta (Universität Basel)

10:00 CULTURAL CONTACTS IN JUDAEA-PALAESTINA IN THE ROMAN PERIOD: STUDIES OF THE URBAN GRID AND MONETARY CIRCULATION IN TEL DOR, ISRAEL  
Porto, Vagner (University of Sao Paulo)

10:15 DISCUSSION SLOT

11:00 THE USE OF ROMAN ARCHITECTURE FOR THE CONSTRUCTION OF RELIGIOUS IDENTITY IN TEL DOR, ISRAEL (I BC - III AD)  
Aga Pereira Passos, Letícia (University of São Paulo)

11:15 "ENCASED LIKE A GEM": THE ARCHITECTURE OF THE SANCTUARY OF TAS-SIL IN MALTA THROUGH MILLENNIA, BETWEEN TRADITION AND RECEPTION  
Bonzano, Francesca (Università Cattolica of Milan, Department of History, Archaeology and Art History) - Recchia, Giulia (Sapienza University of Rome, Department of Antiquities) - Semeraro, Grazia (University of Salento, Department of Cultural Heritage)

11:30 THE LIBRARY OF ALEXANDRIA AND ITS INTEGRATION INTO THE CITY'S LANDSCAPE FROM THE PERSPECTIVE OF GREEK TRAVELERS  
Junqueira, Nathalia (Universidade Federal de Mato Grosso Do Sul)

11:45 DISCUSSION SLOT

12:00 PERIPHERAL ENVY SATIATED: A LATE ROMAN ELITE URBAN MANSION AT KOURION ON CYPRUS.  
Rupp, David (Department of Classics and Archaeology - Brock University)

12:15 THE CULT OF YAHWEH IN THE MEDITERRANEAN BASIN: THE PRESENCE OF JEWS AND SAMARITANS ON DELOS IN THE ROMAN PERIOD  
Almeida, Vítor (Museu de Arqueologia e Etnologia, Universidade de Sao Paulo)

12:30 DISCUSSION SLOT

12:45 DISCUSSION SLOT

**888 FROM MATERIAL LANDSCAPES TO COGNITIVE LANDSCAPES****Room:** 20=CU003-FL4-De Martino**Time:** 14:00 - 18:30**Theme:** 1. The Material Record: Current Trends and Future Directions**Format:** Workshop**Organisers:** Verdonkschot, Jadranka (Incipit-CSIC) - Guénin-Carlut, Avel (University of Sussex; Kairos Research; Active Inference Institute)**903 ?WHAT DOES POTTERY TELL US?? INTERPRETING THE NEOLITHIC LIFESTYLE IN THE SOUTH OF EUROPE: TRADITIONS, CULTURAL IDENTITY AND INTERACTIONS****Room:** 35=CU005-FL1-Gismond I**Time:** 14:00 - 18:30**Theme:** 1. The Material Record: Current Trends and Future Directions**Format:** Regular session**Organisers:** Espada-Martín, Estíbaliz (Universidad Autónoma de Madrid) - Cattiaux, Méline (Laboratory Traces - UMR 5608; University Toulouse 2-Jean Jaurès) - Turini, Mailys (Université Côte D'Azur de Nice, Laboratoire Du CEPAM, UMR7264, CNRS)**ABSTRACTS**14:00 **CONCEPTUAL METAPHOR THEORY IN ARCHAEOLOGY: SEEKING METAPHORS AND SYMBOLS ON PAINTED POTTERY FROM MIDDLE NEOLITHIC CENTRAL GREECE**  
Angeli, Effimia (Maria Curie-Sklodowska University)14:15 **OCULADOS: THE EYES, WIDE OPEN**  
Andina, Fernando - Gámiz Caro, Jesús (Universidad de Granada)14:30 **STYLE VS. TECHNIQUE: EARLY NEOLITHIC POTTERY FROM AMZABEGOVO (BARUTNICA, NORTH MACEDONIA).**  
Burke, Clare (Dept. of Archaeology, University of York) - Stojanovski, Darko (Austrian Archaeological Institute)14:45 **DISCUSSION SLOT**15:00 **„BREAKING BONES. NEW INSIGHTS ON NEOLITHIC POTTERY PRODUCTION IN NORTHEAST ITALY (6TH AND 5TH MILLENNIA CAL. BCE“**  
Ciela, Marika (University of Trento) - Amicone, Silvia (Archaeometry Research Group, Eberhard Karls University of Tübingen; Institute of Archaeology, University College London) - Salzani, Paola (Superin-

tendence of Archaeology, Fine Arts and Landscape of the Provinces of Verona, Rovigo and Vicenza) - Pedrotti, Annalisa (University of Trento)

15:15 **TRACING NEOLITHIC PATHWAYS: INVESTIGATING CLAY RESOURCE EXPLOITATION IN CENTRAL ITALY**

Chiarabba, Emma - Medeghini, Laura - Capriotti, Sara (Sapienza University of Rome) - Forti, Luca (University of Milan) - Conati Barbaro, Cecilia (Sapienza University of Rome)

15:30 **POTTERS WITH THEIR TOOLKIT: IDENTIFICATION OF POTTERY PRODUCTION TECHNIQUES AT CORO TRASITO CAVE THROUGH SURFACE TRACEOLOGY**  
Díaz-Bonilla, Sara - Gassiot-Ballbè, Ermengol (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Rey-Lanaspa, Javier (Dirección General de Patrimonio Cultural del Gobierno de Aragón) - Clemente-Conte, Ignacio (Institución Milà y Fontanals. Consejo Superior de Investigaciones Científicas)15:45 **DISCUSSION SLOT**16:30 **CERAMIC TRADITIONS AND SALT PROCESSING IN NORTHERN IBERIA: THE EARLIEST NEOLITHIC EXPLOITATION OF SALT VALLEY OF AÑANA IN WESTERN MEDITERRANEAN**  
Cámara Manzaneda, Javier (Departamento de Geografía e Historia, Universidad de la Laguna) - Weller, Olivier (CNRS, UMR 8215 Trajectoires. de la Sédentarisation À L'État) - Plata Montero, Alberto (Fundación Valle Salado de Añana) - Gomart, Louise (CNRS, UMR 8215 Trajectoires. de la Sédentarisation À L'État) - Camarero, Cristina - Martínez Torrecilla, José Manuel (Qark Arqueologia SI) - García Martínez de Lagrán, Íñigo (Departamento de Prehistoria y Arqueología, Universidad Nacional de Educación a Distancia)16:45 **NEW CONTRIBUTIONS TO THE UNDERSTANDING OF THE EARLY NEOLITHIC IN CENTRAL IBERIA: RECENT DISCOVERIES AND FORTHCOMING APPROACHES**  
Espada-Martín, Estíbaliz (Universidad Autónoma de Madrid)17:00 **DISCUSSION SLOT**

## 928 WHY WE SHOULD PERSIST IN MAKING ARCHAEOLOGY ACCESSIBLE AND INCLUSIVE TO ALL?

**Room:** 27=CU002-FL1-Aula VII

**Time:** 16:30 - 18:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Round table

**Organisers:** Hunt, Abi (University of Lincoln; Harlaxton College; Enabled Archaeology Foundation) - Gerberg Hostrup, Sebastian (Museum Lolland-Falster)

## 931 TRACING HUMAN STORIES THROUGH STABLE ISOTOPES: UNRAVELLING THE DYNAMICS OF HEALTH AND IDENTITIES

**Room:** 10=CU003-FL1-Aula V

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Curto, Ana (Hercules Laboratory, University of Évora) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Democritus University of Thrace) - Goude, Gwenaëlle (CNRS UMR 7269 Lampea) - López-Costas, Olalla (Ecopast. Área de Arqueología. Universidade de Santiago de Compostela; Dpt of Archaeology and Classical Studies. Stockholm University)

### ABSTRACTS

14:00 INTRODUCTION

14:15 STABLE SULFUR ISOTOPE RATIOS AS AN ADDITIONAL PROXY FOR THE RECONSTRUCTION OF WEANING PATTERNS - A CASE STUDY

Cheung, Christina (Department of Anthropology, Chinese University of Hong Kong; Eco-Anthropologie UMR 7206, Muséum National d'Histoire Naturelle, CNRS, Université Paris Diderot; UMR 7269, Lampea, Aix-Marseille Université, CNRS, Minist Culture) - Herrscher, Estelle (UMR 7269, Lampea, Aix-Marseille Université, CNRS, Minist Culture) - Macdonald, Rebecca - Richards, Michael (Department of Archaeology, Simon Fraser University) - Thomas, Aline (Eco-Anthropologie UMR 7206, Muséum National d'Histoire Naturelle, CNRS, Université Paris Diderot)

14:30

EARLY LIFE HISTORIES IN PREHISTORIC ALGERIA: FIRST EVIDENCES BY MULTI-ISOTOPE AND BIOANTHROPOLOGICAL APPROACHES

Goude, Gwenaëlle (CNRS, Aix Marseille Univ, Minist Culture, UMR 7269 Lampea) - Chaïd-Saoudi, Yasmina (Algiers University 2, Institute of Archaeology, Laboratory of Sedimentary Basins & Geodynam-ics) - Stéphane Rottier, Samuel Bedecarrats (Bordeaux University, UMR 5199 PACEA) - Sayle, Kerry (Suerc, University of Glasgow) - Bray, Fabrice (UAR 3290 MSAP, CNRS, Lille University) - Thibaut Devière, Lou Spanneut (Aix Marseille University, CNRS, IRD, UMR 7330 Cerege) - Babredine Sitouah, Maëlle Couvrat (CNRS, UMR 7269 Lampea; Algiers University 2, Institute of Archaeology) - Domingo C. Salazar-García, Robert Power (School of Archaeology, University College Dublin; Universitat de València) - Laurent Bouby, Apolline Lambert (UMR 5554 ISEM, CNRS, University of Montpellier) - David Au Yang, Guillaume Leduc (CNRS, IRD, Aix Marseille Univ, UMR 7330 Cerege)

14:45

ESTIMATING THE HUMAN DIET IN THE ANCIENT GREEK COLONY OF AMBRACIA USING STABLE ISOTOPES ( $\Delta^{15}\text{N}$ ,  $\Delta^{13}\text{C}$ ) AND BAYESIAN MIXING MODEL.

Georgiadou, Angeliki - Ganiatsou, Elissavet - Xanthopoulos, Kiriakos - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

15:00

EXPLORING ROMAN CHILDCARE THROUGH STABLE ISOTOPE ANALYSIS AND NUTRITIONAL STRESS EVIDENCE: A CASE STUDY OF LUCUS FERONIAE AND ISOLA SACRA.

Formichella, Giulia - Soncin, Silvia (Sapienza University of Rome) - Tafuri, Mary Anne (Sapienza University of Rome)

15:15

INVESTIGATING DIETARY ( $\Delta^{13}\text{C}$ ,  $\Delta^{15}\text{N}$ , AMINO ACIDS) AND MOBILITY PATTERNS (87SR/86SR) AT THE NECROPOLIS OF SAINT JUST DE VALCABRÈRE.

Morcillo, Victor (Universidad Autónoma de Madrid) - Fuller, Benjamin T. (Géosciences Environnement Toulouse) - Van Andringa, William (École Pratique des Hautes Études) - Jaouen, Klervia (Géosciences Environnement Toulouse)

15:30

DISCUSSION SLOT

15:45

DISCUSSION SLOT

16:30

FED THE SAME WAY? EXPLORING THE INFLUENCE OF BREASTFEEDING, WEANING, AND CHILDHOOD DIET ON ADULT SEX RATIOS IN MEDIEVAL TUSCANY

Amaro, Alessio (Department of Anthropology, McMaster University) - Fornaciari, Antonio - Giuffra, Valentina (Department of Translational

Research and New Technologies in Medicine and Surgery, University of Pisa) - Kim, Sang-Tae - Knyf, Martin (School of Earth, Environment & Society, McMaster University) - Prowse, Tracy (Department of Anthropology, McMaster University)

16:45 **DIET ( $\Delta^{13}\text{C}$ ,  $\Delta^{15}\text{N}$ ) AND MOBILITY ( $\Delta^{18}\text{O}$ ) IN THE MEDIEVAL SITE OF NOVIODUNUM (ROMANIA): POVERTY AND THE BOGOMIL NEO-GNOSTIC SECT**

García-Vázquez, Ana (Archaeosciences Division, Research Institute of the University of Bucharest) - Vasile, Gabriel ("Vasile Pârvan" Institute of Archaeology, Romanian Academy) - Coman, Petra (Archaeosciences Division, Research Institute of the University of Bucharest) - Streinu, Marius (National Institute of Heritage, Bucharest) - Stănică, Aurel-Daniel ("Gavrilă Simion" Eco-Museum Research Institute, Tulcea)

17:00 **DIACHRONIC CHANGES IN DIET WITH RESPECT TO THE BLACK DEATH: STABLE ISOTOPIC EVIDENCE FROM MEDIEVAL TOULOUSE, FRANCE**

Kacki, Sacha (UMR5199 PACEA, CNRS-Université de Bordeaux; Department of Archaeology, Durham University) - Tyler, Janelle - Cordiner, Eleanor - Gowland, Rebecca (Department of Archaeology, Durham University) - Gröcke, Darren (Department of Earth Sciences, Durham University) - Montgomery, Janet (Department of Archaeology, Durham University)

17:15 **THE URBAN EVOLUTION OF DIET: EVIDENCE FROM ANCIENT THESSALONIKI USING STABLE ISOTOPES, BAYESIAN MODELING AND MACHINE LEARNING**

Papageorgopoulou, Christina - Choupa, Maria Nefeli - Georgiadou, Angeliki (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Protopsalti, Soultana - Tzevreni, Stavroula - Konstantinidou, Krino - Vasileiadou, Stella (Ephorate of Antiquities of Thessaloniki City, Ministry of Culture and Sports) - Ganiatsou, Elissavet (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

17:30 **MAPPING ISOTOPE SIGNALS IN THE HUMAN PETROUS BONE: ITS POTENTIAL USE AS A TOOL FOR LIFE HISTORY RECONSTRUCTION**

Kontopoulos, Ioannis (University of Tübingen) - Chovalopoulou, Maria Eleni (National and Kapodistrian University of Athens) - Garcia-Huidobro, Valentina - Bocherens, Hervé (University of Tübingen)

17:45 **EXPLORING THE INTERSECTION OF MATERNAL-INFANT DIET, HEALTH, AND SOCIAL STATUS IN INDUSTRIAL LONDON: A COMBINED PALAEOPATHOLOGICAL AND STABLE ISOTOPE APPROACH**

Eggington, Jack - Lewis, Mary - Müldner, Gundula (University of Reading)

18:00 **EXPLORING POTENTIALITY OF STABLE ISOTOPES AND ELEMENTAL COMPOSITION FOR AIDING IN THE IDENTIFICATION OF BRIGADIERS KILLED IN SPANISH CIVIL WAR**

López-Costas, Olalla (Area of Archaeology, Ecopast, Cretus, Universidad de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University) - Martínez Cortizas, Antonio (Cretus. Ecopast. Fac of Biology. Universidad de Santiago de Compostela) - Benito Sánchez, María (Departamento de Medicina Legal, Psiquiatría y Patología - Laboratorio de Antropología y Odontología Forense. Universidad Complutense de Madrid)

18:15 **DISCUSSION SLOT**

**936 TOWARDS THE LIVING CITY THROUGH TIME: INTERDISCIPLINARY APPROACHES TO ANCIENT CIVILISATIONS OF CENTRAL ITALY**

**Room:** 17=CU003-FL3-Romeo

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Stoddart, Simon (University of Cambridge; University of Kiel) - Bagnasco, Giovanna (University of Milan) - Carosi, Simona (Soprintendenza Archeologia Belle Arti e Paesaggio Per la Provincia di Viterbo e Per l'Etruria Meridionale) - Franceschini, Mariachiara (Albert-Ludwigs-Universität Freiburg) - Pasiaka, Paul (Johannes Gutenberg-Universität Mainz)

**ABSTRACTS**

8:30 **INTRODUCTION**

8:45 **"TARQUINIA PROJECT": SCALES OF OBSERVATION FOR EXPERIMENTAL PURPOSES IN HISTORICAL AND CULTURAL RECONSTRUCTION**

Bagnasco Gianni, Giovanna (Università degli Studi di Milano)

- 9:00 **THE NEW CITYSCAPE OF VULCI THROUGH TIME: INTERDISCIPLINARY RESEARCH INTO THE ETRUSCAN AND ROMAN CITY**  
Pasięka, Paul (Johannes Gutenberg-Universität Mainz) - Franceschini, Mariachiara (Albert-Ludwigs-Universität Freiburg)
- 9:15 **VULCI E I SUOI ABITANTI ATTRAVERSO I SECOLI. LA STRUTTURAZIONE SOCIALE, CULTURALE ED ECONOMICA ATTRAVERSO LO STUDIO DELLE NECROPOLI.**  
Carosi, Simona (MIC) - Casi, Carlo - Regoli, Carlo (Fondazione Vulci)
- 9:30 **A NEW CULT COMPLEX FROM THE URBAN PLATEAU AT VULCI**  
Sabatini, Serena (University of Gothenburg) - Selsvold, Irene (University of Leicester) - Gustavsson, Anna (University of Gothenburg)
- 9:45 **INTERDISCIPLINARY SCIENTIFIC APPROACHES TO THE ANCIENT CIVILISATIONS OF CENTRAL ITALY: LESSONS FROM SCIENCE@TARQUINIA.**  
Stoddart, Simon (University of Cambridge) - Cattaneo, Cristina (University of Milan) - Esposito, Carmen (University of Bologna) - Madgwick, Richard (University of Cardiff) - Mclaughlin, Rowan (University of Maynooth) - Marras, Gianbattista (University of Cambridge) - Breslin, Emily (Trinity College, Dublin) - Prato, Ornella (University College London) - Schmidt, Frijda (University of Cambridge) - Marzullo, Matilde (University of Milan)
- 10:00 **RECONSTRUCTING ETRUSCAN DIET AND MOBILITY AT THE SAN GIULIANO NECROPOLIS, ITALY**  
Grimes, Vaughan - Tidman, Hope (Memorial University of Newfoundland) - Fulton, Deirdre (Baylor University) - Southon, John (University of California, Irvine) - Zori, Colleen - Zori, Davide (Baylor University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **SITE FORMATION PROCESSES WITH SPECIAL ATTENTION TO THE STUDY OF CONCOTTO.**  
Carter, Constanza - Marras, Gianbattista - Zaggia, Caterina - Sheldrake, Molly - Schmidt, Frijda (University of Cambridge) - Marzullo, Matilde (University of Milan) - Stoddart, Simon - French, Charles (University of Cambridge)
- 11:15 **TARQUINIA PROJECT: POTTERY AS A MULTI-LAYERED INFORMATIVE RESOURCE. PRODUCTION, USAGE, INTERDISCIPLINARITY.**  
Teseo, Daniele - Marzullo, Matilde - Bezzolato, Alice - Micheletti, Sara - Rossi, Eleonora (Tarquinia Project - Università degli Studi di Milano)

- 11:30 **RAW MATERIALS, MANUFACTURING TECHNIQUES AND CULTURAL CONNECTIONS IN IRON AGE AND EARLY ORIENTALIZING TARQUINIA**  
Cerasuolo, Orlando - Bordo, Francesco (Archaeological Park of Cerveteri and Tarquinia - PACT)
- 11:45 **DISCUSSION SLOT**
- 12:00 **COMPARING CENTRAL PLACES: SETTLEMENT AND LAND USE IN ETRURIA**  
Zeviani, Camilla (University of Cambridge; Christian-Albrechts-Universität Zu Kiel)
- 12:15 **THE BLERA ARCHAEOLOGICAL PROJECT: INVESTIGATING ETRUSCAN URBANISM THROUGH MULTI-RESOLUTION ARCHAEOLOGY**  
Olsson, Hampus (Swedish Institute of Classical Studies in Rome; Lund University) - Landeschi, Giacomo (Lund University) - Küçükdemirci, Melda (Istanbul University - Cerrahpaşa; Lund University) - Derudas, Paola (Lund University)
- 12:30 **A VIEW FROM THE EAST: COMPARATIVE STUDIES OF RURAL SETTLEMENT FROM THE VALLEY OF GUBBIO.**  
Negro, Marianna (University of Cambridge) - Whitehead, Nicholas (Independent Scholar) - Ceccarelli, Letizia (Politecnico di Milano) - Coccozza, Carlo - Fernandes, Ricardo (Max Planck Institute of Geanthropology) - Teegen, Wolf-Rüdiger (LMU Munich) - Tilby, Emily (University of Cambridge) - Trentacoste, Angela (British School at Rome) - Halpin, Áine - Bradley, Dan (Trinity College, Dublin)
- 12:45 **DISCUSSION SLOT**

## 946 **RITUALISM AND FUNERARY PRACTICES IN THE MEDITERRANEAN BASIN: OBJECTS, SYMBOLISM, INPUTS, AND RESILIENCE**

**Room:** 14=CU003-FL3-Simonetti

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Conejo, Noe (Università degli Studi di Padova; UNIARQ-Universidade de Lisboa) - Cáceres Puerto, Carlos (Independent Researcher) - Ramos Soldado, José Luis (Andalusian Institute of Historical Heritage-IAPH)

## ABSTRACTS

- 14:00 **INTRODUCTION**

- 14:15 MORTUARY PRACTICES AND IDENTITY IN TEL 'ETON: FROM THE END OF THE BRONZE AGE TO THE LATE IRON AGE  
Baruch, Eyal - Faust, Avraham (Bar-Ilan University)
- 14:30 LA NECROPOLI EST DI POLIZZELLO. INFLUENZE INTERCULTURALI NELLE PRATICHE FUNERARIE DI UN CENTRO INDIGENO DELLA SICILIA CENTRO-MERIDIONALE (TITOLO PROVVISORIO)  
Barbera, Antonio (Archeologo Specializzato Indipendente)
- 14:45 PATTERNS OF CONNECTIVITY IN ARCHAIC MÉTAUROS  
Scaravilli, Marco Stefano (MIC - Soprintendenza Abap Rc-Vv) - Quondam, Francesco - Hansen, Clara (University of Vienna)
- 15:00 RITUALISM AND FUNERARY PRACTICES IN TARTESSOS: THE QUESTION OF IDENTITY IN A WORLD OF CONSTANT CHANGE  
Ramos-Soldado, José Luis (Laboratory of Palaeobiology, Andalusian Institute of Historical Heritage)
- 15:15 SOME PHOENICIAN JEWELS FROM MOTYA (SICILY)  
Oliveri, Francesca (Former Soprintendenza del Mare)
- 15:30 THE AFTERLIFE OF FUNERARY MONUMENTS. REUSE AND MISUSE OF THOLOI TOMBS IN CLASSICAL ANTIQUITY  
Galli, Alessio (Scuola Normale Superiore di Pisa)
- 15:45 DISCUSSION SLOT
- 16:30 CONSTRUCTING LOCAL IDENTITIES IN THE MEDITERRANEAN WEST. FUNERARY CONTEXTS AND CULTURAL HYBRIDISATION IN COLONIA AUGUSTA EMERITA.  
Cáceres-Puerto, Carlos (Independent Researcher)
- 16:45 IMPERIAL FUNERARY CONTEXTS FROM THE SITE OF UNHOS (LOURES, PORTUGAL). STUDY OF BONE ARTEFACTS, POTTERY AND GLASS VESSELS  
Guimarães, Raquel (ERAAUB Equip de Recerca Arqueològica I Arqueomètrica de la Universitat de Barcelona; IAUB Institut d'Arqueologia de la Universitat de Barcelona; CHAM Centro de Humanidades) - Lopes, Martim (Universitat Rovira i Virgili; CHAM Centro de Humanidades)
- 17:00 ROMAN-PERIOD BURIAL PRACTICES AND FUNERARY ARCHITECTURE AT HIPPOS OF THE DECAPOLIS: BETWEEN LOCAL, PROVINCIAL, AND CLASSICAL  
Eisenberg, Michael (Zinman Institute of Archaeology, University of Haifa; German Institute of Archaeology (GPIA) - Kowalewska, Arleta (Zinman Institute of Archaeology, University of Haifa)

- 17:15 "I WROTE ENTIRELY IN (MY) OWN HAND": THE ROLE OF LOCAL STONE-DRESSING WORKSHOPS IN POST-ROMAN FUNERARY PRACTICES FROM ZOARA (JORDAN)  
Perez Yarza, Lorena - Borczyńska, Julia - Rea, Andrés - Nowakowski, Paweł - Bastero Acha, Marina (University of Warsaw)
- 17:30 POST-DEPOSITIONAL RITUALISM AT LATE ANTIQUE TOMBS OF THE WESTERN MEDITERRANEAN. LOCAL PARTICULARITIES IN A COMMEMORATIVE KOINÉ  
Ardeleanu, Stefan (University of Hamburg)
- 17:45 THE USE OF COINS IN LONGOBARD TOMBS: CONTINUITY OF A RITE OR A PRACTICE WITH RENEWED MEANINGS?  
Conejo, Noe (Università degli Studi di Padova- Universidad Carlos III de Madrid)
- 18:00 BETWEEN MATERIAL AND IMMATERIAL. THE GRAVE GOODS AND THEIR DIFFERENT MEANINGS FROM THE 8TH TO THE 10TH CENTURIES  
Colagrande, Andrea (Università degli Studi di Trento)
- 18:15 DISCUSSION SLOT

### 971 HEALTH OF LABORING COMMUNITIES ACROSS GEOGRAPHIES OF WORK

**Room:** 102=CNR01-FLG-Biblioteca

**Time:** 11:00 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Cianciosi, Alessandra (University of Amsterdam) - Caval, Sasa (Scientific-Research Centre of the Sazu) - Manfio, Stefania (Stanford University)

### ABSTRACTS

- 11:00 WHO WERE THE MINERS OF THE ROCCA SAN SILVESTRO CASTLE?  
Viva, Serena (Department of History and Cultural Heritage, University of Siena; Department of Cultural Heritage, University of Salento) - Bianchi, Giovanna (Department of History and Cultural Heritage, University of Siena) - Geltner, Guy (History Department, Faculty of Arts, Monash University)
- 11:15 MEDIEVAL MINERS AND SMELTERS: SILVER PRODUCTION, SETTLEMENT AND ENVIRONMENT  
Hrubý, Petr - Malý, Karel (Masaryk University of Brno) - Kočár, Petr (Institute of Archaeology, Academy of Sciences) - Petr, Libor (Masaryk University of Brno)



- 11:30 **BIOMECHANICS OF INDIVIDUALS FROM A COLONIAL DOCKYARD SITE IN BRAZIL**  
De Almeida Prado, Patricia (Université Sorbonne Paris Nord; Universidade Federal da Bahia) - Borges, Caroline (Universidade Federal Rural de Pernambuco) - Nascimento Oliveira, Ana - Souza Cunha, Claudia (Universidade Federal Do Piauí)
- 11:45 **DISCUSSION SLOT**
- 12:00 **LABOR EXPLOITATION AND HEALTH INEQUITIES AMONG SUGAR PLANTATIONS WORKERS IN MAURITIUS**  
Cianciosi, Alessandra (Ca' Foscari University of Venice) - Manfio, Stefania (Stanford University)
- 12:15 **„THE QUALITY OF LIFE“: AN ARCHIVE OF INDENTURED LABOURERS' LIVES FROM MAURITIUS**  
Caval, Saša (Scientific-Research Centre of the Sazu, Ljubljana; University of Primorska)
- 12:30 **LABOUR, SLAVERY AND ETHNICITY IN 19TH AND 20TH CENTURY PEARLING COMMUNITIES, SHARK BAY AND COSSACK, WESTERN AUSTRALIA**  
Anderson, Ross (Western Australian Museum)
- 12:45 **DISCUSSION SLOT**

## 982 **TRACING & PROTECTING: FACING THE SHADOWS OF ILLICIT TRAFFICKING IN CULTURAL GOODS**

**Room:** 9=CU003-FL1-Aula IV

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Axelsen, Irmelin (Museum of Cultural History, University of Oslo) - Traviglia, Arianna (Italian Institute of Technology) - Runhovde, Siv Rebekka (Museum of Cultural History, University of Oslo) - Vico Belmonte, Ana (Universidad Rey Juan Carlos)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **LEGALITY IN THE FORMATION OF ARCHAEOLOGICAL COLLECTIONS AND FUTURE TRENDS: A CASE STUDY OF THE MUSEO DE AMÉRICA DE MADRID**  
Labrador Ballester, Patricia - Martínez Peláez, Agustín (Universidad Rey Juan Carlos; Grupo de Investigación Hiart) - de la Fuente Polo, Paula (Universidad Rey Juan Carlos)

- 9:00 **TRADITION AND CONSISTENCY IN POLISH APPROACH TO EXPORT OF MOVEABLE ARCHAEOLOGICAL HERITAGE.**  
Wisniewski, Mariusz - Szubska, Magdalena (Ministry of Culture and National Heritage)
- 9:15 **DISCUSSION SLOT**
- 9:30 **ANALYSIS OF THE LEGAL AND ADMINISTRATIVE SITUATION OF TRAFFICKING IN CULTURAL GOODS.**  
De la Fuente Polo, Paula - Vico Belmonte, Ana (Rey Juan Carlos University)
- 9:45 **TRAFFICKED CULTURAL HERITAGE ARTEFACTS: BETWEEN TRANSNATIONAL GOVERNANCE AND NATIONAL LEGAL FRAMEWORKS**  
Roland, Håkon (University of Oslo)
- 10:00 **CHANNELING SMUGGLING OF CULTURAL GOODS THROUGH THE SCHENGEN AREA. POLICY GAPS IN THE EUROPEAN CONTEXT**  
Nothnagel Vivas, Katharina (Universidad Rey Juan Carlos)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FINANCIAL CRIME AND THE ART MARKET. A REVIEW OF THE LITERATURE.**  
Runhovde, Siv Rebekka (Museum of Cultural History University of Oslo)
- 11:15 **INVESTIGATING FINANCIAL CRIME IN ANTIQUITIES TRAFFICKING**  
Gkioni, Maria (ACFE Greece)
- 11:30 **TUT ON TOUR: 30 YEARS OF DEMAND CREATION THROUGH EXHIBITION**  
Austin, Summer (University College London)
- 11:45 **DISCUSSION SLOT**
- 12:00 **RITHMS INNOVATIVE PLATFORM: A EUROPEAN PROJECT TO SUPPORT LAW ENFORCEMENT AGENCIES' FIGHT AGAINST CULTURAL HERITAGE CRIME THROUGH TECHNOLOGY**  
De Bernardin, Michela - Riccardo, Giovanelli - Leeson, Madison - Traviglia, Arianna (Istituto Italiano di Tecnologia)
- 12:15 **THE CULTURAL HERITAGE AT RISK DATABASE: PROACTIVE AND REACTIVE MEASURES TO TRACE STOLEN AND LOOTED CULTURAL PROPERTY**  
Korner, Will (The Cultural Heritage at Risk Database)

12:30 DOCUMENTING CONFLICT ANTIQUITIES TRAFFICKERS IN RUSSIA'S WAR ON UKRAINE

Hardy, Samuel (NIKU - Norwegian Institute for Cultural Heritage Research) - Telizhenko, Serhii (Institute of Archaeology, National Academy of Sciences of Ukraine)

12:45 DISCUSSION SLOT

## 995 SENSE AND SUSTAINABILITY IN FORAGING COMMUNITIES

**Room:** 43=CU013-FL1-Careri

**Time:** 14:00 - 18:30

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Session with presentation of 6 slides in 6 minutes

**Organisers:** Bentsen, Silje (Nordland County Council; University of the Witwatersrand) - Grimm, Sonja (Zentrum für Baltische und Skandinavische Archäologie - ZBSA)

### ABSTRACTS

14:00 INTRODUCTION

14:06 DISCUSSION SLOT

14:12 ADAPTATION STRATEGIES OF EARLY TO MID-HOLOCENE HUNTER-GATHERERS IN THE NON-AQUATIC SAVANNAH ENVIRONMENT OF NW BUTANA, SUDAN

Varadzin, Ladislav (Institute of Archaeology of the CAS, Prague, Ladislav Varadzin) - Varadzinová, Lenka (Czech Institute of Egyptology, Faculty of Arts, Charles University) - Juříčková, Lucie (Department of Zoology, Faculty of Science, Charles University) - Hošek, Jan (Czech Geological Survey) - Hošková, Kristína - Kapustka, Katarína (Institute of Archaeology, Czech Academy of Sciences, Prague)

14:18 IN TUNE WITH NATURE? RESOURCE MANAGEMENT DURING LATE PLEISTOCENE AND EARLY HOLOCENE IN THE WESTERN FAÇADE OF IBERIA

Gameiro, Cristina (UNUARQ -FLUL, Universidade de Lisboa)

14:24 MAGDALENIAN ALPINE IBEX HUNTERS IN THE HIGH MOUNTAINS

Valde-Nowak, Pawel - Kowal, Magda - Kraszewska, Anna - Kościuk-Zatupka, Julia (Jagiellonian University) - Nadachowski, Adam (Polish Academy of Science) - Sojak, Marian (Slovak Academy of Science) - Skłucki, Jakub (Jagiellonian University) - Wacnik, Agnieszka - Kernereder-Gubała, Katarzyna (Polish Academy of Science)

14:30 FOUR THOUSAND YEARS OF CLIMATIC VARIATION, FLEXIBILITY, AND RESILIENCE AMONG HOLOCENE HUNTER-FISHER-GATHERERS ALONG THE SUDANESE NILE

Varadzinová, Lenka (Charles University, Faculty of Arts) - Varadzin, Ladislav (Institute of Archaeology of the CAS, Prague; Charles University, Faculty of Arts) - Ambrose, Stanley (Department of Anthropology, University of Illinois)

## 1000 ADVANCED METHODOLOGIES FOR LIFE HISTORY RECONSTRUCTION IN BIOARCHAEOLOGY

**Room:** 6=CU003-FL1-Aula I

**Time:** 8:30 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Esposito, Carmen (Department of Cultural Heritage, University of Bologna) - Madgwick, Richard (School of History, Archaeology and Religion, Cardiff University) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität) - Buckley, Michael (Manchester Institute of Biotechnology, University of Manchester)

### ABSTRACTS

8:30 INTRODUCTION

8:45 SEA SPRAY EFFECT ON 14C DATING AND BEYOND: 13C AND 14C ANALYSIS SHEDS LIGHT ON SEA SPRAY INDUCED PHYSIOLOGICAL REACTIONS

Göhring, Andrea (Christian Albrecht University Kiel; Geomar Helmholtz Centre for Ocean Research Kiel) - Hüls, C. Matthias (Leibniz Laboratory for Radiometric Dating and Stable Isotope Research Kiel) - Mayr, Christoph (Friedrich-Alexander-Universität Erlangen-Nürnberg; Ludwig-Maximilian-Universität Munich) - Hamann, Christian (Leibniz Laboratory for Radiometric Dating and Stable Isotope Research Kiel)

9:00 SR ISOTOPES SPATIAL DISTRIBUTION IN ITALY: GEOCOMPUTATIONAL TOOLS TO TRACK THE GEOGRAPHICAL ORIGIN OF HUMANS AND ANIMALS

Lugli, Federico - Müller, Wolfgang (Institute of Geosciences, Goethe University Frankfurt) - Cipriani, Anna (Department of Chemical and Geological Science, University of Modena and Reggio Emilia)

- 9:15 **TRACING MOBILITY: EXPLORING ISOSCAPES AND STATISTICAL METHODS IN ASSESSING ALLOCHTHONY OF PAST POPULATIONS**  
Stuart, Emma (Sapienza University of Rome) - Esposito, Carmen (Department of Cultural Heritage, University of Bologna) - Bondioli, Luca (Department of Cultural Heritage, University of Padua; Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - di Renzoni, Andrea (CNR-ISPC (Consiglio Nazionale Delle Ricerche - Istituto di Scienze del Patrimonio Culturale) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität) - Vanzetti, Alessandro (Sapienza University of Rome)
- 9:30 **NOTHING GOES TO WASTE: A NOVEL PROTOCOL TO OPTIMIZE DESTRUCTIVE SAMPLING OF ANCIENT TEETH**  
Esposito, Carmen (Department of Cultural Heritage, University of Bologna) - Galbusera, Alessia (Department of Cultural Heritage, University of Padua; Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Gigante, Melania (Department of Cultural Heritage, University of Padua) - Higgins, Owen (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome; Department of Cultural Heritage, University of Bologna) - Lugli, Federico (Institute of Geosciences, Goethe University Frankfurt; Frankfurt Isotope and Element Research Centre (Fierce, Goethe University Frankfurt; Department of Chemical and Geological Science, University of Modena and Reggio Emilia) - Müller, Wolfgang (Institute of Geosciences, Goethe University Frankfurt; Frankfurt Isotope and Element Research Centre (Fierce, Goethe University Frankfurt) - Madgwick, Richard (School of History, Archaeology and Religion, Cardiff University) - Coppa, Alfredo (Department of History Anthropology Religions Performing Arts, Sapienza University of Rome) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome)
- 9:45 **HOW LONG IN THE TOOTH? DISCUSSING THE TRIALS AND TRIBULATIONS OF MULTI-SAMPLING HUMAN TEETH FOR ISOTOPE ANALYSIS**  
Griffith, Jacob (Archaeology, Environmental Changes, & Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Schulting, Rick (Research Laboratory for Archaeology and the History of Art, School of Archaeology, University of Oxford) - James, Hannah - Gerritzen, Carina - Veselka, Barbara (Archaeology, Environmental Changes, & Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Zariņa, Gunita (Institute of Latvian History, University of Latvia) - Ordoño, Javier (Department of Archaeology and New Technologies) - Čreš-

nar, Matija (Centre for Interdisciplinary Research in Archaeology, Department of Archaeology, Faculty of Arts, University of Ljubljana) - Snoeck, Christophe (Archaeology, Environmental Changes, & Geo-Chemistry Research Group, Vrije Universiteit Brussel)

- 10:00 **UNRAVELLING HORMONAL HISTORIES: PRELIMINARY FINDINGS FROM A NOVEL METHOD TO DETECT REPRODUCTIVE HORMONES IN HUMAN REMAINS USING ENZYME IMMUNOASSAY ANALYSIS**  
Barlow, Aimee (University of Sheffield) - Hemer, Katie (University College London) - Craig-Atkins, Elizabeth (University of Sheffield)
- 10:15 **DISCUSSION SLOT**
- 11:00 **THE AGE OF WISDOM: EXPLORING AGE-AT-MENARCHE IN WOMEN'S WISDOM TEETH: A TOOL FOR THE BIOARCHAEOLOGICAL STUDY OF FEMALE REPRODUCTIVE LIFE-HISTORIES**  
Gigante, Melania (Department of Cultural Heritage, University of Padua) - Cerrito, Paola (Department of Evolutionary Anthropology, University of Zürich) - Bondioli, Luca (Department of Cultural Heritage, University of Padua; Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität; Frankfurt Isotope Element Research Centre, Goethe Universität at Frankfurt; Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Mahoney, Patrick (School of Anthropology and Conservation, University of Kent) - Anczkiewicz, Robert (Institute of Geological Sciences, Polish Academy of Science Research Centre, Cracow) - Müller, Wolfgang (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main; Frankfurt Isotope Element Research Centre, Goethe Universität at Frankfurt) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome)
- 11:15 **BLOOD OF MY BLOOD: MATERNAL HEALTH AND DIET INFERRED FROM HIGH-RESOLUTION HISTOLOGY-DRIVEN, BIOGEOCHEMICAL ANALYSIS OF PRENATAL DECIDUOUS TOOTH ENAMEL**  
Galbusera, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome; Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music, University of Padua) - Higgins, Owen (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome; Department of Cultural Heritage, University of Bologna) - Lugli, Federico (Institut für Geowissenschaften Goethe-Universität; Department of Chemical and Geological Sciences, University of Modena and Reggio

Emilia) - Anckziewicz, Robert (Institute of Geological Sciences, Polish Academy of Sciences, Research Centre in Kraków) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna) - Bondioli, Luca (Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music, University of Padua) - Müller, Wolfgang (Institut für Geowissenschaften Goethe-Universität; Frankfurt Isotope and Element Research Centre, Goethe University) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome)

11:30 **A BLESSING OR A CURSE: USING LEAD CONTAMINATION TO SUPPLEMENT SR/CA AND BA/CA STUDIES OF ROMAN INFANT NURSING PRACTICES**

Oldershaw, Leigh (The Ohio State University) - Lugli, Federico (Laboratory of Osteoarchaeology and Paleoanthropology, Department of Cultural Heritage, University of Bologna; Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Sperduti, Alessandra (Museum of Civilizations, BioArcheology Service, Italy) - Coppa, Alfredo (Department of History, Anthropology, Religion, Arts and Performing Arts, Sapienza University of Rome) - Guatelli-Steinberg, Debbie (Department of Anthropology, the Ohio State University) - Bondioli, Luca (Department of Cultural Heritage, University of Padua; Department of Cultural Heritage, University of Bologna) - Anckziewicz, Robert (Geochronology and Isotope Geochemistry Laboratory Institute of Geological Sciences Polish Academy of Sciences, Kraków) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome)

11:45 **TESTING ISOTOPIC AND ELEMENTAL APPROACHES TO DOCUMENTING NURSING BEHAVIOUR IN THE TEETH OF LIVING CHILDREN**

Smith, Tanya (Griffith Centre for Social and Cultural Research, Griffith University; Australian Research Centre for Human Evolution, Griffith University) - Ávila, Janaína (Griffith Centre for Social and Cultural Research, Griffith University, Australia; School of the Environment, University of Queensland, Australia) - Arora, Manish (Department of Environmental Medicine and Public Health, Icahn School of Medicine at Mount Sinai, USA) - Austin, Christine (Department of Environmental Medicine and Public Health, ICAHN School of Medicine at Mount Sinai) - Sudron, Emma (Griffith Centre for Social and Cultural Research, Griffith University, Australia; Australian Research Centre for Human Evolution, Griffith University, Australia) - Wang, Yue (Research School of Earth Sciences, Australian National University,

Australia) - Williams, Ian (Research School of Earth Sciences, Australian National University)

12:00 **GROWTH PATTERNS AND DEVELOPMENTAL TRAJECTORIES OF FIRST DECIDUOUS MOLARS: A MULTIDISCIPLINARY APPROACH COMBINING HISTOMORPHOMETRIC AND AMELOGENIN ANALYSES**

Magri, Stefano (Department of Cultural Heritage, University of Bologna) - Higgins, Owen (Department of Cultural Heritage, University of Bologna; Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main, Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Silvestrini, Sara - Vazzana, Antonino (Department of Cultural Heritage, University of Bologna) - Bondioli, Luca (Department of Odontostomatological and Maxillofacial Sciences - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna)

12:15 **TOOTH HISTOLOGY AND STABLE OXYGEN AND STRONTIUM ISOTOPE PROFILES TO RESOLVE A CLIMATE-STRESS-RELATIONSHIP OVER INDIVIDUAL HUMAN EARLY LIFE COURSES**

Witzel, Carsten - Fauth, Inga (Department of Biology, University of Hildesheim) - Wang, Yue - Williams, Ian (Shrimp Facility, Research School of Earth Sciences, Australian National University) - Knowles, Brett (Icp-Ms Facility, Research School of Earth Sciences, Australian National University) - Darabi, Hojjat (Institute of Archaeology, Razi University) - Sołtysiak, Arkadiusz (Department of BioArChaeology, Faculty of Archaeology, University of Warsaw)

12:30 **HIGH SPATIAL RESOLUTION MEASUREMENTS OF SR ISOTOPES AND TRACE ELEMENT ABUNDANCE IN DENTAL TISSUES: IMPLICATIONS FOR MOBILITY AND SEASONALITY STUDIES**

Anckziewicz, Robert (Polish Academy of Sciences, Institute of Geological Sciences) - Nava, Alessia (Sapienza University of Rome) - Bondioli, Luca (University of Bologna) - Spötl, Christoph (University of Innsbruck) - Lugli, Federico (Goethe-Universität) - Posth, Cosimo (University of Tübingen) - Müller, Wolfgang (Goethe-Universität) - Dądela, Maria - Koziarska, Marta (Polish Academy of Sciences, Institute of Geological Sciences)

12:45 **DISCUSSION SLOT**

- 14:00 **A MULTI-PROXY ANALYSIS OF LIFE AND DEATH HISTORIES AT MAYA ARCHAEOLOGICAL SITES: INTRODUCING THE ISO-HISTOLOGICAL APPROACH**  
Rand, Asta - Madgwick, Richard (School of History, Archaeology and Religion, Cardiff University)
- 14:15 **LIFE HISTORY RECONSTRUCTIONS OF ENSLAVED AFRICANS IN CARIBBEAN COLONIAL CONTEXTS**  
Laffoon, Jason (Leiden University)
- 14:30 **SCORCHING THE SURFACE: CREATING MORE NUANCED LIFE MOBILITY HISTORIES OF THE CREMATED DEAD**  
Loeffelmann, Tessi (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel, Department of Archaeology, Durham University) - Snoeck, Christophe - Claeys, Philippe (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - Montgomery, Janet (Department of Archaeology, Durham University)
- 14:45 **ISOTOPES AND PEPTIDES. THE MULTI-DISCIPLINARY STUDY OF THE MIDDLE IRON AGE NECROPOLIS OF CUS-PIOVEGO, PADUA, ITALY**  
Capasso, Giusy (Department of Cultural Heritage, University of Padova) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main; Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Armaroli, Elena - Cipriani, Anna (Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Madgwick, Richard (School of History, Archaeology and Religion, Cardiff University) - Prillo, Vito - Gigante, Melania (Department of Cultural Heritage, University of Padova, Italy) - Bondioli, Luca (Department of Cultural Heritage, University of Bologna; Department of Cultural Heritage, University of Padova) - Vidale, Massimo (Department of Cultural Heritage, University of Padova) - Cupitò, Michele (Department of Cultural Heritage, University of Padova)
- 15:00 **VIRTUAL BONE HISTOLOGY FOR THE ASSESSMENT OF LIFE HISTORY: A MULTIMODAL APPROACH FOR THE CHARACTERISATION OF KRAPINA NEANDERTHAL SKELETAL MICROSTRUCTURE**  
Lemmers, Simone (Elettra Sincrotrone Trieste S.C.P.A.; Harvard Medical School; Centre for Genomic Medicine, Massachusetts General Hospital) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome) - Bondioli, Luca (Department of Cultural Heritage, University of Padova) - Radovcic, Davorka (Croatian Natural History Museum) - Mahoney, Patrick (School of Anthropology and Conservation, University of Kent) -

Mancini, Lucia (Slovenian National Building and Civil Engineering Institute (Zag) - Dreossi, Diego (Elettra Sincrotrone Trieste S.C.P.A)

- 15:15 **SEX ESTIMATION AND PHYLOGENETIC CHARACTERIZATION OF PLEISTOCENE FAUNAL ENAMEL**  
Parker, Glendon (University of California - Davis) - Eguez, Natalia (University of California - Davis; Universidad de la Laguna) - Burk, Kyle (University of California - Davis) - Buonasera, Tammy (University of Alaska - Fairbanks) - Eerkens, Jelmer (University of California - Davis) - Morales, Jessica (University of California - Davis) - Eubanks, Jill (University of California - Davis) - Stafford, Thomas (Stafford Research Llc) - McDonald, Greg (Retired) - Spicer, Ashley (California Department for Fish and Wildlife)
- 15:30 **SEASONALITY OF RED DEER (C. ELAPHUS) REVISITED USING TOOTH CEMENTUM ANNULATION AND ELEMENTAL ANALYSIS BY FIELD-EMISSION SEM-EDS**  
Boric, Dusan (Department of Environmental Biology, Sapienza University of Rome; Department of Anthropology, New York University) - Peripoli, Beatrice (Sapienza University of Rome) - Cristiani, Emanuela (Sapienza University of Rome) - Csorba, Gabor (Hungarian Natural History Museum) - Dimitrijevic, Vesna (Laboratory for BioArChaeology, Faculty of Philosophy, University of Belgrade) - Hu, Bin (Department of Molecular Pathobiology, New York University College of Dentistry) - Bromage, Timothy (Department of Molecular Pathobiology, New York University College of Dentistry, New York, Ny; Department of Anthropology, New York University; New York Consortium in Evolutionary Primatology) - Cerrito, Paola (Collegium Helveticum, Eth, Zürich)
- 15:45 **DISCUSSION SLOT**
- 16:30 **ANIMAL LIFE HISTORIES AND THE ECONOMY OF AN EARLY NURAGHE: ZOOARCHAEOLOGY AND ISOTOPE ANALYSIS AT SA CONCA, E SA CRESIA**  
Holt, Emily - Madgwick, Richard (Cardiff University)
- 16:45 **UNDERSTANDING ANIMAL LIFE HISTORIES AND BIOCULTURAL ADAPTATIONS TO CHALLENGING ENVIRONMENTS THROUGH MULTI-ISOTOPE ANALYSIS OF NEONATAL FAUNAL REMAINS**  
Jones, Jennifer (University of Central Lancashire; Evoadapta Research Group, University of Cantabria) - Mulville, Jacqui (Cardiff University)

- 17:00 **STABLE ISOTOPE ANALYSES OF CATTLE TEETH FROM A NEOLITHIC EARTHWORK IN LOWER SAXONY, GERMANY: INSIGHTS INTO BIRTHING SEASONS AND MOBILITY**  
Knipper, Corina (Curt Engelhorn Centre Archaeometry, Mannheim) - Geschwinde, Michael (Independent Researcher) - Grefen-Peters, Silke (Ossatura.De)
- 17:15 **TRACKING ARCHAEOLOGICAL SHEEP BREED DIVERSITY IN SOUTHWEST ASIA IN PALEOPROTEOMIC**  
Vuillien, Manon (Université Côte d'Azur, CEPAM, CNRS, Nice; AASPE, Muséum National d'Histoire Naturelle, CNRS, Paris) - Bray, Fabrice (Msap - Université de Lille, CNRS, Umr3290) - Chahoud, Jwana (Archéorient, CNRS, University of Lyon 2; Department of Archaeology, Lebanese University) - Davoudi, Hossein (BioArChaology Laboratory, Central Laboratory, University of Tehran) - Fathi, Homa (BioArChaology Laboratory, Central Laboratory, University of Tehran) - Berthon, Rémi (AASPE, Muséum National d'Histoire Naturelle, CNRS, Paris) - Al Besso, Moussab (Archéorient, CNRS, University of Lyon 2) - Mashkour, Marjan (AASPE, Muséum National d'Histoire Naturelle, CNRS, Paris; BioArChaology Laboratory, Central Laboratory, University of Tehran) - Vila, Emmanuelle (Archéorient, CNRS, University of Lyon 2)
- 17:30 **DISCUSSION SLOT**

## 1004 TRACKING THE LIFE HISTORY THROUGH THE MICROARCHITECTURE OF THE HUMAN BONE

- Room:** 37=CU005-FL2-Ponzi I  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Figus, Carla (Department of Cultural Heritage, University of Bologna, Ravenna Campus, Italy) - Colombo, Antony (Department of Life and Earth Sciences, Ecole Pratique des Hautes Etudes - EPHE - Paris Sciences & Lettres Université (Psl) University, Paris, France; Unité Mixte de Recherche (UMR) 6034 Archéosciences Bordeaux, Centre National de la Recherche Scientifique - CNRS - Université Bordeaux-Montaigne) - Saers, Jaap (Naturalis Biodiversity Centre, Vertebrate Evolution, Development, and Ecology, the Netherlands)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **SKELETAL DEVELOPMENT PROVIDES NEW TOOLS TO RECONSTRUCT THE EVOLUTION OF HOMININ LOCOMOTION AND LIFE HISTORY**  
Saers, Jaap (Naturalis Biodiversity Centre)
- 9:00 **INSIGHTS FROM THE TRABECULAR DEVELOPMENT OF THE JUVENILE HUMAN DISTAL TIBIA AND TALUS**  
Reid, Rebecca (Centre for Anatomy and Human Identification, University of Dundee) - Davies, Catriona (Centre for Anatomy and Human Identification, University of Dundee) - Cunningham, Craig (Centre for Anatomy and Human Identification, University of Dundee)
- 9:15 **DISCUSSION SLOT**
- 9:30 **CORTICAL AND TRABECULAR BONE RESPONSE TO BIPEDALISM IN AN EXPERIMENTAL RAT MODEL**  
Campillo, America (Department of Anthropology, Pennsylvania State University) - Kuo, Sharon (Department of Biomedical Sciences, University of Minnesota Duluth; Technological Primates Research Group, Max Planck Institute for Evolutionary Anthropology) - Foster, Adam (Department of Anatomy, School of Osteopathic Medicine, Campbell University) - Ryan, Timothy (Department of Anthropology, Pennsylvania State University)

- 9:45 **RE-STRUCTURING OF CORTICAL BONE AT THE FEMORAL MIDSECTION DURING EARLY GROWTH AND LOCOMOTOR DEVELOPMENT OF CHILDREN**  
Swan, Karen (Natural History Museum, London) - Ives, Rachel (Natural History Museum, London) - Humphrey, Louise (Natural History Museum, London)
- 10:00 **DEVELOPING DURING THE YOUNGER DRYAS: INSIGHTS INTO GROWTH PATTERNS OF HUNTER-GATHERERS FROM ITALY**  
Ciappi, Giorgia (Department of Biology, University of Florence) - Dori, Irene (Department of Biology, University of Florence) - Mori, Tommaso (Department of Biology, University of Florence; University Museum System, Anthropology and Ethnology Section, University of Florence) - Riga, Alessandro (Department of Biology, University of Florence) - Moggi-Cecchi, Jacopo (Department of Biology, University of Florence) - Sparacello, Vitale (Department of Life and Environmental Sciences, University of Cagliari)
- 10:15 **DISCUSSION SLOT**
- 11:00 **BONE MICROARCHITECTURAL ANALYSIS: A WAY TO DETECT, UNDERSTAND AND DIAGNOSE PATHOLOGICAL CONDITIONS AND PROCESSES IN CHILDREN.**  
Colombo, Antony (Ecole Pratique des Hautes Etudes - Paris Sciences et Lettres Université; UMR 6034 Archéosciences Bordeaux)
- 11:15 **AGE EFFECT ON TRABECULAR BONE ORGANISATION UNDER INSERTIONAL CORTICAL OSTEOLYSIS(ICO): 3D- CT ANALYSIS OF ENTHESIAL CHANGES ON A JUVENILE OSTEOARCHAEOLOGICAL SAMPLE**  
Navarre, Gwladys (Ecole Pratique des Hautes Etudes; UMR 6034 Archéosciences-Bordeaux) - Dutailly, Bruno (UMR 6034 Archéosciences-Bordeaux; UMR 5199 PACEA) - Vanderesse, Nicolas (UMR 5199 PACEA) - Dutour, Olivier (Ecole Pratique des Hautes Etudes; UMR 6034 Archéosciences-Bordeaux) - Coqueugnot, Hélène (UMR 6034 Archéosciences-Bordeaux; Ecole Pratique des Hautes Etudes)
- 11:30 **MICROARCHITECTURAL DEVELOPMENTAL PATHWAY OF THE CRIBRA ORBITALIA: MICRO-CT ASSESSMENT OF CRIBROUS CHANGES**  
Mikasinovic, Veda - Djukic, Ksenija - Djuric, Marija (Centre of Bone Biology, Faculty of Medicine, Belgrade)
- 11:45 **DISCUSSION SLOT**
- 12:00 **DISCUSSION SLOT**

## 1009 BEYOND THE LENS: CONTEMPORARY METHODS AND INTERDISCIPLINARY SYNERGIES IN ARCHAEOBOTANY

- Room:** 29=CU002-FL1-Aula IX  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Kriti, Alexandra (Institut Català d' Arqueologia Classica) - Moricca, Claudia - Vignola, Cristiano (Department of Environmental Biology, Sapienza University of Rome) - Andonova-Katsarski, Mila (Division of Palaeobotany and Palynology, Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences) - Audiard, Benjamin (Institut des Sciences Analytiques, UMR 5280 CNRS, Université Claude Bernard; Laboratoire de Géographie Physique : Environnements Quaternaires et Actuels, UMR 8591 CNRS - Universités Paris 1 Panthéon Sorbonne)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **TESTIMONIES OF RUIN. SYNERGISTIC ANALYSES OF ARCHAEOBOTANICAL REMAINS FOUND IN A POTTERY DEPOSIT IN CIEPŁE STRONGHOLD, POLAND**  
Nowosadzka, Ilona - Kobjek, Weronika (University of Warsaw)
- 14:30 **ETHNOLOGICAL APPROACH TO ACORN UTILIZATION IN PREHISTORY**  
Tang, Mengxia - An, Ting - An, Juhui (Zhejiang University)
- 14:45 **LAB-INDUCED HEATING OF GREEK BARLEY (H.VULGARE) LANDRACES; A SET OF EXPERIMENTAL METHODS TO EXPLORE PAST AGRICULTURAL PRACTICES**  
Kriti, Alexandra - Livarda, Alexandra - Orengo, Hector (Institut Català d' Arqueologia Classica) - Mylonas, Ioannis (Hellenic Agricultural Organisation-Dimitra, Institute of Plant Breeding and Genetic Resources) - Ninou, Elissavet (Department of Agriculture, International Hellenic University)
- 15:00 **TWO IN DISTRESS MAKES SORROW LESS: HOW SHARING FAILS CAN BRING DISCIPLINE FORWARD**  
Garay Palacios, Blanca (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Berihuete-Azorín, Marian (Universitat Autònoma de Barcelona, Department of Prehistory; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA;

Universitat Rovira i Virgili, Departament d'Història i Història de L'Art  
- Expósito, Isabel (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art)

- 15:15 **ADAPTABILITY AND RESILIENCE: FARMING PRACTICES IN THE IRON AGE SOUTHEASTERN BALTIC**  
Minkevicius, Karolis - Kisielienė, Dalia (Nature Research Centre)
- 15:30 **THE STUDY OF STABLE CARBON ISOTOPES ON ARCHAEOLOGICAL CHARCOALS TO RECONSTRUCT THE PALEOCLIMATE DURING LATE BRONZE AGE IN CENTRAL ITALY**  
Reggio, Chiara (Department of Science of Antiquities, Sapienza University of Rome; Department of Environmental Biology, Sapienza University of Rome) - Vignola, Cristiano (Department of Environmental Biology, Sapienza University of Rome) - Bettelli, Marco (National Research Council, Institute of Cultural Heritage Sciences - CNR-ISPAC, Rome) - Cardarelli, Andrea - Dallai, Luigi (Department of the Earth Sciences, Sapienza University of Rome) - di Renzoni, Andrea (National Research Council, Institute of Cultural Heritage Sciences - CNR-ISPAC, Rome) - Masi, Alessia - Sadori, Laura (Department of Environmental Biology, Sapienza University of Rome)
- 15:45 **DISCUSSION SLOT**
- 16:30 **LATE UPPER PLEISTOCENE CLIMATIC OSCILLATIONS IMPACT ON AN ENDANGERED SPECIES BASED ON GEOMETRIC MORPHOMETRY. THE CASE OF COREMA ALBUM**  
Martínez Varea, Carmen María (Departamento de Prehistoria, Historia Antigua y Arqueología, Universidad de Salamanca; ISEM-UMR 5554, Université de Montpellier, CNRS-IRD-EPHE) - Bouby, Laurent - Ivorra, Sarah (ISEM-UMR 5554, Université de Montpellier, CNRS-IRD-EPHE) - Audiard, Benjamin (Institut des Sciences Analytiques, UMR 5280 CNRS, Université Claude Bernard Lyon 1; Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València) - Badal García, Ernestina (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)
- 16:45 **A MULTI ANALYTIC APPROACH TO DISCRIMINATE VARIETIES OF TRITICUM DURUM CARYOPSES IN ARCHAEOLOGICAL CONTEXT**  
Stella, Matilde - Grasso, Anna Maria - Capone, Martina (Laboratorio di Archeobotanica e Paleoecologia, Dipartimento di Beni Culturali, Università del Salento) - Laghetti, Gaetano (Ibbr-CNR Institute of Biosciences and Bioresources) - Blangiforti, Sebastiano (Stazione Consoziale Sperimentale di Granicoltura Per la Sicilia) - Fanizzi, Francesco Paolo (Laboratorio di Chimica Generale e Inorganica, Dipartimento di

Scienze e Tecnologie Biologiche Ed Ambientali, Università del Salento)  
- de Benedetto, Giuseppe Egidio (Laboratorio di Spettrometria di Massa Analitica Ed Isotopica, Dipartimento di Beni Culturali, Università del Salento) - Fiorentino, Girolamo (Laboratorio di Archeobotanica e Paleoecologia, Dipartimento di Beni Culturali, Università del Salento)

- 17:00 **ADDING ANCIENT DNA TO MULTI-PROXY ARCHAEOBOTANICAL STUDIES OF COPROLITES YIELDS FURTHER INSIGHT INTO NEOLITHIC DIETARY DIVERSITY**  
De Groot, Arjen (Wageningen Ur; Utrecht University) - Kubiak-Martens, Lucy (Biax Consult) - Özdoğan, Kadir (Utrecht University; Wageningen Ur) - Plets, Gertjan (Utrecht University) - Huisman, Hans (University of Groningen; Cultural Heritage Agency of the Netherlands)
- 17:15 **HARNESSING INNOVATION TO DECODE THE SECRETS OF PALEOLITHIC GROUND STONE TOOLS**  
Sorrentino, Giusi - Cagnato, Clarissa - Longo, Laura - Semenzin, Elena - Marcomini, Antonio (Department of Environmental Sciences, Informatics and Statistics - Ca' Foscari University of Venice) - Porpora, Francesca - Carretti, Emiliano (Department of Chemistry "Ugo Schiff", University of Florence) - Badetti, Elena (Department of Environmental Sciences, Informatics and Statistics - Ca' Foscari University of Venice) - Dei, Luigi (Department of Chemistry "Ugo Schiff" - University of Florence)
- 17:30 **BRIDGING DIMENSIONS IN CEREAL PHYTOLITH IDENTIFICATION: A COMPARATIVE STUDY OF 2D AND 3D MORPHOMETRIC DATA**  
Hermans, Rosalie (Archaeology, Environmental Changes and Geo-Chemistry, Vrije Universiteit Brussel) - Li, Mao (Donald Danforth Plant Science Centre) - Brightly, William (Department of Plant and Animal Sciences, University of Sheffield) - Gallaher, Timothy (Bishop Museum, Honolulu) - Strömberg, Caroline (Department of Biology, University of Washington) - Nys, Karin - Snoeck, Christophe (Archaeology, Environmental Changes and Geo-Chemistry, Vrije Universiteit Brussel)
- 17:45 **CHARCOAL CHEMISTRY: UNCOVERING THE MOLECULAR MYSTERIES FROM PRESERVATION TO THE IDENTIFICATION OF TAPHONOMIC PROCESSES IN ARCHAEOLOGICAL CONTEXTS**  
Roversi, Deborah (University of York; French National Centre for Scientific Research | CNRS · CEPAM UMR 7264) - Théry-Parisot, Isabelle (French National Centre for Scientific Research | CNRS · CEPAM UMR 7264) - Penkman, Kirsty - High, Kirsty (University of York)



18:00 DISCUSSION SLOT

**1011 INVESTIGATION OF NEOLITHIC LITHIC TECHNOLOGY AND EXPERIMENTATION: AN APPROACH TO TECHNICAL VARIABILITY**

**Room:** 60=CU022-EXT-Serra

**Time:** 16:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Minguell López, Arnau (Universitat Autònoma De Barcelona) - Ménager, Cécile (Archéorient UMR 5133 - CNRS) - Defranould, Elsa (UMR7264-CEPAM) - Terradas, Xavier (Spanish National Research Council - CSIC-IMFCSIC-IMF, Barcelona) - Palomo, Antoni (Universitat Autònoma De Barcelona)

**ABSTRACTS**

16:30 INTRODUCTION

16:45 **RAW MATERIALS, WORK TOOLS, AND PRODUCTION PROCESSES IN THE EARLY NEOLITHIC OF CORO TRASITO (TELLA.SIN, HUESCA).**

Clemente-Conte, Ignacio (CSIC-IMF) - Hansen, Jakob (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Rey Lanaspá, Javier (Dpto. de Presidencia, Interior y Cultura. Diputación General de Aragón) - Sierra Saiz-Aja, Alejandro - Saña Seguí, María - Gassiot Ballbè, Ermengol - Díaz Bonilla, Sara - Barba Pérez, Marcos (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Mazzucco, Niccolò (Dipartimento di Civilizzazione e Forme del Sapere, Universidad de Pisa)

17:00 **TECHNO-MORPHOLOGICAL ANALYSIS OF THE LITHIC INDUSTRY OF THE ANCIENT NEOLITHIC IN THE CENTRAL SOUTHERN CENTRAL PYRENEES.**

Barba Pérez, Marcos (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Clemente-Conte, Ignacio J. (CSIC-IMF Institución Milà i Fontanals) - Gassiot Ballbè, Ermengol (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Mazzucco, Niccolò (Dipartimento di Civilizzazione e Forme del Sapere, Universidad de Pisa)

17:15 **LITHIC PRODUCTION ON THE LATE NEOLITHIC SITE OF VINČA-BELO BRDO (SERBIA)**  
Radinovic, Mihailo (University of Belgrade)

17:30 **A NEW APPROACH TO INDIRECT PERCUSSION: FROM EXPERIMENT TO ARCHAEOLOGY**  
Menager, Cecile (Archéorient)

17:45 **PUNCHES AND BLADE PRODUCTIONS IN THE EARLY NEOLITHIC OF THE NORTH-EAST OF THE IBERIAN PENINSULA**  
Palomo, Antoni (Universitat Autònoma de Barcelona) - Terradas, Xavier - Clemente, Ignacio (Spanish National Research Council - CSIC-IMFCSIC-IMF, Barcelona) - Minguell, Arnau (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Rosillo, Rafael (Independent Researcher) - Piqué, Raquel (Universitat Autònoma de Barcelona, Departament de Prehistòria)

18:00 DISCUSSION SLOT

18:15 DISCUSSION SLOT

**1015 ETERNAL REST IN THE WEST: FUNERARY CONTEXTS IN WESTERN MEDITERRANEAN PROTOHISTORY**

**Room:** 62=CU022-EXT-Aula E

**Time:** 11:00 - 13:00

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Carbonell Pastor, Sonia (Grup Arqueològic de Recerca Protohistòrica GRAP. Universitat de Barcelona) - Smith, Alexander (SUNY Brockport University) - Coll Sabater, Margalida (Grupo de Investigación de Arqueología Mediterránea GRACME Universitat Pompeu Fabra)

**ABSTRACTS**

11:00 **DEATH ACROSS THE MEDITERRANEAN AND BEYOND: RITUAL SIGNIFICANCE AND COMPARATIVE ANALYSIS OF TOMBS FROM THE BALEARIC ISLANDS, ARABIA, AND PERSIA.**  
Ramsay, Jennifer - Smith, Alex (State University of New York Brockport)

11:15 **RITUAL PRACTICES IN PROTOHISTORIC MENORCA: THE COURTYARDS OF THE ROCK-CUT TOMBS**  
Carbonell Pastor, Sonia (Grup de Recerca En Arqueologia Protohistòrica GRAP Coll Sabater, Margalida GRACME)

- 11:30 **FROM DARKNESS TO LIGHT: LATE IRON AGE CHILDREN'S BURIALS IN MALLORCA**  
Coll Sabater, Margalida (GRACME- Universitat Pompeu Fabra; Arqueouib- Universitat de Les Illes Balears) - García Rosselló, Jaume - Calvo Trias, Manuel (Arqueouib- Universitat de Les Illes Balears)
- 11:45 **THE SOCIAL STRUCTURE THROUGH THE NECROPOLISES: POWERFUL WOMEN IN THE THE FUNERARY SPACES OF THE SOUTHEAST IBERIAN PENINSULA**  
San Quirico-García, Raquel (Universidad de Alicante)
- 12:00 **CARTHAGE IN GADIR. ANALYSIS OF THE NEW PUNIC-CARTHAGINIAN FUNERARY ASSEMBLAGE FROM C/ HUERTA DEL OBISPO 9-13 (CÁDIZ, SPAIN)**  
Pérez Infantes, Carolina - Niveau-De-Villedary-Y-Mariñas, Ana (Universidad de Cádiz; Paidi Hum-509 Research Group) - Legupín-Tubío, Isaac - Martelo-Fernández, Marcos (Balteus, Arqueología y Patrimonio) - López-Sánchez, Natalia - Sicre-González, Pablo (Universidad de Cádiz; Paidi Hum-509 Research Group)
- 12:15 **"GLOCALIZED" IN DEATH? FUNERARY PRACTICES IN HELLENISTIC NORTH INLAND ETRURIA**  
O'Donoghue, Eoin (Brandeis University)
- 12:30 **DEATH IS DRESSED IN WHITE. NEW FUNERARY MONUMENTALITY IN THE BRONZE AGE IN GALICIA (NW OF IBERIA)**  
Prieto-Martínez, M. Pilar (University of Santiago de Compostela; CIS-PAC) - Cordeiro-Maañón, Luis (University of Santiago de Compostela) - Alonso-Toucido, Francisco (Tempos Arqueólogos SI)
- 12:45 **DISCUSSION SLOT**

## 1023 **CONNECTING THROUGH VITREOUS MATERIALS: MULTIDISCIPLINARY APPROACHES TO MEDITERRANEAN NETWORKS IN THE 2ND-1ST MILLENNIUM BCE**

- Room:** 18=CU003-FL3-Morghen  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Loncaric, Valentina (Hercules Laboratory, University of Évora) - Bettineschi, Cinzia (Department of Classical Archaeology, University of Augsburg) - Koch, Leonie (Institute of Prehistoric Archaeology, University of Cologne) - Oikonomou, Artemios (Science and Technology in Archaeology and Culture Research Centre, STARC, the Cyprus Institute) - Angelini, Ivana (Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music, University of Padova)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **UNDERSTANDING SPANISH VITREOUS MATERIALS: ARCHAEOMETRIC INVESTIGATION OF BRONZE AGE AND EARLY IRON AGE BEADS FROM THE IBERIAN LEVANT**  
Bettineschi, Cinzia (Department of Classical Archaeology, Augsburg Universität; Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice) - García Atiénzar, Gabriel - Barciela González, Virginia - Hernández Pérez, Mauro S. - Lorrio Alvarado, Alberto - Graells I Fabregat, Raimon (University of Alicante)
- 9:00 **OPAQUE AND TRANSPARENT GLASS BEADS FROM COLCHIS IN THE 1ST QUARTER OF THE 1ST MILLENNIUM BC (EVIDENCE FROM TSAISHI CEMETERY)**  
Vachadze, Gvantsa (Georgian National Museum)
- 9:15 **FROM THE MEDITERRANEAN MARKET TO THE HOUSE IN OLBIA PONTICA: SPATIAL PATTERNS OF THE DISTRIBUTION OF CORE-FORMED GLASS VESSELS**  
Kolesnychenko, Anzhelika (Institute of Archaeology of National Academy of Sciences of Ukraine)
- 9:30 **INSIDE EARLY IRON AGE FASHION: THE MEDITERRANEAN HEART OF GREAT STEPPE GLASS CUBIC BEADS**  
Nykonenko, Dmytro - Yatsuk, Oleh - Gulmini, Monica (Università degli Studi di Torino)

- 9:45 **CONTINUITY OR CHANGE? AN IN-DEPTH ANALYSIS OF CORE FORMED GLASS FROM CENTRAL GREECE**  
Oikonomou, Artemios (The Cyprus Institute; Institute of Nuclear and Particle Physics, NCRS Demokritos) - Oikonomidis, Stavros (Arcadia University, Glenside; Albanian Archaeological Project at Prespes) - Skoumi, Nelli (Ephorate of Speleology and Palaeoanthropology, Athens)
- 10:00 **STRINGING A STORY: GLASS ASSEMBLAGES FROM ZAKOTORAC AND NAKOVANA BURIAL MOUNDS (PELJEŠAC, CROATIA)**  
Loncaric, Valentina (Hercules Laboratory, University of Évora; In2Past Associate Laboratory, University of Évora; Department of Earth and Environmental Sciences, KU Leuven) - Perkic, Domagoj (Dubrovnik Museums, Archaeological Museum) - Dizdar, Marko (Institute of Archaeology) - Potrebica, Hrvoje (Faculty of Humanities and Social Sciences, University of Zagreb) - Costa, Mafalda (Hercules Laboratory, University of Évora; In2Past Associate Laboratory, University of Évora) - Degryse, Patrick (Department of Earth and Environmental Sciences, KU Leuven)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FROM SOUTH TO NORTH? MORAVIAN HALLSTATT GLASS: ORIGIN, COMPOSITION AND PRODUCTION**  
Melichar, Petr - Golec, Martin (Palacký University Olomouc) - Golec Mírová, Zuzana (Charles University Prague) - Kučera, Lukáš - Kučerová, Pavla (Palacký University Olomouc)
- 11:15 **VERUCCHIO CONNECTED. ON SOME IMPORTED GLASS BEADS FROM VERUCCHIO (EMILIA-ROMAGNA, ITALY)**  
Koch, Leonie (University of Cologne, Institute of Prehistoric Archaeology)
- 11:30 **ETRUSCAN GLASSES FROM FORCELLO DI BAGNOLO SAN VITO (NORTH ITALY): A NEW ARCHAEOMETRIC AND TECHNOLOGICAL STUDY**  
Malaman, Elisabetta - Angelini, Ivana (University of Padua) - Rapi, Marta (University of Milan)
- 11:45 **CONTEXTUALISING VITREOUS MATERIALS IN ETRURIA. THE CASE STUDY OF THE MONTE ABATONE NECROPOLIS**  
Briesack, Christian (University of Bonn)
- 12:00 **DISCUSSION SLOT**
- 12:15 **DISCUSSION SLOT**

## 1024 **UNDERSTANDING BEHAVIOURAL CHANGES THROUGH MATERIAL STUDIES - ADAPTATION AND SOCIAL COMPLEXITY OF THE HOMO SAPIENS**

**Room:** 18=CU003-FL3-Morghen

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Petrović, Anda (University of Belgrade) - Vinet, Alice (Aix-Marseille University; UMR 7269 Lampea) - Debels, Pauline (UMR 8215 Trajectoires) - Macane, Aija (University of Helsinki; University of Latvia)

### ABSTRACTS

14:00 **INTRODUCTION**

14:15 **IMPORTS AND OUTCROPS: OBSIDIAN PROCUREMENT AND THE EVOLUTION OF HOMO SAPIENS BEHAVIOR IN THE LATE PLEISTOCENE HORN OF AFRICA**  
Smith, Benjamin (CEPAM, Université Côte d'Azur) - Johnson, Lucas (Far Western Anthropological Research, Inc) - Brandt, Steven (University of Florida)

14:30 **NEW INSIGHTS INTO THE LITHIC ASSEMBLAGES FROM BURIAL CONTEXTS AT ZVEJNIEKI, LATVIA**

Petrovic, Anda (Department of Archaeology, Faculty of Philosophy, University of Belgrade) - Macane, Aija (Department of Cultures, University of Helsinki; Institute of Latvian History, University of Latvia) - Nordqvist, Kerkko (Helsinki Collegium for Advanced Studies, University of Helsinki) - Zagorska, Ilga (Institute of Latvian History, University of Latvia) - Edmonds, Mark (Department of Archaeology, University of York) - Little, Aimee (Year Centre, Department of Archaeology, University of York, Palaeohub)

14:45 **DISCUSSION SLOT**

15:00 **PRODUCTION AND USE OF ANIMAL TOOTH PENDANTS IN THE STONE AGE SETTLEMENT OF ZVEJNIEKI II, NORTHERN LATVIA.**

Macane, Aija (Institute of Latvian History, University of Latvia; University of Helsinki) - Zagorska, Ilga (Institute of Latvian History, University of Latvia)

- 15:15 WHAT STORIES DO THE DECORATED HUNTER-GATHERER OSSEOUS TOOLS TELL? RECENT RESEARCH AND RESULTS FROM LITHUANIAN TERRITORY  
Rimkus, Tomas (Vilnius Academy of Arts; Institute of Baltic Region History and Archaeology, Klaipėda University)
- 15:30 QUANTIFYING CULTURAL CHANGE THROUGHOUT LITHIC MATERIAL STUDIES: THE CASE OF MIDDLE NEOLITHIC IN DEHESILLA CAVE (SOUTHERN IBERIAN PENINSULA).  
Barrera-Cruz, María (University of Valencia) - García-Rivero, Daniel (University of Seville)
- 15:45 DISCUSSION SLOT
- 16:30 CELT PRODUCTION PROCESSES AND LOCI IN NEOLITHIC GREECE: THE CASE OF THE THRACIAN SITE OF MAKRI  
Stroulia, Anna (University of Southern Indiana) - Bekiaris, Tasos - Melfos, Vasilios - Stergiou, Christos (Aristotle University of Thessaloniki)
- 16:45 ADDRESSING SOCIAL BEHAVIOR IN NEOLITHIC ANATOLIA THROUGH TECHNO-FUNCTIONAL STUDY OF CHIPPED STONE TOOLS  
Vinet, Alice (Aix Marseille University; UMR 7269 Lampea)
- 17:00 ECHOES FROM THE CAVE: EXPLORING THE LIFE-HISTORIES OF MACROLITHIC ARTIFACTS FROM LATE NEOLITHIC DRAKAINA CAVE, KEPHALONIA ISLAND, WESTERN GREECE  
Bekiaris, Tasos (Aristotle University of Thessaloniki)
- 17:15 DISCUSSION SLOT
- 17:30 ECHOES OF NEOLITHIC LIFE: DECIPHERING FLINT ARTEFACT BIOGRAPHIES FROM CAUSEWAYED ENCLOSURES  
Bye Jensen, Peter (Vejlemuseerne)
- 17:45 UNDERSTANDING SOCIAL RELATIONS OF BRONZE AGE COMMUNITIES IN THE CARPATHIAN BASIN: CERAMIC PETROGRAPHIC ANALYSIS IN THE MAKLÁR MICROREGION (NE HUNGARY)  
Mengyán, Ákos (Hungarian National Museum; University of Miskolc)
- 18:00 ASSESSING 100 YEARS OF EVOLUTION OF FOOD PRACTICES IN A SENEGALESE VILLAGE, THROUGH THE USE-WEAR ANALYSIS OF THE POTTERY ASSEMBLAGE.  
Debels, Pauline (Labex Dynamite - UMR 8215 Trajectoires; Arcan - University of Geneva) - Vieugué, Julien (UMR 8068 Temps) - Sall, Moustapha (Cheikh Anta Diop University) - Mayor, Anne (Arcan - University of Geneva)
- 18:15 DISCUSSION SLOT

## 1027 HOW TO HUNT? HOW TO HERD? NEW APPROACHES TO OLD QUESTIONS ON HUMAN-NONHUMAN/ANIMAL ENTANGLEMENTS

- Room:** 35=CU005-FL1-Gismondi I  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Windle, Morgan (Kiel University) - Lemke, Ashley (University of Wisconsin-Milwaukee) - Piezonka, Henny (Freien Universität Berlin)

### ABSTRACTS

- 8:30 RECONCEPTUALIZING HUMAN AND DOMESTIC ANIMAL ENTANGLEMENTS: ECONOMY, DEMOGRAPHY, AND METHODOLOGICAL CHALLENGES OF SMALL-SCALE PASTORALISM  
McClure, Sarah (University of California, Santa Barbara)
- 8:45 HOW TO HUNT? THE BEHAVIOUR OF ANIMALS AS A GUIDE FOR HUNTERS IN 13TH-14TH CENTURY NORTHERN FENNOSCANDIA  
Jääskeläinen, Emilia - Salmi, Anna-Kaisa (Archaeology, University of Oulu)
- 9:00 INTEGRATING TRADITIONAL ECOLOGICAL KNOWLEDGE IN ARCHAEOLOGY: APPLICATIONS IN THE MODELLING OF HUMAN-RANGIFER INTERACTIONS IN NORTH AMERICA AND NORTHWEST ASIA  
Windle, Morgan (Christian-Albrechts-Universität Zu Kiel) - Lemke, Ashley (University of Wisconsin-Milwaukee) - Piezonka, Henny (Freie Universität Berlin)
- 9:15 DISCUSSION SLOT
- 9:30 COLLECTIVES ON THE MOVE: EVENKI HUNTERS AND THEIR REINDEER CARAVAN IN THE TAIGA OF EAST SIBERIA AND FAR EAST  
Brandisaukas, Donatas (Lithuanian Institute of History)
- 9:45 RECREATIONAL HUNTING IN PREHISTORY  
Scutt, Win (English Heritage)
- 10:00 THE RELEVANCE OF "BEING WILD"? THE 3RD MILLENNIUM BCE IN CENTRAL AND SOUTHERN PORTUGAL  
Almeida, Nelson - Guinot, Catarina - Ribeiro, Inês (Chaia, Universidade de Évora) - Basílio, Ana (ICArEHB, Universidade do Algarve)
- 10:15 DISCUSSION SLOT

- 11:00 THE LAST HUNTERS FROM THE GUMELNIȚA CULTURE (4500-3900 CAL BC, ROMANIA)  
Balasescu, Adrian (Institute of Archaeology, Romanian Academy)
- 11:15 OF PIGS, FORAGERS AND HERDERS OF THE IRANIAN HIGHLAND  
Thomalsky, Judith (German Archaeological Institute)
- 11:30 DISCUSSION SLOT

#### 1040 TRACKING THE URBAN DNA. UNRAVELLING THE RISE AND FALL OF TOWNS AND CITIES

- Room:** 66=CU022-FL1-Bettolo  
**Time:** 11:00 - 13:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands) - Seppänen, Liisa (University of Turku) - Haase, Kirstine (Museum Odense) - Belford, Paul (Heritage Innovation) - Rieger, Dirk (Hanses-tadt Lübeck)

#### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 SOBA - MEDIEVAL METROPOLIS AND A MEETING PLACE OF AFRICAN URBAN TRADITIONS  
Drzewiecki, Mariusz (University of Warsaw)
- 11:30 REGULAR URBAN LAYOUTS IN THE MIDDLE AGES: BETWEEN IDEAL CONCEPT OF FOUNDER AND ECONOMICAL REALITY OF URBANLIFE  
Legut-Pintal, Maria (University of Wrocław) - Kubicka-Sowińska, Anna - Ćmielewski, Bartłomiej (Wrocław University of Technology)
- 11:45 URBAN LANDSCAPING - UNDERSTANDING STRATIGRAPHY AS MORE THAN WASTE MANAGEMENT.  
Haase, Kirstine (Museum Odense)
- 12:00 TOWNS WHICH NEVER MADE IT: SOME EXAMPLES FROM WALES  
Belford, Paul (Heritage Innovation)
- 12:15 BEYOND THE WALLS. EXPLORING THE URBAN LANDSCAPE AROUND THE CITY.  
Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)
- 12:30 DISCUSSION SLOT

#### 1043 OUT OF NEGLECT, INTO THE SPOTLIGHT. STRATEGIES AND GOOD PRACTICES FOR REDISCOVERING SITES WITH TROUBLED HISTORIES

- Room:** 68=CU028-FLG-Aula 2  
**Time:** 8:30 - 16:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Pizzuti, Elisa (Sapienza University of Rome) - Palazzini, Flavia (Sapienza University of Rome; Royal Netherlands Institute in Rome KNIR) - Bossolino, Isabella (Crea-Patrimoine, Université Libre de Bruxelles) - Monti, Dario (Université Catholique de Louvain) - Casarotto, Anita (University of Groningen; Royal Netherlands Institute in Rome KNIR)

#### ABSTRACTS

- 8:30 NEW DATES FOR OLD: RE-DATING THE PICTISH BURIAL MONUMENTS OF SCOTLAND  
Mitchell, Juliette (University of St Andrews) - Noble, Gordon (University of Aberdeen) - Hamilton, Derek (University of Glasgow)
- 8:45 BIOMOLECULAR ARCHAEOLOGY AS A TOOL FOR REDISCOVERING THE CHIOMONTE-  
LA MADDALENA NEOLITHIC SITE (ITALY, WESTERN ALPS).  
Monticone, Alessia (University of Turin) - Mazzola, Marlisa - Curci, Antonio (University of Bologna) - Panero, Elisa (Musei Reali Torino) - Spiteri, Cynthianne (University of Turin) - Cilli, Elisabetta - Luiselli, Donata (University of Bologna) - Demarchi, Beatrice (University of Turin)
- 9:00 DEALING WITH THE ARCHIVES ON ANTHROPOMORPHIC STELAE SITES IN SOUTHERN ETHIOPIA: A TURNING POINT IN SITES' CONSERVATION  
Anne-Lise, Goujon (CFEe, Addis Abeba; Temps, Paris Nanterre) - Vincent, Ard (CNRS, Traces, Toulouse) - Antoine, Laurent (Toulouse University) - Aurélien, Pierre (Musée Fenaille, Rodez) - Sophie, Corson (Historial de Vendée, Lucs-Sur-Boulogne) - Philippe, Gouézin (CREAAH, Rennes University) - Anne-Charlotte, Philippe-Lelong (Meganéo Association) - Sophie-Jeanne, Vidal (Atelier du Rouge-Gorge, Naucelle) - Ermias, Yeshitla (Woloytta Soddo University)
- 9:15 IN FAVOUR OF AN ARCHAEO-HISTORICAL APPROACH TO STUDY OLD COLLECTIONS: THE EXAMPLE OF RAOUL DANIEL'S WORK ON THE TOURTOIRAC ROCKSHELTER  
Vignoles, Anais (University of Liege) - Doyon, Luc (Université de Bordeaux)

- 9:30 **THE POTENTIAL OF THE GRAZIOSI ARCHIVE FOR THE STUDY OF THE LATER STONE AGE OF THE HORN OF AFRICA**  
Mutri, Giuseppina (Unità di Archeologia Preistorica, Dipartimento SAGAS, Università di Firenze; University of Connecticut, Department of Anthropology; ISMEO) - Lo Vetro, Domenico (Unità di Archeologia Preistorica, Dipartimento SAGAS, Università di Firenze; Museo e Istituto Fiorentino di Preistoria, Firenze) - Martin, Lavinia (Museo e Istituto Fiorentino di Preistoria, Firenze)
- 9:45 **BETWEEN NEGLECT AND COLONIALISM. DIGGING INTO THE ARCHIVES TO RECONSTRUCT THE HISTORY OF KAMIROS (RHODES).**  
Bossolino, Isabella (Université Libre de Bruxelles)
- 10:00 **DISCUSSION SLOT**
- 10:15 **DUSTING OFF THE ARCHIVES: RECONSTRUCTING THE LEGACY OF THE LATE BRONZE AGE CREMATION CEMETERY OF TIMMARI (MATERA, ITALY).**  
Pizzuti, Elisa (Sapienza University of Rome)
- 11:00 **REDISCOVERING THE PROTO-URBAN SITE OF COMO SPINA-VERDE (N. ITALY): CHALLENGES AND POTENTIAL IN ARCHAEOLOGICAL RESEARCH**  
Di Maria, Francesca (Sapienza Università di Roma)
- 11:15 **THE ARCHAEOLOGY OF PRE-CLASSICAL ATTICA: METHODOLOGICAL OVERVIEW FOR THE CASE OF SOUNION AND LAURION.**  
Silva Porto, Mariana (Humboldt Universität Zu Berlin; Paris 1 Panthéon-Sorbonne)
- 11:30 **THE THEATER AT AMITERNUM REDISCOVERED. NEW DATA AND FUTURE PERSPECTIVES**  
Trafficante, Ilaria (Scuola Superiore Meridionale)
- 11:45 **THE INSCRIBED BLOCKS OF THE OLD TOWN OF ALULA : A MEANS OF STUDYING URBAN DEVELOPMENT**  
Louman, Laura (Archaios; Places; MSHTS-CREAP) - Jacquemet, Jules (Ciham; Université Lyon 2) - Vernet, Apolline (Archaios; Laboratoire Orient & Méditerranée - UMR 8167)
- 12:00 **THE ARCHIVES OF ARCHAEOLOGISTS OF YESTERDAY. A HISTORY TO PASS ON! A SCIENTIFIC HERITAGE CHALLENGE FOR FUTURE GENERATIONS**  
Faupin, Géraldine (Service Régional de l'Archéologie, Drac Hauts-De-France, Ministère de la Culture; UMR Halma 8164)

- 12:15 **INTEGRATING AND SHARING OLD AND NEW: HATCH: HOUSE AT ÇATALHÖYÜK – A NEW DIGITAL REPOSITORY FOR THE WORLD HERITAGE SITE**  
Filipowicz, Patrycja (Faculty of Archaeology, Adam Mickiewicz University)
- 12:30 **DISCUSSION SLOT**
- 12:45 **DUTCH PIONEERING FIELD SURVEY IN ITALY: CAREL VAN ESSEN AND HIS "PASSEGGIATE ARCHEOLOGICHE" IN ROMAN LANDSCAPES (1947 - 1963)**  
Casarotto, Anita (University of Groningen / Royal Netherlands Institute in Rome - Knir) - Mente, Janet - Giofrè, Diana (Royal Netherlands Institute in Rome KNIR)
- 14:00 **"REDISCOVERING MUGILLAE ARCHAEOLOGICAL SITE": A COMPREHENSIVE APPROACH TO URBAN PLANNING AND COMMUNITY IDENTITY**  
Lollino, Walter (Università degli Studi di Bari) - Fiano, Francesca Romana (Università degli Studi di Ferrara)
- 14:15 **PIANO AND POGGIO DELLE GRANATE (POPULONIA, LI - ITALY): THINKING A VALORIZATION PROJECT FOR A RISK AREA**  
De Pieri, Francesca (Sapienza University of Rome)
- 14:30 **DIGITAL HERITAGE AT THE DISAPPEARING ISLAND: A HOLISTIC APPROACH TO ENDANGERED COASTAL HERITAGE**  
Harrison, Laura - Hansen, Kimberly - Fernandez, Steven (University of South Florida)
- 14:45 **"DISAPPEARING INTO THE FOREST" – ATTITUDES TOWARDS WW II PLACES USED BY FINNISH MILITARY DESERTERS**  
Kauhanen, Riku (University of Turku)
- 15:00 **THE ERASURE OF THE SLAVIC MATERIAL PAST OF GREEK MACEDONIA**  
Stavridopoulos, Ioannis (Independent Researcher)
- 15:15 **DOCUMENTING THE REMNANTS OF ITALIAN RULE IN NORTHERN DALMATIA, CROATIA: A HISTORICAL, CULTURAL, AND POLITICAL CHALLENGE**  
Ilglic, Sara (University of Zadar)
- 15:30 **DISCUSSION SLOT**

## 1044 WHAT A WASTE!? THE EPISTEMOLOGICAL VALUE OF REFUSE AND DISCARDED MATERIALS IN THE CURRENT ARCHAEOLOGICAL RESEARCH

**Room:** 17=CU003-FL3-Romeo

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Cereda, Susanna (University of Innsbruck, Institute of Archaeologies) - Zambaldi, Maurizio (University of Coimbra, Centre of Studies in Geography and Spatial Planning (Cegot, Fluc, Department of Geography and Tourism) - Jakobitsch, Thorsten (Austrian Archaeological Institute, Austrian Academy of Sciences, Environment and Human Impact in Historical Societies)

### ABSTRACTS

- 14:00 **REFUSE/RESIST: REASSESSING THREE MESOLITHIC "MIDDEN" SITES ON THE EAST COAST OF IRELAND**  
Moucheron, Martin (School of Archaeology, University College Dublin) - Gilhooly, Bernard (National Museum of Ireland, Irish Antiquities Division) - Onfray, Marylise (Institut National de Recherches Archéologiques Préventives - Bretagne, UMR6554 Letg) - Trafford, Andrew (ICRAG Research Centre in Applied Geosciences, University College Dublin) - Warren, Graeme (School of Archaeology, University College Dublin)
- 14:15 **WASTE AND BEHAVIOR: LBK SETTLEMENT IN FOCUS**  
Pilar, Daniel (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic; Charles University, Prague) - Kvetina, Petr (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Denis, Solene (French National Centre for Scientific Research)
- 14:30 **WATERLOGGED MIDDENS INVESTIGATED THROUGH ARCHAEOBOTANY AND ARCHAEOENTOMOLOGY - THE CASE STUDY OF THE NEOLITHIC PILE DWELLING MOOSWINKEL IN AUSTRIA**  
Jakobitsch, Thorsten (Austrian Academy of Sciences)
- 14:45 **DISCUSSION SLOT**

- 15:00 **WASTING TIME EXAMINING THE WASTE? THE EARLY BRONZE AGE WASTE FROM THE HOSTY SETTLEMENT (CZECH REPUBLIC)**  
Hlášek, Daniel (Institute of Archaeology of the Czech Academy of Sciences Prague) - Kovárník, Jaromír (University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Centre of Aquaculture and Biodiversity of Hydrocenoses) - Ernée, Michal (Institute of Archaeology of the Czech Academy of Sciences Prague)
- 15:15 **SECONDARY REFUSE OR REUSED OBJECTS? THE PRESENCE OF WASTE-LIKE MATERIALS IN THE FINNISH IRON AGE CAIRNS**  
Salomaa, Sanni (University of Turku)
- 15:30 **ROMAN LANDFILLS AS TWOFOLD ECONOMIC INDICATORS: PRESENCE AND ABSENCE OF ARTIFACTS IN AQUILEIA AND POMPEII**  
Furlan, Guido (UNIPD)
- 15:45 **DISCUSSION SLOT**
- 16:30 **HOLY WASTE: A MULTI-ANALYTICAL APPROACH TO THE STUDY OF CULTIC DEPOSITS IN THE COPPER MINE OF KROPFSBERG (NORTH TYROL, AUSTRIA).**  
Cereda, Susanna - Staudt, Markus - Goldenberg, Gert (Institute of Archaeologies, University of Innsbruck) - Tropper, Peter (Institute of Mineralogy and Petrography, University of Innsbruck) - Degenhart, Gerald (Department of Radiology, Medical University Innsbruck)
- 16:45 **WHERE IS THE WASTE? THE MULTIENVIRONMENTAL STUDY OF THE DISTRIBUTION OF KITCHEN WASTE IN CASTLE ROKŠTEJN, CZECH REPUBLIC**  
Lisá, Lenka (Institute of Geology, Academy of Sciences of the Czech Republic) - Fišáková Nývltová, Miriam - Kočárová, Romana (Masaryk University) - Kočár, Petr (West Bohemian University in Pilsen; Institute of Archaeology, Academy of Sciences of the Czech Republic) - Mazáčková, Jana - Žaža, Petr (Masaryk University)
- 17:00 **TRACING URBAN PRACTICES THROUGH LATRINE WASTE - AN URBAN-ECOLOGICAL PERSPECTIVE ON LIFE IN RENAISSANCE COPENHAGEN**  
Mayer, Simone - Rosenkvist, Zenon (Museum of Copenhagen) - Dahlström, Hanna (Sydsvensk Arkeologi)
- 17:15 **DISCUSSION SLOT**
- 17:30 **WASTE MANAGEMENT IN AN EARLY MODERN NORDIC TOWN THROUGH POTTERY RESEARCH**  
Helamaa, Maija (Muuritutkimus Ltd; University of Turku)

- 17:45 THE CURIOUS CASE OF COLD WAR GARBAGE PITS AT ABANDONED SOVIET TACTICAL NUCLEAR BASES IN POLAND  
Kiarszys, Grzegorz (The University of Szczecin)
- 18:00 DON'T THROW IT AWAY! MODERN WASTE, DISPOSAL PRACTICES AND A LOT OF PLASTIC.  
Waldhart, Elisabeth (University of Innsbruck)
- 18:15 DISCUSSION SLOT

### 1046 EVOLUTIONARY APPROACHES TO ARCHAEOLOGICAL QUESTIONS: HUMAN BEHAVIORAL ECOLOGY AND CULTURAL TRANSMISSION THEORY

- Room:** 8=CU003-FL1-Aula III  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Yaworsky, Peter - Miu, Elena (Aarhus University) - Mccool, Weston (University of Utah)

#### ABSTRACTS

- 14:00 EVOLUTIONARY APPROACHES TO ARCHAEOLOGICAL QUESTIONS AND THE IMPORTANCE OF THEORY-DRIVEN RESEARCH  
Yaworsky, Peter (Aarhus University; University of Copenhagen) - Miu, Elena (Aarhus University) - Mccool, Weston (University of Utah)
- 14:15 USING EVOLUTIONARY THEORY TO UNDERSTAND DIETARY CHANGES IN THE MIDDLE AND UPPER PALEOLITHIC AT HOHLE FELS (SWABIAN JURA, GERMANY)  
Starkovich, Britt (Shep Tübingen) - Münzel, Susanne (University of Tübingen) - Blanco-Lapaz, Angel (Shep Tübingen) - Conard, Nicholas (University of Tübingen)
- 14:30 STATISTICAL SIGNALS OF COPYING ARE ROBUST TO TIME- AND SPACE-AVERAGING  
Youngblood, Mason (Institute for Advanced Computational Science, Stony Brook University) - Miton, Helena (Stanford University) - Morin, Olivier (Institut Jean Nicod)
- 14:45 LEVERAGING GENE-CULTURE COPHYLOGENETICS AND THE COMPARATIVE METHOD TO ARTICULATE CULTURAL TRANSMISSION THEORY AND BEHAVIOURAL ECOLOGY  
Riede, Felix (Department of Archaeology and Heritage Studies Aarhus University)

- 15:00 MODELING ADVERSITY AND INNOVATION IN THE ARCHAEOLOGICAL RECORD  
Herzog, Nicole (University of Denver) - Demps, Kathryn (Boise State University)
- 15:15 THE NETWORK ECOLOGY OF SETTLEMENT PERSISTENCE  
Vernon, Kenneth (University of Colorado) - Ortman, Scott (University of Colorado)
- 15:30 'CONCEPTS' IN DYNAMIC ASSEMBLAGES: AN INTEGRATIVE EVOLUTIONARY FRAMEWORK AND ITS APPLICATION TO ARCHAEOLOGICAL QUESTIONS  
French, Jennifer (University of Liverpool) - Kissel, Marc - Khaksar, Somaye (Appalachian State University) - Fuentes, Agustín (Princeton University)
- 15:45 DISCUSSION SLOT
- 16:30 SOCIO-ENVIRONMENTAL DRIVERS OF PEACE OVER 7,000 YEARS OF ANDEAN DEEP HISTORY: IMPLICATIONS FOR BEHAVIORAL ECOLOGY AND CULTURAL TRANSMISSION THEORIES  
Mccool, Weston (Department of Anthropology, University of Utah; Society, Water, and Climate Research Group, University of Utah) - Wilson, Kurt (Department of Geography, University of Utah) - Codding, Brian (Department of Anthropology, University of Utah)
- 16:45 CONVERGENCE: A LINK BETWEEN BEHAVIOURAL ECOLOGY AND CULTURAL TRANSMISSION THEORY  
Rivers, Ray (Imperial College London) - Diachenko, Aleksandr (National Academy of Sciences of Ukraine, Institute of Archaeology) - Sobkowiak-Tabaka, Iwona (Adam Mickiewicz University in Poznań, Faculty of Archaeology)
- 17:00 ECOLOGICAL AND CULTURAL TRANSMISSION PROCESSES IN LITHIC TECHNOLOGICAL EVOLUTION  
Prentiss, Anna (University of Montana) - Walsh, Matthew (National Museum of Denmark) - Denis, Megan - Foor, Thomas (University of Montana)
- 17:15 FROM MIND TO MATTER: PATTERNS OF INNOVATION IN THE ARCHAEOLOGICAL RECORD AND THE ECOLOGY OF SOCIAL LEARNING  
Demps, Kathryn (Boise State University) - Herzog, Nicole (Denver University) - Clark, Matt (Imperial College London)
- 17:30 TESTING HYPOTHESES OF CULTURAL HITCH-HIKING IN PREHISTORY  
Shennan, Stephen - Kolar, Jan (University College London) - Lee, Victor Yan Kin - Racimo, Fernando (University of Copenhagen) - Sta-



- niuk, Robert - Thomas, Mark G. - Timpson, Adrian (University College London)
- 17:45 **COMPETING OR COMPLEMENTARY? THE ROLE OF EVOLUTIONARY ECOLOGY AND CULTURAL TRANSMISSION THEORY IN EXPLAINING TECHNOLOGICAL COMPLEXITY**  
Coddington, Brian - Brewer, Simon (University of Utah)
- 18:00 DISCUSSION SLOT
- 18:15 DISCUSSION SLOT

### 1048 **ANTIQUES, HEIRLOOMS, AND MEMORABILIA: THE RELATIONSHIP BETWEEN PORTABLE OBJECTS AND MEMORY IN THE ANCIENT WORLD**

- Room:** 22=CU003-FL5-Pirrota  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Ward, Courtney (Independent Scholar) - Barrero Martin, Nova (National Museum of Roman Art, Mérida)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **PORTABLE MONUMENTA: OBJECT BIOGRAPHIES AND COLLECTING PRACTICES IN ROMAN IMPERIAL TIMES**  
Colzani, Giovanni (Università degli Studi di Milano)
- 9:00 **MIRROR MIRROR: REFLECTING ELITE LEGACY IN ANCIENT POMPEIAN HOUSES**  
Murphy, Mamie (John Cabot University)
- 9:15 **PORTABLE SHRINES IN THE ANCIENT WORLD: BETWEEN MEMORABILIA AND PRIVATE CULT. THE CASE OF THE VALLE PONTI MINIATURE LEAD TEMPLES**  
Regueiro Salcedo, Ian (University of Ferrara)
- 9:30 **TRADITION MEETS CONVENIENCE: CULT INSTRUMENTS AS MEMORABILIA**  
Zepernick, Marte (Philipps-Universität Marburg)
- 9:45 **THE MEMORY OBJECT CONNECTIONS AND TRANSMISSIBILITY OF IMAGINES MAIORUM**  
Mccahill, Mark (Independent Scholar)
- 10:00 DISCUSSION SLOT
- 10:15 DISCUSSION SLOT

- 11:00 **A LITERARY PERSPECTIVE ON PORTABLE OBJECTS: THE CULTURAL CACHET OF SPOILS, SOUVENIRS, AND HEIRLOOMS IN LATE REPUBLICAN ROME**  
Baarda, Tom (University of Cambridge)
- 11:15 **REPAIR PRACTICES AS A MEMORY STRATEGY IN ANCIENT GREECE?**  
Lindenlauf, Astrid (Bryn Mawr College)
- 11:30 **HOARDING HEIRLOOMS**  
Davis, Mary - Goldberg, Martin (National Museums Scotland)
- 11:45 DISCUSSION SLOT
- 12:00 DISCUSSION SLOT

### 1049 **?TIL DEATH DO US PART? REVISITING THE QUESTION OF DOUBLE BURIALS**

- Room:** 79=CU002-FL3-Aula 301  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Büster, Lindsey (University of York; Canterbury Christ Church University) - Knüsel, Christopher (UMR 5199, PACEA, Université de Bordeaux)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **ANCIENT GENOMES OF ÇATALHÖYÜK REVEAL DIACHRONIC CHANGES IN FUNERARY PRACTICES AND HOUSE USE**  
Yüncü, Eren - Küçükakdağ Doğu, Ayça - Kaptan, Damla (Middle East Technical University) - Mazzucato, Camilla (University of Copenhagen) - Pearson, Jessica (University of Liverpool) - Güler, Merve Nur (Middle East Technical University) - Eker, Elifnaz (Middle East Technical University) - 2014-2017, Çatalhöyük Human Remains Team (University of Bordeaux) - 2014-2017, Çatalhöyük Excavation Team (University of Stanford) - Ancient DNA Team, METU/Hacettepe (Middle East Technical University)
- 9:00 **CO-BURIAL IN NEOLITHIC ANATOLIA: AN EXPLORATION OF MEANING AND PURPOSE**  
Pilloud, Marin (University of Nevada, Reno)

- 9:15 **ANCIENT DNA IN CO-BURIED REMAINS FROM THE NEOLITHIC AND ENEOLITHIC NORTH PONTIC REGION SHEDS LIGHT ON ANCIENT BURIAL PRACTICES**  
Svryyd, Sofia - Nikitin, Alexey (Grand Valley State University)
- 9:30 **MIXED FUNERARY PRACTICES AND CREATIVE RELATIONS WITH THE DEAD: BELL-BEAKER CO-BURIALS FROM NOGAROLE ROCCA (VERONA, ITALY)**  
Thompson, Jess (University of Cambridge) - Salzani, Paola (Soprintendenza Archeologia, Belle Arti e Paesaggio di Verona, Rovigo e Vicenza) - Panella, Sofia - Soncin, Silvia (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome) - Saube, Tina (Uppsala University) - Dori, Irene (University of Florence) - Tafuri, Mary Anne (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome) - Robb, John (University of Cambridge)
- 9:45 **A CLOSE EMBRACE: A UNIQUE DOUBLE BURIAL FROM THE EARLY MYCENAEAN AYIOS VASILEIOS NORTH CEMETERY, LACONIA, GREECE.**  
Moutafi, Ioanna (Ludwig-Maximilians-Universität München) - Voutsaki, Sofia (University of Groningen)
- 10:00 **FAMILY TIES: KINSHIP AND COMPLEXITY IN THE 'DOUBLE BURIALS' OF IRON AGE BRITAIN**  
Büster, Lindsey (University of York; Canterbury Christ Church University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **ANCIENT GENOMES OF ÇATALHÖYÜK REVEAL NOVEL AGE- AND SEX-SPECIFIC BURIAL TREATMENT PRACTICES**  
Küçükakdag Dogu, Ayça - Yüncü, Eren - Kaptan, Damla (Middle East Technical University) - Haddow, Scott (University of Copenhagen) - Kılıç, Muhammed (Middle East Technical University) - Vasic, Milena (Freie Universität Berlin) - Vural, Kivılcım (Middle East Technical University) - 2014-2017, Çatalhöyük Human Remains Team (University of Bordeaux) - 2014-2017, Çatalhöyük Excavation Team (Stanford University) - Ancient Dna Team, METU/Hacettepe (Middle East Technical University)
- 11:15 **THE GRAVE'S EMBRACE: BIOLOGICAL AND SOCIAL RELATIONS IN BEAKER PERIOD ADULT-CHILD GRAVES REVEALED BY ANCIENT DNA**  
Zedda, Nicoletta (Department of Environmental and Prevention Sciences, University of Ferrara) - Meheux, Katie (Institute of Archaeology Library, Lccos, University College London) - Brami, Maxime

(Palaeogenetics Group, Institute of Organismic and Molecular Evolution IOME, Johannes Gutenberg University Mainz)

- 11:30 **REINTERPRETING MULTIPLE BURIALS WITH NON-ADULT INDIVIDUALS: CHILDREN'S AGENCY AND SOCIAL BONDS IN COPPER AND BRONZE AGE IBERIA**  
Herrero-Corral, Ana (Austrian Archaeological Institute, Austrian Academy of Sciences) - Garrido Pena, Rafael (Universidad Autónoma de Madrid) - Paulos Bravo, Rodrigo (Universidad Complutense de Madrid) - Flores Fernández, Raúl (Independent Scholar) - Rebay-Salisbury, Katharina (University of Vienna; Austrian Archaeological Institute, Austrian Academy of Sciences) - Kanz, Fabian (Medical University of Vienna)
- 11:45 **POTENT PERFORMANCES: NEW APPROACHES TO INFANT-ADULT DOUBLE BURIALS IN ROMAN BRITAIN**  
Phillips, Reanna (University of Chester)
- 12:00 **CHILDREN IN MULTIPLE BURIALS AS A SOURCE FOR SOCIAL STUDIES (ON EXAMPLES FROM OLD RUS' PERIOD BARROW CEMETERIES IN BELARUS)**  
Makouskaya, Viktoryia (University of Warsaw)
- 12:15 **LINKED BY DEATH: DOUBLE BURIALS IN AN EPIDEMIC CONTEXT**  
Castex, Dominique (CNRS) - Kacki, Sacha (CNRS)
- 12:30 **DISCUSSION SLOT**
- 12:45 **DISCUSSION SLOT**
- 14:00 **DOUBLE BURIAL CASES. LOOKING FOR APPROPRIATE RESEARCH QUESTION(S)**  
Morintz, Alexandru (Institute of Archaeology, Bucharest) - Kogalniceanu, Raluca (1 Decembrie 1918 University, Alba Iulia, Romania) - Stirbu, Francesca - Vasile, Gabriel (Institute of Archaeology, Bucharest, Romania) - Vacalie, Radu (Valahia University, Targoviste) - Coman, Marian (University of Bucharest)
- 14:15 **THE MULTIPLE BURIAL BENEATH THE HUSABY MONUMENT - AN EXAMPLE OF A 13TH-CENTURY SOCIO-POLITICAL STRATEGY**  
Nyqvist Thorsson, Anna (Västsvensk Arkeologi)
- 14:30 **LINEAGE LANDSCAPES OF THE DEPARTED: EXPLORING PORTUGAL'S DIVERSE FAMILY, POWER AND SOCIAL RELATIONS**  
Casimiro, Tania (FCSH-UNL) - Santos, Joel (University of Leicester)
- 14:45 **VIKING AGE MASS GRAVES C.1000: COMPARATIVE ANALYSIS OF THE TRELLEBORG, RIDGEWAY HILL, AND OXFORD CASES**  
Baillie, Britt (Roskilde Viking Ship Museum; McDonald Institute for Archaeological Research, University of Cambridge)

- 15:00 **BURIED WITH A STRANGER BUT A BATTLE-MATE: A CASE STUDY FROM SARDIS**  
Özer, Füsün - Altınışık, Nefize (Human-G Laboratory, Department of Anthropology, Hacettepe University; Department of Anthropology, Hacettepe University) - Kazancı, Duygu (Department of Biological Sciences, Middle East Technical University) - Cahill, Nicholas (Department of Art History, the University of Wisconsin) - Somel, Mehmet (Department of Biological Sciences, Middle East Technical University) - Erdal, Yılmaz (Human-G Laboratory, Department of Anthropology, Hacettepe University; Department of Anthropology, Hacettepe University; Husbio-L Laboratory, Department of Anthropology, Hacettepe University)
- 15:15 DISCUSSION SLOT
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT

### 1050 **REDEFINING ABANDONMENT: GEOARCHAEOLOGICAL AND ETHNOGRAPHICAL APPROACHES TO UNVEILING HIDDEN NARRATIVES**

**Room:** 2=CU003-EXT-Vetri  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Banerjea, Rowena (University of Reading) - Morandi, Lionello - Sciuto, Claudia (University of Pisa)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **ECHOES OF THE PAST: EXPLORING THE LEGACIES OF THREE ABANDONED SETTLEMENTS IN THE FAROE ISLANDS**  
Villumsen, Melissa (University of Aberdeen; Museum Thy)
- 9:00 **DIGITAL DOCUMENTATION AND GEOARCHAEOLOGICAL ANALYSIS OF THREATENED HISTORICAL VERNACULAR ARCHITECTURE IN CYPRUS**  
Elliott, Sarah - Manley, Harry (Bournemouth University) - Hadjisterkotis, Eleftherios (Agricultural Research Institute Cyprus)

- 9:15 **ABANDONED POTTERY WORKSHOPS: A GEO-ETHNOARCHAEOLOGICAL STUDY OF A CONTEMPORARY POTTERY-MAKING VILLAGE IN THE WESTERN LOESS PLATEAU, CHINA**  
Lin, Siyu - Milek, Karen (Durham University)
- 9:30 **NOT QUITE-ABANDONED: NATURAL DISASTERS AS AGENTS OF USE AND RE-USE OF SPACES.**  
Angelo, Dante - Rojas, Néstor (Universidad de Tarapacá)
- 9:45 **„LEAVING TO OCCUPY AND OCCUPYING WITHOUT INHABITING“, THE EXAMPLE OF THE EXPLOITATION OF A VALLEY IN THE AUVERGNE MOUNTAINS (PUY-DE-DÔME)**  
Cocoual, Antoine (University of Rennes 2)
- 10:00 **AFTER THE INDUSTRY: REINTERPRETING ABANDONED INDUSTRIAL LANDSCAPES IN POOLE HARBOUR.**  
Manley, Harry - Elliott, Sarah - Pitman, Derek (Bournemouth University)
- 10:15 DISCUSSION SLOT
- 11:00 **SIGNATURES OF ABANDONMENT IN THE MICROARCHAEOLOGICAL RECORD**  
Banerjea, Rowena (University of Reading) - Morandi, Lionello (University of Pisa)
- 11:15 **ABANDONMENT AND ARCHAEOLOGICAL ASSUMPTION: ETHNOARCHAEOLOGICAL EXPLORATION OF SETTLEMENT ABANDONMENT IN WEST KARBI ANGLONG, NORTHEAST INDIA**  
Sabnis, Shikharani (Christian-Albrecht University)
- 11:30 **BEYOND ABANDONMENT: A MULTIVOCAL EXPLORATION IN THE APUAN ALPS**  
Sciuto, Claudia - Anichini, Francesca - Basile, Salvatore - Gattiglia, Gabriele (University of Pisa) - Giovannetti, Chiara (University of Roma, la Sapienza)
- 11:45 DISCUSSION SLOT
- 12:00 **PASTORAL UPLAND LANDSCAPES: LAND USE, (OVER)GRAZING AND ABANDONMENT FROM ETHNOARCHAEOLOGY AND COMPUTATIONAL ARCHAEOLOGY. A CASE STUDY IN THE ASPROMONTE**  
Domingo Ribas, Guillem - Carrer, Francesco (Newcastle University) - Romanowska, Iza (Centre for Humanities Computing, University of Aarhus)
- 12:15 **THE END IS NOT THE END: BUILDING ABANDONMENT PROCESSES DURING THE NEAR EASTERN NEOLITHIC**  
Garcia-Suarez, Aroa (Archaeologyhub.CSIC)
- 12:30 DISCUSSION SLOT

## 1054 LANDSCAPE ARCHAEOLOGY AND PLACE NAMES IN MULTIFOCUS INTERPRETATIONS

**Room:** 66=CU022-FL1-Bettolo

**Time:** 8:30 - 10:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Klir, Tomas - Janovská, Viktorie (Charles University, Faculty of Arts, Department of Archaeology) - Wawrzieniuk, Joanna (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw) - Vieira, Alexandra (CITCEM.Flup and Instituto Politécnico de Bragança, Portugal)

### ABSTRACTS

8:30 INTRODUCTION

8:45 GIVING MEANING TO A NAME: HOW THE STUDY OF PLACE NAMES CAN CONTRIBUTE TO THE ARCHAEOLOGICAL READING OF LANDSCAPE  
Matteazzi, Michele (University of Trento)

9:00 THE ROYAL INAUGURATION SITE AT MORA, SWEDEN: LANDSCAPE STUDY THROUGH ARCHAEOLOGY AND PLACE NAMES  
Bäck, Mathias (The Archaeologists, National Historical Museums) - Sanmark, Alexandra (Institute for Northern Studies, University of the Highlands and Islands) - Lindeberg, Marta (Swedish National Heritage Board) - Jonsson, Kristina (Jamtli, Museum of Jämtland)

9:15 SACRED WATER IN PODLASIE (EASTERN POLAND)- PHENOMENA FROM THE PRE-CHRISTIAN PERIOD?  
Wawrzieniuk, Joanna (Cardinal Stefan Wyszyński University in Warsaw) - Józefów-Czerwińska, Bożena (Academy of Aleksander Gieysztor in Pułtusk - Branch Afibv)

9:30 TRACING THE ROYAL DOMAIN WITHIN MEDIEVAL COUNTY OF ZAGREB  
Antonic, Nikolina (Department of Archaeology, Faculty of Arts, Charles University) - Simon, Suzana (Institute of Historical and Social Sciences, Croatian Academy of Sciences and Arts)

9:45 NAMES OF POWER: THE STUDY ON PLACE NAMES OF SLAVIC STRONGHOLDS IN THE CONTEXT OF MEDIEVAL LANDSCAPE  
Janovská, Viktorie (Charles University, Faculty of Arts, Department of Archaeology)

10:00 LANGUAGE AND BURIAL RITUALS ON THE CAROLINGIAN-OTTONIAN EMPIRE BORDERS  
Klir, Tomas (Charles University, Faculty of Arts, Department of Archaeology)

10:15 DISCUSSION SLOT

## 1060 FEMINIST PERSPECTIVES ON SOCIAL ARCHAEOLOGY. AGE SESSION IN MEMORIAM LIV HELGA DOMMASNES

**Room:** 7=CU003-FL1-Aula II

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Monton-Subias, Sandra (ICREA; Pompeu Fabra University) - Fries, Jana Esther (Lower Saxony State Institute for Cultural Heritage) - Palincas, Nona (Vasile Pârvan Institute of Archaeology, Romanian Academy) - Wicker, Nancy (The University of Mississippi, Department of Art & Art History) - Doris Gutschiedl-Schumann, Doris (University of the Bundeswehr Munich, Historical Institute)

### ABSTRACTS

8:30 INTRODUCTION

8:45 RECALLING LIV HELGA'S INITIAL WORKS ON WOMEN AND FEMINISM  
Hjorungdal, Tove (Department of Archaeology and Ancient Culture)

9:00 WHO CARES? MOVING BEYOND NARRATIVES OF WAR OR ECONOMY IN LATER MEDIEVAL ARCHAEOLOGY  
Dempsey, Karen (Cardiff University)

9:15 A FEMINIST ARCHAEOLOGY FOR EARLY COLONIAL GLOBALIZATION (AND FOR OUR PRESENT)  
Monton-Subias, Sandra (Universitat Pompeu Fabra)

9:30 EXPLORING ARCHAEOLOGICAL INTERPRETATIONS: REINFORCING STEREOTYPES OR DECONSTRUCTING SOCIAL CONSTRUCTS? INSIGHTS FROM HUNTER-GATHERER SOCIETIES AT CZECH PALEOLITHIC SITES.  
Lecbychová, Olga - Matulová, Klára (Institute of Archaeology of the Czech Academy of Sciences Brno)

9:45 ASEXUAL FIGURINES OR NEOLITHIC DEITIES? THE CASE OF CUCCURRU S'ARRIU (SARDINIA)  
Carta, Arianna (University of Primorska)

- 10:00 **TOWARD AN INTERSECTIONAL ARCHAEOLOGY: CHALLENGING NEOLITHIC FUNERARY CONTEXTS.**  
Morell-Rovira, Berta (Archaeologyhub.CSIC; IMF-CSIC) - Díaz-Zorita Bonilla, Marta (Archaeometry Research Group. Institute for Pre- and Protohistory and Medieval Archaeology. Eberhard Karls Universität Tübingen) - Gibaja Bao, Juan F. (IMF-CSIC) - Masclans, Alba (Independent Researcher)
- 10:15 **DISCUSSION SLOT**
- 11:00 **SCIENCE AND THE INTERPRETATION OF PREHISTORIC SOCIAL DYNAMICS: THE MEMORIES PROJECT AS A CONTRIBUTION TO FEMINIST ARCHAEOLOGY**  
Cintas Peña, Marta - Luciañez Triviño, Miriam (University of Seville) - Herrero-Corral, Ana (Austrian Archaeological Institute, Austrian Academy of Sciences) - Rebay-Salisbury, Katharina (University of Vienna; Austrian Archaeological Institute, Austrian Academy of Sciences) - Fuentes Porto, Alba (University of La Laguna) - Kanz, Fabian (Medical University of Vienna) - Montero Artús, Raquel (University of Seville)
- 11:15 **LEARNING FROM NON-EUROPEAN PERSPECTIVES ON GENDER TO BETTER UNDERSTAND WOMEN IN EUROPEAN PREHISTORY**  
Palincas, Nona (Vasile Pârvan Institute of Archaeology, Romanian Academy)
- 11:30 **GENDERED SPACES AT WAH-SUT: THE FICTIONAL TALE OF PRINCESS RENISENEB THROUGH AN ARCHAEOLOGICAL LENS**  
Crawford, Courtney (American University in Cairo)
- 11:45 **LOOKING AT ARCHAEOLOGICAL EVIDENCE OF CHILDHOOD: A DIACHRONIC REVIEW OF OBJECTS, SOCIALIZATION PRACTICES AND ENVIRONMENTS IN PAST SOCIETIES**  
Romagnoli, Francesca (Universidad Autónoma de Madrid) - Comino Comino, Alba (Universidade Nova de Lisboa) - García-Basanta, Andrea - Prados Torreira, Lourdes (Universidad Autónoma de Madrid)
- 12:00 **COFFEE WITH ELAGABALUS: TRANSGENDER ARCHAEOLOGY FOR A BETTER FUTURE**  
Jaffe, Gali (Freelance Lecturer/Researcher)
- 12:15 **FEMINIST ARCHAEOLOGY AND QUEER ARCHAEOLOGY: DIVORCE OR FAMILY COUNSELING?**  
Eklund, Anna (Department of Archeology and Ancient History, Uppsala University)
- 12:30 **DISCUSSION SLOT**

## 1068 **AGRARIAN CHANGE IN THE MEDIEVAL MEDITERRANEAN: TOWARDS HOLISTIC ARCHAEOLOGIES OF ENVIRONMENTAL CHANGE**

- Room:** 11=CU003-FL1-Venturi  
**Time:** 16:30 - 18:30  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Round table  
**Organisers:** Pluskowski, Aleks (University of Reading) - Kirchner, Helena (Autonomous University of Barcelona) - García-Contreras, Guillermo (University of Granada) - Alexander, Michelle (University of York)

## 1071 **MACHINE LEARNING METHODS IN ARCHAEOLOGICAL RESEARCH: NEW APPROACHES, BARRIERS AND STANDARDIZATION**

- Room:** 58=CU033-FL4-Aula 7  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Berganzo-Besga, Iban (Ramsey Laboratory for Environmental Archaeology, University of Toronto Mississauga) - Jakubczak, Michał (Institute of Archaeology and Ethnology, Polish Academy of Science) - Bulawka, Nazarij (Catalan Institute of Classical Archaeology) - Troiano, Maurizio (Department of Information Engineering, Electronics and Telecommunications, University of Rome "La Sapienza"; Research Unit of Molecular Genetics of Complex Phenotypes, Bambino Gesù Children's Hospital, Irccs, Rome) - Nobile, Eugenio (The Sonia and Marco Nadler Institute of Archaeology, Tel Aviv University)

## ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **A DEEP LEARNING BASED TAPHONOMIC STUDY OF DS (BED I, OLDUVAI GORGE) AND ITS IMPACT ON RECONSTRUCTING EARLY HOMININ-CARNIVORE INTERACTIONS**  
Jiménez-García, Blanca - Cifuentes-Alcobendas, Gabriel (Universidad de Alcalá; Instituto de Evolución En África) - Baquedano, Enrique (Museo Arqueológico y Paleontológico de la Comunidad de Madrid; Instituto de Evolución En África) - Domínguez-Rodrigo, Manuel (Universidad de Alcalá; Instituto de Evolución En África; Rice University)

- 9:00 **A NEURAL NETWORK ANALYSIS FOR METRICS PREDICTION OF PRE-POTTERY NEOLITHIC-B LAMINAR ARTEFACTS FROM SOUTHERN LEVANT**  
Nobile, Eugenio (The Sonia and Marco Nadler Institute of Archaeology, Tel Aviv University) - Troiano, Maurizio (Department of Information Engineering, Electronics and Telecommunications (Diet) - University of Rome "La Sapienza"; Bambin Gesù Paediatric Hospital) - Mangini, Fabio - Mastrogiuseppe, Marco (Department of Information Engineering, Electronics and Telecommunications, University of Rome "La Sapienza") - Vardi, Jacob (Israeli Antiquities Authority) - Gopher, Avi (The Sonia and Marco Nadler Institute of Archaeology, Tel Aviv University) - Frezza, Fabrizio (Department of Information Engineering, Electronics and Telecommunications, University of Rome "La Sapienza") - Conati Barbaro, Cecilia (Department of Sciences of Antiquities, University of Rome "La Sapienza")
- 9:15 **CLASSIFICATION OF GLASS BEADS BY IMAGE CLUSTERING FROM EARLY MEDIEVAL AUSTRIAN SITES**  
Tobias, Bendeguz (Österreichische Akademie Der Wissenschaften - Institut für Mittelalterforschung) - Seidl, Benedict (University of Vienna, Institut für Urgeschichte und Historische Archäologie) - Miklutz, Lukas - Plant, Claudia (University of Vienna, Faculty of Computer Science Research Group, Data Mining and Machine Learning)
- 9:30 **AI CLASSIFICATION OF CERAMIC SHERDS: NEW FRONTIERS FOR THE ARCHAIDE PROJECT**  
Saraceni, Quirino (Department of Computer Science, University of Pisa) - Gattiglia, Gabriele (Department of Civilisations and Forms of Knowledge, University of Pisa) - Dubbini, Nevio (Miningful Srls)
- 9:45 **EMPLOYING MACHINE LEARNING TRANSFER KNOWLEDGE TECHNIQUES FOR IMPROVED FUNGAL RECOGNITION IN ARCHAEOLOGICAL MICROSCOPY IMAGERY**  
Mircea, Cristina (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University) - Mircea, Ioan Gabriel (Department of Computer Science, Faculty of Mathematics and Informatics, Babes-Bolyai University)
- 10:00 **TOWARDS A SHARED PRACTICE FOR DEEP LEARNING APPLICATIONS TO LIDAR-BASED ARCHAEOLOGICAL PROSPECTION**  
Poggi, Giulio - Sech, Gregory - Jaturapitpornchai, Raveerat - Fiorucci, Marco - Traviglia, Arianna (Istituto Italiano di Tecnologia)
- 10:15 **DISCUSSION SLOT**

- 11:00 **CHALLENGES AND SOLUTIONS IN AUTOMATED LARGE-SCALE ARCHAEOLOGICAL MAPPING WITH DEEP LEARNING: INSIGHTS FROM DTM ANALYSES IN POLAND**  
Jakubczak, Michal (Institute of Archaeology and Ethnology, Polish Academy of Science) - Tyszkiewicz, Michal (École Polytechnique Fédérale de Lausanne) - Leloch, Michal (Faculty of Archaeology, University of Warsaw)
- 11:15 **COMPUTER VISION BEST PRACTICES IN COMPUTATIONAL ARCHAEOLOGY**  
Berganzo-Besga, Iban (Ramsey Laboratory for Environmental Archaeology (Rlea, University of Toronto Mississauga) - Orengo, Hèctor (Landscape Archaeology Research Group - GIAP, Catalan Institute of Classical Archaeology - ICAC; Catalan Institution for Research and Advanced Studies (ICREA) - Lumbreras, Felipe (Computer Vision Centre (Cvc, Autonomous University of Barcelona)
- 11:30 **INVESTIGATING DOCUMENT AI FOR ARCHAEOLOGICAL REPORTS: A COMPARATIVE ANALYSIS**  
Santos, Ivo (CIDEHUS - Universidade de Évora; Hpc-Chair - Universidade de Évora)
- 11:45 **APPLICATION OF A DEEP CONVOLUTIONAL NEURAL NETWORK TO SATELLITE IMAGERY FOR THE DETECTION OF PREHISTORIC STRUCTURES IN THE SAHARA DESERT.**  
Brucato, Alessia (University of Bari Aldo Moro; National Research Council of Italy, Institute of Heritage Science (CNR ISPC) - Taggio, Nicolò (Planetek Italia, Geoai) - Masini, Nicola - Scardozi, Giuseppe - Lucarini, Giulio (National Research Council of Italy, Institute of Heritage Science CNR ISPC)
- 12:00 **DEVELOPING A MACHINE LEARNING TOOL FOR THE IDENTIFICATION OF ARCHAEOLOGICAL FEATURES IN LANDSCAPE DATA.**  
Curran, Susan - Corns, Anthony - O'Keeffe, John (The Discovery Programme) - Kokalj, Žiga - Čož, Nejc (Zrc Sazu) - Kocev, Dragi - Kostovska, Ana - Dimitrovski, Ivica (Bias Variance Labs) - Davis, Stephen (University College Dublin)
- 12:15 **MACHINE LEARNING AND ARCHAEOLOGICAL PREDICTIVE MODELLING: FUTURE HORIZONS IN PREDICTING THE PAST**  
Magnini, Luigi (Ca' Foscari University of Venice) - Pedersoli, Stefano (University of Sassari) - Bettineschi, Cinzia (University of Augsburg)
- 12:30 **A PICTURE IS WORTH A THOUSAND WORDS - AUTOMATED WORKFLOW OF ARCHAEOLOGICAL ILLUSTRATIONS USING DEEP LEARNING**  
Klein, Kevin (Vor- und Frühgeschichtliche Archäologie, Institut für Alttertumswissenschaften, Johannes Gutenberg University Mainz; Pal-

aeogenetics Group, Institute of Organismic and Molecular Evolution (Iome, Johannes Gutenberg University Mainz) - Brami, Maxime (Palaeogenetics Group, Institute of Organismic and Molecular Evolution (Iome, Johannes Gutenberg University Mainz) - Gorelik, Alexander (Vor- und Frühgeschichtliche Archäologie, Institut für Altertumswissenschaften, Johannes Gutenberg University Mainz) - Lämmel, Ralf (Software Languages Team, University of Koblenz)

- 12:45 DISCUSSION SLOT
- 14:00 NAMED ENTITY RECOGNITION APPLIED TO XML-TEI-ENCODED FRENCH ARCHAEOLOGICAL REPORTS. FIRST RESULTS OF THE ARCHES PROJECT  
Rego, Diane - Menu, Ariane - Bryas, Emmanuelle (INRAP)
- 14:15 FINDING A MATCH: A DIGITAL COMPARISON OF ARCHAEOLOGICAL POTTERY DRAWINGS AND MORPHOLOGICAL DATA.  
Zampierin, Daniele (Freie Universität Berlin) - Zampierin, Luca (Independent Researcher)
- 14:30 THE SHADOWS OF DIFFERENCES: NEURAL NETWORKS AND PREPROCESSING STRATEGIES IN DIGITAL ARTEFACT ANALYSIS  
Blochin, Jegor (Independent Researcher) - Lashmanov, Oleg (Independent Researcher) - Korolev, Alexander (Independent Researcher) - Silaeva, Nina (Independent Researcher) - Vasilyev, Stanislav (Independent Researcher)
- 14:45 DISCUSSION SLOT

## 1072 CROP HISTORY RESEARCH: AFTER PREHISTORY

**Room:** 24=CU002-FL1-Lauree  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Ros, Jerome (Institut des Sciences de l'Évolution de Montpellier; CNRS) - Fuks, Daniel (Ben-Gurion University of the Negev) - Ryan, Philippa (Interdisciplinary Research, Royal Botanic Gardens Kew) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - Peña-Chocarro, Leonor (Instituto de Historia, Consejo Superior de Investigaciones Científicas, CSIC)

### ABSTRACTS

- 8:30 INTRODUCTION

- 8:45 WILL CORDIA MYXA STAND UP, PLEASE? UNTANGLING THE HISTORIES OF CORDIA SPECIES IN THE ANCIENT EASTERN MEDITERRANEAN  
Muthukumar, Sureshkumar (National University of Singapore)
- 9:00 ARCHAEOBOTANY, GEOMETRIC MORPHOMETRICS AND GENOMICS OF WORLDWIDE OPIUM POPPY (PAPAVER SOMNIFERUM L) ACCESSIONS REVEAL ITS ORIGINS AND SPREAD.  
Oliveira, Hugo - Machado, Rui (Interdisciplinary Centre for the Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve) - Salavert, Aurélie (Unité Mixte de Recherche (UMR) Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements, Muséum National d'Histoire Naturelle - MNHN, Centre National de Recherche Scientifique (CNRS, Alliance Sorbonne Université) - Bouby, Laurent (ISEM, University of Montpellier, CNRS, IRD, EPHE) - Soteras, Raúl (Division of Natural Sciences, German Archaeological Institute DAI Berlin) - Bonhomme, Vincent - Evin, Allowen (ISEM, University of Montpellier, CNRS, IRD, EPHE, Montpellier) - Antolín, Ferran (Division of Natural Sciences, German Archaeological Institute DAI Berlin)
- 9:15 ETHNOBOTANICAL PERSPECTIVES ON CROP HISTORIES IN WEST AFRICA  
Ryan, Philippa (Rbg Kew)
- 9:30 THE CHANGING FORTUNES OF PEA IN IRELAND OVER THE LAST TWO MILLENNIA.  
Collins, Adam - Mcclatchie, Meriel - Negrão, Sónia - Vargas Sielfeld, Sofia (University College Dublin)
- 9:45 COMPARATIVE GENETIC VARIATION IN OLD OLIVE TREES IN THE SOUTH LEVANT – A WINDOW INTO THE HISTORY OF OLIVE CULTIVATION  
Barazani, Oz (Agricultural Research Organization, Institute of Plant Sciences, Israel) - Ben Dor, Elad (Agricultural Research Organization, Institute of Plant Sciences, Israel; the Robert H. Smith Faculty of Agriculture, Food and Environment, the Hebrew University of Jerusalem) - Dag, Arnon (Agricultural Research Organization, Gilat Research Centre, Israel)
- 10:00 SEARCHING THE ORIGIN OF CULTIVATED OLIVES: GENETIC, MORPHOMETRIC AND PHENOTYPIC ANALYSIS OF NATURALLY GROWING OLIVES IN THE ATLIT AREA, ISRAEL  
Ben Dor, Elad (The Robert H. Smith Faculty of Agriculture, Food and Environment, the Hebrew University of Jerusalem; Agricultural Research Organization, Institute of Plant Sciences, Israel) - Barazani, Oz - Dag, Arnon (Agricultural Research Organization, Gilat Research Centre) - Ben Dor, Yoav (Geological Survey of Israel)

- 10:15 **OLIVE CROPS IN LATE BRONZE AGE CRETE: BIODIVERSITY AND TEXTUAL SOURCES**  
Pierini, Rachele (University of Copenhagen)
- 11:00 **VITICULTURE LANDSCAPES OF THE LATE ANTIQUE SOUTHERN LEVANT**  
Miller, Shulamit (University of Haifa; Hebrew University of Jerusalem) - Bar-Oz, Guy - Ben-Eliyahu, Eyal - Gambash, Gil (University of Haifa)
- 11:15 **OLIVE FINDING FROM MA'AGAN MIKHAEL B SHIPWRECK (7TH-8TH CENTURY CE)**  
Schmerler, Noam (School of Archaeology & Maritime Cultures, University of Haifa) - Ben Dor, Elad (Institute of Plant Sciences, Department of Vegetables and Field Crops, Volcani Research Institute; the Robert H. Smith Faculty of Agriculture, Food and Environment, Israel) - Ben Dor, Yoav (Geological Survey of Israel, Jerusalem) - Barazani, Oz (Institute of Plant Sciences, Department of Vegetables and Field Crops, Volcani Research Institute) - Cvikel, Deborah (School of Archaeology & Maritime Cultures, University of Haifa)
- 11:30 **FIRST ARCHAEOBOTANICAL EVIDENCE FOR V. FABA VAR. EQUINA AND VICIA FABA VAR. MAJOR CULTIVATION AND BREEDING FROM MEDIEVAL SOUTHERN ITALY**  
Grasso, Anna - Primavera, Milena - Fiorentino, Girolamo (Università del Salento)
- 11:45 **THE ROMAN WAY(S). ARCHAEOBOTANICAL RECORDS DOCUMENT DIFFERENCES IN CROP CHOICES IN WESTERN IBERIA DURING ROMAN TIMES**  
Tereso, João (CIBIO-BIOPOLIS - Research Centre in Biodiversity and Genetic Resources, University of Porto; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; Centre of Interdisciplinary Studies, University of Coimbra; MHNC - UP - Natural History and Science Museum of the University of Porto) - Seabra, Luís (CIBIO-BIOPOLIS - Research Centre in Biodiversity and Genetic Resources, University of Porto; Faculty of Sciences, University of Porto) - Guerra, Amílcar - Arruda, Ana - Fabião, Carlos - Viegas, Catarina - Detry, Cleia (Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon) - Carvalho, Pedro - Silva, Ricardo (Centre of Interdisciplinary Studies, Faculty of Arts and Humanities. University of Coimbra) - Correia, Virgílio (Museu Nacional de Conimbriga; Centro de Estudos Clássicos e Humanísticos, Universidade de Coimbra)

- 12:00 **SOWING THE SEEDS OF EMPIRE: EARLY STATECRAFT AND THE EMERGENCE OF INDIGENOUS AGRICULTURE ON THE MONGOLIAN STEPPE (C.250 BC-150 AD)**  
Carolus, Christina (Yale University) - Cameron, Asa (Yale University) - Wright, Joshua (University of Aberdeen) - Honeychurch, William (Yale University) - Chunag, Amartuvshin (National University of Mongolia) - Szpak, Paul (Trent University)
- 12:15 **DISCUSSION SLOT**

### 1077 RESEARCH DATA MANAGEMENT IN THE FIELD

**Room:** 49=CU006-FLG-Aula B

**Time:** 16:30 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Riebschläger, Fabian (German Archaeological Institute; Nfdi4Objects) - Novák, David (Institute of Archaeology of the Czech Academy of Science Prague)

### ABSTRACTS

- 16:30 **FROM FIELD TO FAIR: DATA WORKFLOW AT THE AUSTRIAN ARCHAEOLOGICAL INSTITUTE (OEAI)**  
Schwaiger, Helmut - Burkhart, Karl - Danthine, Brigit - Welte, Michelle - Baudouin, Elise - Hye, Simon (Austrian Archaeological Institute)
- 16:45 **DEVELOPING SOFTWARE FOR THE DOCUMENTATION OF ARCHAEOLOGICAL FIELDWORK IN NFDI4OBJECTS**  
Riebschläger, Fabian (German Archaeological Institute; Nfdi4Objects) - Kleinke, Thomas (Verbundzentrale des Gbv (Vzg; German Archaeological Institute; Nfdi4Objects)
- 17:00 **THE MILESIAN APPROACH IN CONTEXT: ORGANIZING A DATA CENTRIC WORKFLOW BETWEEN FIELD AND FIND PROCESSING**  
Steinmann, Lisa - Sliwka, Fabian (Universität Hamburg) - Huy, Sabine (Christian-Albrechts-Universität Zu Kiel)
- 17:15 **CURATING DIGITAL ARCHIVES: DATA MANAGEMENT AND STANDARDISATION**  
Green, Katie - Zoldoske, Teagan (University of York)
- 17:30 **COMBINING FLEXIBILITY AND STANDARDISATION IN BORN-DIGITAL FIELD RECORDING**  
Indgjerd, Hallvard (Museum of Cultural History University of Oslo)



- 17:45 HOCUS POCUS AND THE LOCUS IS DONE. USING LARGE LANGUAGE MODELS IN TRANSCRIBING AND PARSING FIELD NOTES.  
Paukkonen, Nikolai (University of Helsinki)
- 18:00 DIGITAL RECORDING FOR FIRST RESPONSE MISSIONS TO CULTURAL HERITAGE SITES IN DISASTER ZONES  
Fritsch, Bernhard - Iacono, Elvira - Marzban, Pouria - Ducke, Benjamin (DAI)
- 18:15 DISCUSSION SLOT

### 1089 RITUAL VARIANCE IN GRAECO-ROMAN RELIGIONS: COGNITIVE AND SENSORY THEORETICAL PERSPECTIVES

- Room:** 61=CU022-EXT-Aula D  
**Time:** 8:30 - 10:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Mistic, Blanka (University of Vienna) - Graham, Abigail (Institute of Classical Studies (ICS))

#### ABSTRACTS

- 8:30 TRANSMISSION OF KNOWLEDGE AND RITUAL VARIANCE IN THE CULT OF MITHRAS  
Mistic, Blanka (University of Vienna)
- 8:45 THE JERUSALEM PILGRIMAGE ROAD IN THE SECOND TEMPLE PERIOD: AN ANTHROPOLOGICAL AND ARCHAEOLOGICAL PERSPECTIVE  
Abadi, Omri (Hebrew University) - Marciak, Michał (Associate Professor Institute of Jewish Studies, Faculty of History Jagiellonian University in Kraków)
- 9:00 PERSISTENCE AND TRANSFORMATION IN RITUALS PERFORMED IN THE SANCTUARY OF ZEUS AT OLYMPIA FROM A VISUAL PERSPECTIVE  
Sassu, Rita (Unitelma Sapienza University of Rome)
- 9:15 DISCUSSION SLOT
- 9:30 TO BE OR NOT TO BE: ERASING DEIFIED EMPERORS AND IMPERIAL CULT STATUS IN ROMAN EPHESES  
Graham, Abigail (Institute for Classical Studies and the British School at Rome)
- 9:45 EPIGRAPHIC VARIANCE AND THE MAKING PROCESS OF SMALL ALTARS AT VINDOLANDA  
Rome Griffin, Alexander (Lancaster University)

- 10:00 DISCREPANT DOGS: CANINE SYMBOLISM AND RITUAL VARIANCE IN THE ROMAN WORLD  
Lundock, Jason (Full Sail University)
- 10:15 DISCUSSION SLOT

### 1097 THE MINDREADING OF MATERIALITIES. ARCHAEOLOGY OF MOVEMENT AND SIGHT

- Room:** 102=CNR01-FLG-Biblioteca  
**Time:** 8:30 - 10:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Silva Gago, María (Incipit-CSIC) - Vindrola-Padros, Bruno (Kiel University) - Verdonkschot, Jadranka - Santos-Estévez, Manuel - Zaghi, Regina (Incipit-CSIC)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 WAYS OF SEEING, WAYS OF WALKING. ROCK ART SITES AS A SOCIAL DEVICE  
Santos-Estévez, Manuel - Silva-Gago, María - Zaghi-Lara, Regina (Incipit-CSIC)
- 9:00 DANCING THE GAZE: REPERTOIRE FOR IMAGINING PREHISPANIC DANCES IN COLOMBIA  
Posada, Carolina (Antioquia University)
- 9:15 RETHINKING HUMAN BEHAVIOUR. AN EXPERIMENTAL STUDY ON THE VISUAL EXPLORATION OF CERAMICS  
Silva Gago, María - Valiño-Perez, Arturo - Lima-Olivera, Elena - Fernandez-Pestonit, Alba (Instituto de Ciencias del Patrimonio, Incipit-CSIC) - Martinez-Otero, Luis (Instituto de NeuroCiencias CSIC-Umh) - Criado-Boado, Felipe (Instituto de Ciencias del Patrimonio, Incipit-CSIC)
- 9:30 BREAKAGE AND UNCERTAINTY: HOW POTTERS LEARN FROM UNPREDICTABLE PHENOMENA  
Vindrola-Padrós, Bruno - Scholtus, Lizzie (Xscape Project On "Material Minds" (ERC 2020 Synergy Grant 951631; Institute of Pre- and Protohistoric Archaeology, Kiel University)

- 9:45 **EXPLORING THE NEURAL PLASTICITY OF EARLY POTTERS: A MULTIDISCIPLINARY INVESTIGATION**  
Forte, Vanessa (Department of Science of Antiquities, Sapienza University of Rome) - Sartori, Luisa (Department of General Psychology, University of Padua) - Visalli, Antonino (Irccs San Camillo Hospital, Venice) - Yildirim, Mustafa (Department of Cognitive Psychology, Ruhr University Bochum) - Galati, Gaspare (Department of Psychology, Sapienza University of Rome) - Vidale, Massimo - Faresin, Emanuela (Department of Cultural Heritage: Archaeology, History of Art, Cinema and Music, University of Padua) - Vallesi, Antonino (Department of Neuroscience, University of Padua)

10:00 DISCUSSION SLOT

### 1109 MESOLITHIC & NEOLITHIC EVOLUTIONARY TRAJECTORIES AT THE MEDITERRANEAN

**Room:** 24=CU002-FL1-Lauree  
**Time:** 14:00 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** García-Puchol, Oreto (Universitat de València) - Cortell-Nicolau, Alfredo (University of Cambridge) - Gallelo, Gianni (Universitat de València) - Mcclure, Sarah (University of California Santa Barbara) - Díez-Castillo, Agustín (Universitat de València)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 **SIMULATING THE NEOLITHIC SPREAD ALONG THE NORTHERN MEDITERRANEAN COAST**  
Fort, Joaquim (Universitat de Girona; ICREA) - Pérez-Losada, Joaquim (Univesitat de Girona)
- 14:30 **HUNTER-GATHERERS' RESISTANCE IN THE NEOLITHIC OF MEDITERRANEAN EUROPE**  
Kacar, Sonja (Austrian Academy of Sciences)
- 14:45 DISCUSSION SLOT
- 15:00 **THE MESOLITHIZATION OF THE ATLANTIC FAÇADE OF THE IBERIAN PENINSULA IN THE LIGHT OF BAYESIAN STATISTICS**  
Pardo-Gordó, Salvador (Universidad de la Laguna) - Carvalho, António (Universidade do Algarve) - Extrem-Membrado, Vanessa - Aura Tortosa, J. Emili (Universitat de València)

- 15:15 **EVALUATING CULTURAL TRANSMISSION PROCESSES FROM GEOMETRIC PROJECTILES USING EXPERIMENTAL PROTOCOLS: A CASE STUDY FROM THE NEOLITHISATION PROCESS IN EASTERN IBERIA**  
Donadei, Juan Pablo- García Puchol, Oreto (Universidad de Valencia)
- 15:30 **THE ORIGIN AND TEMPO OF NATUFIAN SEDENTISM: A COMPARATIVE META-ANALYSIS OF SUBSISTENCE STRATEGIES**  
Elbaz, Sigal - Yeshurun, Reuven (Zinman Institute of Archaeology, School of Archaeology and Maritime Cultures, University of Haifa)
- 15:45 DISCUSSION SLOT
- 16:30 **DISCRETE AND CONTINUOUS TYPOLOGIES: A CASE STUDY FROM EASTERN IBERIA**  
Rorhus, Katrina - Cortell-Nicolau, Alfredo (University of Cambridge)
- 16:45 **DIPS AND UP-TICKS: EXPLORING POPULATION DEMOGRAPHICS OF THE NEOLITHIC ON THE DALMATIAN COAST OF CROATIA.**  
Lobiondo, Matthew - Mcclure, Sarah (University of California Santa Barbara) - Podrug, Emil (Muzej Grada Šibenika, Šibenik, Croatia)
- 17:00 **POPULATION STRUCTURE AND TECHNOLOGICAL VARIABILITY IN THE NEOLITHIC CERAMIC ASSEMBLAGES OF DEHESILLA CAVE (SOUTHERN SPAIN)**  
Díaz-Rodríguez, Manuel - García-Rivero, Daniel (University of Seville)
- 17:15 **EVOLUTIONARY HISTORIES OF THE NEOLITHISATION PROCESS IN THE MEDITERRANEAN: CROSSING POPULATION AND CULTURAL DATA**  
García-Puchol, Oreto (Universitat de Valencia) - Cortell-Nicolau, Alfredo (University of Cambridge) - Bernabeu-Aubán, Joan - Díez-Castillo, Agustín (University of Valencia) - Mcclure, Sarah (University of California Santa Barbara) - Gallelo, Gianni - Barrera-Cruz, María (University of Valencia)
- 17:30 **NEURAL NETWORKS ASSISTING SOCIAL NETWORKS ANALYSIS TO MAP NEOLITHIC-CHALCOLITHIC DOLERITES CIRCULATION IN VALENCIA COMMUNITY)**  
Gallelo, Gianni - Jimenez-Puerto, Joaquín (University of Valencia) - Trull-Dominguez, Oscar (Polytechnic University of Valencia) - Bernabeu, Joan (University of Valencia)
- 17:45 DISCUSSION SLOT

## 1111 NON-INVASIVE ARCHAEOLOGY: INTEGRATING SATELLITE, UAV, AND GEOPHYSICS WITH TRADITIONAL FIELD METHODOLOGIES

**Room:** 80=CU002-FL3-Aula 302

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Peters, Manuel J.H. (Max Planck Institute of Geoanthropology) - Wroniecki, Piotr (Montefortino Prospection & Digitalisation) - Trapero Fernández, Pedro (Cádiz University)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 REAPING THE BENEFITS OF LEAF-ON AIRBORNE LASER SCANNING DATA FOR CROPMARK ARCHAEOLOGY  
Banaszek, Lukasz (Historic Environment Scotland)
- 9:00 LANDSCAPE UNDER THE POINT CLOUD: UNVEILING THE PAST WITH ENHANCED VISUALISATION AND HIGH-RESOLUTION LIDAR DATA FROM SLOVAKIA  
Lieskovský, Tibor - Ďuračiová, Renata (Department of Theoretical Geodesy and Geoinformatics, Faculty of Civil Engineering, Slovak University of Technology in Bratislava)
- 9:15 THE RIGHT PLACE AT THE RIGHT TIME - AIRBORNE RGB DERIVED SLOPE MAPS AS GUIDE FOR UPLAND ARCHAEOLOGY FIELD SURVEY  
Zanotti, Erik - Putzolu, Cristiano (Università of Bologna) - Fiorini, Silvia - Debandi, Florencia - Cavazzuti, Claudio (Università of Bologna)
- 9:30 ALL FEATURES GREAT AND SMALL: COMPARING LIDAR SYSTEMS AT ANCIENT MAYA SITES IN BELIZE  
Thompson, Amy (The University of Texas at Austin) - Willis, Mark (Flinders University) - Houk, Brett (Texas Tech University) - Fernandez-Diaz, Juan Carlos (University of Houston)
- 9:45 THE EDOICATION MOAT SURVEY IN BENIN CITY: USING GEOMATIC TECHNIQUES FOR AN ARCHAEOLOGICAL SURVEY  
Hubert, Jan (Deutsches Archäologisches Institut)
- 10:00 RECONSTRUCTING THE DIFFERENT BUILDING PHASES AT THE CASA DEL CITARISTA IN POMPEII USING GROUND PENETRATING RADAR (GPR)  
Corradini, Erica (Institute of Geosciences, Christian-Albrechts-University Kiel) - Busen, Tobias (Deutsches Archäologisches Institut DA),

Berlin) - Haug, Annette (Institute of Classics | Classical Archaeology, Christian-Albrechts-University Kiel) - Erkul, Ercan - Fischer, Simon - Stuempel, Harald - Rabbel, Wolfgang (Institute of Geosciences, Christian-Albrechts-University Kiel)

10:15 DISCUSSION SLOT

11:00 FEATURE DETECTION IN THE ARGENTINEAN ANDES: MULTISCALE ASSESSMENT OF SATELLITE, UAV, AND SURVEY DATA

Peters, Manuel J.H. - Jambajantsan, Amina - Zuccarelli, Veronica (Max Planck Institute of Geoanthropology)

11:15 NEW WAYS TO SEE THE SURFACE. A CASE STUDY FROM THE MEGALITHIC PHENOMENON OF THE SOUTHEAST OF THE IBERIAN PENINSULA.

Cabrero, Carolina (University of Granada) - Garrido, Antonio (University of Jaén) - Esquivel, Francisco Javier - Cámara, Juan Antonio (University of Granada)

11:30 THE VILLA SETTE BASSI RELOADED: INTEGRATING UAV AND SATELLITE DATA FOR AN HOLISTIC MONITORING OF CULTURAL HERITAGE

Clementi, Jessica - Sanvito, Veronica (Department of Earth Sciences, Sapienza University of Rome) - Marini, Roberta (Nhazca S.R.L) - Molinari, Antonio (Department of Earth Sciences, Sapienza University of Rome) - Massi, Andrea (Department of Physics, Sapienza University of Rome; Nhazca S.R.L) - Roascio, Stefano - Reginaldi, Michele (Ministero della Cultura, Parco Archeologico Dell'Appia Antica) - Mazzanti, Paolo (Department of Earth Sciences, Sapienza University of Rome; Nhazca S.R.L)

11:45 THE 2023 FIELD EFFORTS AT COLHA: INTEGRATION OF MAGNETOMETRY AND EXCAVATION; AND A RETURN TO TZAK NAAB FOR GEOPHYSICAL SURVEY.

Neuhoff-Malorzo, Patricia (Independent Researcher; Swca Environmental Consultants) - Adam, Manda - Valdez, Jr, Fred (University of Texas at Austin)

12:00 NEW TECHNOLOGIES FOR THE PRESERVATION OF PRE-COLUMBIAN ARCHAEOLOGICAL HERITAGE IN SOUTH AMERICA: THE MAPSA PROJECT

Moderato, Marco - de Souza, Jonas - Madella, Marco - Tapscott Baltar, Alan - Heidgen, Shaddai (Cases, Universitat Pompeu Fabra, Spain) - Fajardo Bernal, Sebastian (Leiden Institute of Advanced Computer Science (Liacs, Leiden University) - Vargas Ruiz, Juan Carlos (Universidad del Magdalena, Colombia) - Neves, Eduardo Góes - Strauss, André (Museum of Archaeology and Ethnology, University of São Paulo)

- 12:15 AN INTEGRATED GEOPHYSICAL INVESTIGATION OF THE PREHISTORIC LANDSCAPE IN THE FORESTS OF SCHALTENRAIN, SWITZERLAND  
Medaric, Igor (University of Zurich, Department of Archaeology; University of Ljubljana, Department of Archaeology) - Geitlinger, Timo - Blum, Jonas - della Casa, Philippe (University of Zurich, Department of Archaeology)
- 12:30 BARCZEWKO/ALT WARTENBURG - UNCOVERING AN ABANDONED MEDIEVAL TOWN THROUGH AERIAL PHOTOGRAPHY, GEOPHYSICS, AND EXCAVATIONS  
Koperkiewicz, Arkadiusz (Institute of Archeology, University of Gdansk) - Wroniecki, Piotr (Montefortino Prospection & Digitalisation)
- 12:45 DISCUSSION SLOT
- 14:00 THE USE OF NON-DESTRUCTIVE METHODS TO RECONSTRUCT THE SETTLEMENT STRUCTURE OF HIGH AND LATE MEDIEVAL VILLAGE LHOTKA.  
Petráš, Josef (Independent Researcher)
- 14:15 GEOPHYSICS AND ARCHAEOLOGY ON THE TRAIL OF THE OTTONIAN KINGS AND EMPERORS – THE MEDIEVAL CENTRE OF POWER AT MEMLEBEN  
Biermann, Felix - Grönwald, Holger - Heikkinen, Mikko - Meller, Harald - Wehner, Donat (State Office for Heritage Management and Archaeology Saxony-Anhalt, Halle, Saale)
- 14:30 UNDERSTANDING AN ANOMALY. INTEGRATION AND INTERPRETATION OF NON-INVASIVE DATA IN THE OSTROWITE ARCHAEOLOGICAL PROJECT (NORTHERN POLAND)  
Sikora, Jerzy (Institute of Archaeology University of Lodz) - Wroniecki, Piotr (Montefortino Prospection @ Digitalisation)
- 14:45 NON-INVASIVE RESEARCH IS A JOURNEY NOT A QUICK FIX. SURVEY PLANNING AND INTERPRETATION AT THE HILLFORT IN GRABCZYN, POMERANIA, POLAND  
Wroniecki, Piotr (Montefortino Prospection & Digitalisation) - Niedziółka, Kamil (Institute of Archaeology, University of Gdansk) - Marczewski, Maciej (Firma Archeologiczna Glesum)
- 15:00 MINDING THE GAP BETWEEN GEOPHYSICAL DATA AND INTERPRETATION AT HISTRIA, ROMANIA  
Rabinowitz, Adam (The University of Texas at Austin) - Neuhoff-Malorzo, Patricia (Independent Researcher)

- 15:15 ANALYSES OF CUCUTENI-TRYPILLIA SETTLEMENTS IN THE REPUBLIC OF MOLDOVA: INTEGRATION OF NON-INVASIVE, MINIMALLY INVASIVE AND INVASIVE INVESTIGATION METHODS  
Schmauderer, Jessica (German Archaeological Institute, Romano-Germanic Commission; Friedrich-Alexander-University Erlangen-Nuremberg, Institute of Prehistory and Early History)
- 15:30 PRELIMINARY FINDINGS FROM NON-INVASIVE ARCHAEOLOGICAL INVESTIGATIONS IN SICILY, 2015-2022  
Mozdziuch, Ewa (University of Opole) - Wroniecki, Piotr (Montefortino - Prospection & Digitalisation) - Moździuch, Sławomir (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 15:45 DISCUSSION SLOT

## 1112 THE DAY AFTER: THE MATERIALITY OF RESILIENCE, MEMORY AND INEQUALITY IN POST-DISASTER SCENARIOS

**Room:** 13=CU003-FL1-Nobile

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Forlin, Paolo (University of Bologna; Northwestern University) - Gür, Selin - Boglione, Marcella (University of Bern) - Cavalazzi, Marco (University of Bologna; University of Michigan) - Brown, Peter (Radboud University Nijmegen)

### ABSTRACTS

8:30 INTRODUCTION

8:45 THE POLITICAL ECOLOGY OF A DISASTER: THE 1248 MONT GRANIER MEGALANDSLIDE REVISITED  
Forlin, Paolo (University of Bologna; Northwestern University)

9:00 WHAT MAKES A DISASTER DECISIVE? EVALUATING CAUSAL PATHWAYS IN POST-DISASTER SCENARIOS  
Brown, Peter (Radboud University)

9:15 WET FEET IN DUSTY RIVERS: THE RESILIENCE OF SOUTHERN MESOPOTAMIA'S HYDRO-CULTURAL LANDSCAPE  
Borkowski, Sebastian (University of Bern)

- 9:30 **ASSESSING VULNERABILITY TO EXTREME EVENTS IN A FLOODPLAIN WITH HIGH RATES OF VERTICAL GROWTH: THE NORTHERN ROMAGNA REGION**  
Cavalazzi, Marco (Università di Bologna; University of Michigan) - Abballe, Michele (Università Ca' Foscari Venezia) - Bortoluzzi, Daniele (Università di Milano) - Maranzana, Paolo (Boğaziçi University)
- 9:45 **THE LATE MESOLITHIC STOREGGA TSUNAMI (CA. 6150 BCE): EXPLORING IMPACT AND POST-DISASTER RESPONSES**  
Kilhavn, Havard (University of Stavanger)
- 10:00 **CULTIVATING RESILIENCE: THE ROLE OF AGENCY AND MEMORY IN THE URBAN MARKET GARDEN 'BOOM' OF POST-EARTHQUAKE POMPEII (AD 62-79)**  
Venner, Jessica (Institute of Classical Studies)
- 10:15 **DISCUSSION SLOT**
- 11:00 **BEYOND THE SEISM. THE RESPONSE TO THE EARTHQUAKES IN THE NORTHERN AREA OF SICILY BETWEEN HISTORICAL AND ARCHAEOLOGICAL SOURCES.**  
Boglione, Marcella (University of Bern; École Pratiques des Hautes Études Paris)
- 11:15 **FROM BAYRA TO VERA. THE COLLAPSE AND SUBSEQUENT RECONSTRUCTION OF A TOWN IN THE AFTERMATH OF AN EARTHQUAKE**  
Alonso-Valladares, Moisés - García Porras, Alberto (University of Granada)
- 11:30 **TRACING NATURAL CALAMITIES: LIPARI AS A CASE STUDY**  
Gür, Selin (University of Bern)
- 11:45 **THE ARCHITECTURE IN RAW EARTH WITHIN THE GREEK COLONIES IN SICILY**  
Labartino, Davide (University of Bern)
- 12:00 **BENEATH THE ASHES: ARCHAEOLOGICAL INSIGHTS ABOUT THE GREAT FIRE OF BUCHAREST**  
Motei, Raluca-Iuliana - Gavrilă, Elena - Pîrvulescu, Dan (Bucharest Municipality Museum)
- 12:15 **ECONOMIC AND SOCIAL TRANSFORMATION OF NEA PAPHOS (CYPRUS) AFTER THE 17/15 BCE EARTHQUAKE**  
Marzec, Edyta (Fitch Laboratory, British School at Athens; Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences) - Kajzer, Małgorzata (Institute of Archaeology and Ethnology of the Polish Academy of Sciences)
- 12:30 **DISCUSSION SLOT**

## 1120 HUMAN ENVIRONMENT INTERACTIONS IN THE EURASIAN STEPPES FROM PREHISTORY TO THE EARLY HISTORICAL PERIODS

- Room:** 102=CNR01-FLG-Biblioteca  
**Time:** 14:00 - 18:30  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Session with keynote presentation and discussion  
**Organisers:** Cromartie, Amy (Cornell University; Cultures et Environnements Préhistoire, Antiquité, Moyen Âge (CEPAM)) - Joannin, Sébastien (CNRS, UMR 5554 Institut des Sciences de l'Évolution de Montpellier - ISEM) - Lhuillier, Johanna (CNRS, UMR 5133 Archéorient, Maison de l'Orient et de la Méditerranée) - Ricci, Andrea (Cluster of Excellence Roots, Christian-Albrechts-Universität Zu Kiel)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **HUMAN RESPONSES TO ENVIRONMENTAL CHANGE ON THE SOUTHERN COASTAL PLAIN OF THE CASPIAN SEA DURING THE MESOLITHIC AND NEOLITHIC PERIODS**  
Leroy, Suzanne (Aix-Marseille University) - Amini, Arash (Golestan University) - Gregg, Michael W. (University of British Columbia) - Marinova, Elena (Cultural Heritage Baden-Württemberg) - Bendrey, Robin (University of Edinburgh) - Faselı Nashlı, Hasan (University of Tehran)
- 14:30 **INTERDISCIPLINARY ARCHAEO-ENVIRONMENTAL STUDIES AT KIMIREK-KUM 1, UZBEKISTAN: THE PALAEO-ECOLOGY OF A 2ND MILLENNIUM BC DELTA SYSTEM**  
Rouse, Lynne (Eurasia Dept, Dai) - Castellano, Lorenzo (New York University) - Hubbard, Eric (University of Pennsylvania) - Hunter, Sydney (The Ohio State University) - Jürcke, Friederike (University of Cambridge) - Müller, Daniela (University of Liverpool) - Pini, Roberta (CNR - Istituto di Geologia Ambientale e Geoingegneria) - Stark, Sören (Isaw - New York University)
- 14:45 **DISCUSSION SLOT**
- 15:00 **STEPPE SUSTAINABILITY IN A CHANGING WORLD**  
Joannin, Sébastien (CNRS - ISEM) - Palumbi, Giulio (CNRS - CEPAM) - Colombié, Claude (Université Lyon1 - Lgl Tpe) - Ollivier, Vincent (CNRS - Lampea) - Peyron, Odile (CNRS - ISEM) - Cromartie, Amy (CNRS - CEPAM) - Dugerdil, Lucas (Université de Montpellier)

- ISEM; Ens Lyon) - Lhuillier, Johanna (CNRS - Archéorient) - Consortium, Stepability (Anr - France)

- 15:15 **ARCHEOLOGICAL STRUCTURES AS POTENTIAL ENVIRONMENTAL ARCHIVES; FIRST NON-DESTRUCTIVE STUDY FROM SOUTHERN KYRGYZSTAN**  
 Vatansever, Atilla - Vařeka, Pavel - Kočár, Petr - Chajbullin Košťál, Jozef (Department of Archaeology, Faculty of Arts, University of West Bohemia) - Lisá, Lenka (Institute of Geology, Academy of Sciences of the Czech Republic) - Petr, Libor (Department of Botany and Zoology, Faculty of Science, Masaryk University) - Sůvová, Zdeňka (Department of Archaeology, Faculty of Arts, University of West Bohemia) - Bajer, Aleš (Department of Geology and Soil Science, Faculty of Forestry and Wood Technology, Mendel University in Brno) - Sultanov, Emil (National Academy of Sciences of the Kyrgyz Republic, Department of Archaeology of the Institute of History, Archeology and Ethnology Named After B. Dzamgyrchinov) - Osmonova, Samara (Faculty of History and Social Work, Osh State University)
- 15:30 **RODENT'S AS PALAEOLOGICAL PROXIES TO RECONSTRUCT PAST ENVIRONMENTS OF EURASIA**  
 Rey-Rodriguez, Ivan - López-García, Juan Manuel (Institut Català de Paleocologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili)
- 15:45 **DISCUSSION SLOT**
- 16:30 **CENTREING THE PERIPHERY: NEW PERSPECTIVES ON THE CENTRALITY OF ARID ENVIRONMENTS IN THE ECONOMY OF CENTRAL EURASIA**  
 Castro, Mariana (New York University, Institute for the Study of the Ancient World)
- 16:45 **AGRO-PASTORAL LANDSCAPE FIRE SUPPRESSION IN THE STEPPES OF THE BRONZE AND IRON AGE SOUTHERN CAUCASUS**  
 Cromartie, Amy (Cultures et Environnements. Préhistoire, Antiquité, Moyen Âge CEPAM; Cornell University) - Khatchadourian, Lori (Cornell University) - Ménot, Guillemette (LGL-TPE, Ens Lyon) - Peyron, Odile (Institut des Sciences de l'Evolution de Montpellier ISEM) - Smith, Adam (Cornell University) - Badalyan, Ruben (Institute of Archaeology and Ethnography Nas Republic of Armenia) - Lindsay, Ian (Purdue University) - Palumbi, Giulio (Cultures et Environnements. Préhistoire, Antiquité, Moyen Âge CEPAM) - Joannin, Sébastien (Institut des Sciences de l'Evolution de Montpellier - ISEM)

- 17:00 **SURVIVING IN THE SEMI-ARID REGION: THE HITTITES RESILIENCE PRACTICES IN ANATOLIA AT 2ND MILLENNIUM BC**  
 Saskara, Agit (Protohistory and Near Eastern Archaeology)
- 17:15 **DISCUSSION SLOT**
- 17:30 **DEMIC EXPANSION OF THE AGROPASTORAL SAKA AND WUSUN CONFEDERACIES/ STATE (800 BCE TO 400 CE) IN SOUTHEASTERN KAZAKHSTAN**  
 Chang, Claudia (Independent Scholar) - Tourtellotte, Perry (Independent Scholar)
- 17:45 **POPULATIONS OF THE CENTRAL ASIAN STEPPES AND REED BEDS OF THE AMU DARYA IN THE EARLY CENTURIES OF ISLAM**  
 Rhoné-Quer, Camille (Aix-Marseille University; Cermi; Iremam)
- 18:00 **DISCUSSION SLOT**

### 1123 **TRANSIENT TRACES: UNEARTHING THE HIDDEN MATERIAL DIMENSIONS OF CONTEMPORARY MIGRATION**

- Room:** 32=CU002-FLG-Aula D  
**Time:** 14:00 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Jungfleisch, Johannes (Ruhr University Bochum; Leibniz Science-campus "Reform" Bochum) - Raeymaekers, Timothy (University of Bologna)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **WALLING OUT ON THE U.S. - MÉXICO BORDER**  
 Mcguire, Randall (Binghamton University)
- 14:30 **"418 BOATS SENT = 20,900,000 \$": TRACING BORDERING AND BORDER-CROSSING PRACTICES IN THE EASTERN MEDITERRANEAN**  
 Jungfleisch, Johannes (Ruhr University Bochum)
- 14:45 **DISCUSSION SLOT**
- 15:00 **ARCHEOLOGICAL INVESTIGATION OF REFUGEEBOATS AT LAMPEDUA**  
 Wilts, Geesche (Www.Miss-Jones.De)

- 15:15 ASSEMBLAGES, NOT OBJECTS: SURVEY METHODS AND THE ARCHAEOLOGY OF CONTEMPORARY MIGRANT JOURNEYS IN WESTERN SICILY  
Schon, Robert - Blake, Emma (University of Arizona) - Wigodner, Alena (Princeton University)
- 15:30 EFFACED AFFECTS: TRACING LESSER MATERIALS IN THE MIGRANT TRAIL  
Simeonidis, Phevos (Durham University)
- 15:45 DISCUSSION SLOT
- 16:30 THEGAME PROJECT. ARCHAEOLOGICAL APPROACHES TO HOMING STRATEGIES IN MAKESHIFT CAMPS ALONG THE BALKAN ROUTE  
Farina, Emma (University of Bologna)
- 16:45 MIGRANT LABOUR DORMITORIES IN GREECE: TRACING MATERIAL TRANSFORMATION FROM ABJECTNESS TO RESISTANCE  
Kukreja, Reena (Queen's University)
- 17:00 FAKE BRANDS, PRAYER CARPETS, AND STREET FOOD: TOURIST SPACES AS SITES OF MIGRANT'S BORDER RESISTANCE  
Traber, Janine (University of Cologne)
- 17:15 DISCUSSION SLOT
- 17:30 (FORCED) MIGRATION AND AMASSED DISPOSSESSIONS: CONDITIONS AND CONSEQUENCES  
Yi-Neumann, Friedemann (University of Helsinki)
- 17:45 DISCUSSING DISPLACEMENT: MATERIAL CULTURES OF REFUGE IN THE PITT RIVERS MUSEUM  
Khan, Hadiqa (University College London; Pitt Rivers Museum)
- 18:00 DISCUSSION SLOT

### 1133 EVERYTHING COUNTS IN LARGE AMOUNTS? THE EMERGENCE OF TRADE NETWORKS IN MEDIEVAL EASTERN EUROPE. THE ARCHAEOLOGICAL AND ARCHAEOMETRIC EVIDENCE

- Room:** 31=CU002-FLG-Aula C  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Khamaiko, Natalia (The Leibniz Institute for the History and Culture of Eastern Europe (Gwzo); the Institute of Archaeology, National Academy of Science of Ukraine) - Woloszyn, Marcin (The Leibniz Institute for the History and Culture of Eastern Europe (Gwzo); University of Rzeszow) - Komar, Oleksii (The Institute of Archaeology, National Academy of Science of Ukraine)

### ABSTRACTS

- 8:30 LONG-DISTANCE CONTACTS THAT PASSED THROUGH BOHEMIA IN THE 7TH - 9TH CENTURIES  
Profantová, Nadezda (AU Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 8:45 THE PLACE AND ROLE OF THE CARPATHIAN BASIN AND EARLY HUNGARIANS IN THE RESURGENT LONG-DISTANCE TRADE OF EURASIA (9TH-10TH CENTURY)  
Harangi, Flórián (Hungarian National Museum, National Institute of Archaeology) - Jancsik, Balázs - Türk, Attila (Hun-Res Research Centre of Humanities, Early Hungarians Research Team; Pázmány Péter Catholic University, Institute of Archaeology)
- 9:00 MEDIEVAL GLOBALISATION? FOLLOWING THE AMBER TRADE BETWEEN THE BALTIC, RUS' AND CENTRAL ASIA  
Damm, Carina (University of Silesia)
- 9:15 DISCUSSION SLOT
- 9:30 THE MORE YOU GET - THE BETTER - THE CONTRIBUTION OF AMPHORAE TO STUDYING TRADE NETWORKS IN MEDIEVAL EASTERN EUROPE  
Todorova, Evelina (National Archaeological Institute With Museum, Bas)
- 9:45 AMPHORAE IN RUS': APPROACH TO EXCHANGE PATTERNS THROUGH THE PETROFABRIC DISTRIBUTION  
Korokhina, Anastasiia - Khamaiko, Natalia (Leibniz Institute for the History and Culture of Eastern Europe Gwzo; Institute of Archaeol-

ogy, National Academy of Sciences of Ukraine) - Wołoszyn, Marcin (Leibniz Institute for the History and Culture of Eastern Europe (Gwzo; University of Rzeszów, Poland) - Waksman, Sylvie Yona (CNRS UMR5138, Laboratory „Archaeology and Archaeometry“, Lyon, France) - Trzeciecki, Maciej (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Tymoshenko, Mariia (Museum of Kyiv History) - Auch, Michał (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Chernenko, Olena (University of Warsaw; Chernihiv Taras Shevchenko National Teachers' Training University) - Baiuk, Viktor (Subsidiary Research Centre „Security Archaeological Service of Ukraine“ of the Institute of Archaeology of the National Academy of Sciences of Ukraine) - Kolybenko, Oleksandr (National Historical and Ethnographic Reserve „Pereiaslav“, Pereiaslav, Kyiv Region)

- 10:00 **EASTERN CURIOSITIES AND WESTERN NOVELTIES. IMPORTED POTTERY IN EARLY MEDIEVAL POLAND – AN OVERVIEW.**  
Trzeciecki, Maciej - Auch, Michał (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 10:15 **DISCUSSION SLOT**
- 11:00 **TO THE ELITE TASTE: BEYOND THE COSTS AND AESTHETICS. GLAZED TABLEWARE IMPORTS FROM MEDIEVAL KYIV**  
Tymoshenko, Mariia (Museum of Kyiv History)
- 11:15 **MEDIEVAL AND MODERN GLAZED ITALIAN WARE IN THE NORTHERN BLACK SEA REGION**  
Teslenko, Iryna (Institute of Archaeology NAS of Ukraine; Philipps University Marburg)
- 11:30 **BEHIND BLUE GLASS: A HISTORY OF BYZANTINE IMPORT IN MEDIEVAL KYIV (ACCORDING TO ARCHAEOLOGICAL DATA)**  
Zhurukhina, Olena (The Museum of History of the Desiatynna Tithe Church)
- 11:45 **DISCUSSION SLOT**
- 12:00 **SLAVS AND EARRINGS IN THE HIGH MIDDLE AGES: SOCIO-ECONOMIC ASPECTS OF SO-CALLED VOLHYNIAN AND BEADED FILIGREE EARRINGS IN EASTERN EUROPE**  
Radišić, Milica (Institute of Archaeology, Belgrade)
- 12:15 **KRIVICHS ON VIKING AGE TRADE ROUTES: FINDS OF THE SMOLENSK-POLACK LONG BARROWS CULTURE FEMALE ORNAMENTS AS MARKERS OF INTERREGIONAL EXCHANGE**  
Plavinski, Mikalai (University of Warsaw)

- 12:30 **BONE OBJECTS IN THE CONTEXT OF CULTURAL AND TRADE CONNECTIONS OF EARLY RUS**  
Serhieieva, Maryna (Institute of Archaeology NAS Ukraine)
- 12:45 **DISCUSSION SLOT**
- 14:00 **THE „HACKSILVER HOARDS“ IN THE CARPATHIAN BASIN OF THE 10TH-11TH CENTURIES**  
Langó, Péter (Institute of Archaeology Hun-Res Research Centre for the Humanities; Institute of Archaeological Sciences Pázmány Péter Catholic University, Faculty of Humanities and Social Sciences) - Neválovits, Anna (Institute of Archaeological Sciences, Pázmány Péter Catholic University, Faculty of Humanities and Social Sciences)
- 14:15 **FIGHTERS OR MERCHANTS? CZERMNO/ CHERVEN' ON THE POLISH-RUS' MEDIEVAL BORDER AND OBJECTS RELATED TO COMMERCE**  
Florkiewicz, Iwona (University of Rzeszow, Institute of Archaeology)
- 14:30 **DISCUSSION SLOT**
- 14:45 **STICK-SHAPED INGOTS OF THE OLD RUS': STAGES OF CHANGE**  
Komar, Oleksii (Institute of Archaeology Nasu)
- 15:00 **PALEOPATHOLOGY OF CONTACT ZONES: MASS GRAVE ON BEREZAN ISLAND**  
Kozak, Alexandra (Institute of Archaeology, National Academy of Science of Ukraine Kyiv)
- 15:15 **DISCUSSION SLOT**

## 1140 **HEALTH AND DISEASE IN MEDIEVAL ISLAMIC POPULATIONS IN EUROPE**

- Room:** 9=CU003-FL1-Aula IV  
**Time:** 14:00 - 18:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Gijón, Ramón - Sarr-Marroco, Bilal (Universidad de Granada) - Gómez-Martínez, Susana (Universidade de Évora) - Jiménez-Brobeil, Sylvia (Universidad de Granada)

## ABSTRACTS

- 14:00 **INTRODUCTION**



- 14:15 **ISLAMIZATION AND CHANGING HYGIENIC CONDITIONS IN THE WESTERN MEDITERRANEAN (7TH-15TH CENTURIES): THEORY, PRAXIS AND EVIDENCE IN THE ARCHAEOLOGICAL RECORD**  
Sarr-Marroco, Bilal - Piñero Palacios, Juan Manuel (University of Granada)
- 14:30 **MÁGREB AL-AQSÀ AND AL-ÁNDALUS: A SHARED HISTORY OF CLIMATE, FAMINE AND EPIDEMICS.**  
Patarnello, Claudia (Instituto de Estudios Medievales y Renacentistas, y Humanidades Digitales lemyrhd; Universidad de Salamanca)
- 14:45 **MALARIA IN AL-ANDALUS: FROM WRITTEN MEDICAL SOURCES TO A PROPOSAL FOR A PALAEOPARASITOLOGICAL STUDY**  
Duras, Salvatore (Università degli Studi di Sassari) - López-Gijón, Ramón (Universidad de Granada)
- 15:00 **HEALTH AND HYGIENE IN AL-ANDALUS. CONSIDERATIONS ON A PRIVATE BATH IN MÉRTOLA (PORTUGAL)**  
Palma, Maria de (Campo Arqueológico de Mértola; CEAACP/Centro de Estudos Em Arqueologia, Artes e Ciências Do Património) - Martínez, Susana (Universidade de Évora; Campo Arqueológico de Mértola) - Fernandes, Marco - Rodrigues, Clara - Lopes, Virgílio (Campo Arqueológico de Mértola) - Rafael, Lúgia (Câmara Municipal de Mértola)
- 15:15 **DIGGING IN THE PAST OF MEDIEVAL ISLAMIC POPULATION IN AL-ÁNDALUS. THE NECROPOLIS OF SAHL BEN MALIK (GRANADA, SPAIN)**  
Fernández Romero, Pablo (Universidad de Granada) - Suliman, Amjad (Independent Archaeologist) - Ruiz Román, Francisco - López-Gijón, Ramón (Universidad de Granada)
- 15:30 **OSTEOARCHEOLOGICAL STUDY OF A DIMMÍ FUNERAL SPACE IN MADINAT ILBIRA (MEDINA ELVIRA, GRANADA)**  
Piñero, Juan - Sarr, Bilal (University of Granada)
- 15:45 **DISCUSSION SLOT**
- 16:30 **MUSLIM BURIALS IN NIMES : ELEMENTS OF HEALTH IN EARLY MEDIEVAL ISLAMIC POPULATIONS IN GAUL?**  
Gleize, Yves (INRAP - National Institute for Preventive Archaeological Research) - Mion, Leia (Cardiff University) - Mendisco, Fanny (CNRS) - Deguilloux, Marie-France (University of Bordeaux) - Blunt, Sierra (In) - Breuil, Jean-Yves (INRAP - National Institute for Preventive Archaeological Research)

- 16:45 **CRANIAL AND DENTAL NON-METRIC TRAITS FROM NORTH AFRICAN POPULATION IN AL-ANDALUS**  
Mena-Sánchez, Luis Alberto (University of Granada) - Maroto Benavides, Rosa (University of Granada) - Jiménez Brobeil, Sylvia (University of Granada)
- 17:00 **TRAUMATIC INJURIES IN MEDIEVAL SILVES (SOUTHERN PORTUGAL): A BIO CULTURAL PERSPECTIVE**  
Gonzalez-Ruiz, Ana (Universidade de Coimbra; Centro de Investigação Em Antropologia e Saúde (Cias) - Santos, Ana Luisa (Universidade de Coimbra; Centro de Investigação Em Antropologia e Saúde (Cias) - Gonçalves, Maria José (Museu Municipal de Arqueologia de Silves)
- 17:15 **DISCUSSION SLOT**
- 17:30 **PALEODIET IN THE NASRID KINGDOM OF GRANADA: URBAN VS. RURAL POPULATIONS**  
Jiménez-Brobeil, Sylvia A. (University of Granada, Spain) - Martín-Alonso, José Francisco (Universidad de Granada) - Maroto Benavides, Rosa María (Universidad de Granada)
- 17:45 **CONCEALED ROLES. A PALAEOANTHROPOLOGICAL READING ON NOURISHMENT, HEALTH, AND CARE GIVING IN A PEASANT COMMUNITY IN THE SHARQ AL-ANDALUS**  
Negre, Joan (Romanislam Centre - Universität Hamburg) - García, Marcos (Universidad de Granada) - Sancho, Sheyla (Independent Researcher)
- 18:00 **ZOONOTIC PARASITE INFECTION FROM OSTEOARCHAEOLOGICAL RECORD IN AL-ANDALUS**  
Gijón, Ramón (Universidad de Granada) - Duras, Salvatore (Universidad de Granada) - Benavides, Rosa (Universidad de Granada) - Mena Sánchez, Luis (Universidad de Granada) - Camarós, Edgard (University of Santiago de Compostela) - Jiménez Brobeil, Sylvia (Universidad de Granada)
- 18:15 **DISCUSSION SLOT**

## 1150 CAVES AND ROCKSHELTERS AS ARCHIVES TO STUDY PROCESSES OF CHANGE

**Room:** 32=CU002-FLG-Aula D

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Bergsvik, Knut Andreas (University Museum, University of Bergen) - Boethius, Adam (Dpt of Archaeology and Ancient History, Lund University, Sweden) - Jørgensen, Erlend (Norwegian Institute for Cultural Heritage Research Niku Tromsø)

### ABSTRACTS

8:30 INTRODUCTION

8:45 METHODS FOR RECONSTRUCTING DEPOSITIONAL HISTORIES OF ANTHROPOGENIC, SEDIMENTARY RECORDS: THE CASE OF THE HOLOCENE-DEEP KIRKHELLAREN CAVE DEPOSITS, COASTAL ARCTIC NORWAY

Jørgensen, Erlend (NIKU - Norwegian Institute for Cultural Heritage Research) - Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research) - Solem, Dag-Øyvind (NIKU - Norwegian Institute for Cultural Heritage Research) - Nau, Erich (NIKU - Norwegian Institute for Cultural Heritage Research)

9:00 CAVES AND ROCK SHELTERS IN SOUTHEAST NORWAY – GIS-BASED ANALYSIS OF LOCATIONS

Gjerpe, Lars Erik (Museum of Cultural History University of Oslo)

9:15 IN SEARCH OF THE NORTHERN PIONEERS: INVESTIGATING THE POTENTIAL OF THE UNEXPLORED CAVES AND ROCK SHELTERS OF KULLABERG, SOUTHERN SWEDEN

Boethius, Adam (Department of Archaeology and Ancient History, Lund University) - Fauvelle, Mikael (Department of Archaeology and Ancient History, Lund University) - Jordan, Peter (Department of Archaeology and Ancient History, Lund University) - Jennbert, Kristina (Department of Archaeology and Ancient History, Lund University) - Fjellström, Markus (Department of Archaeology and Ancient History, Lund University) - Hammarlund, Dan (Department of Geology, Lund University) - Rundgren, Mats (Department of Geology, Lund University) - Heintzman, Peter (Department of Geological Sciences, Stockholm University) - Bennike, Ole (Geological Survey of Denmark and Greenland)

9:30 A ROCK SHELTER LANDSCAPE – NEW DATINGS AND RESULTS FROM THE REINHÄUSER FOREST SOUTH OF GÖTTINGEN, LOWER SAXONY, GERMANY  
Böckenförde, Tilman (Georg-August-Universität Göttingen) - Riede, Felix (Aarhus University) - Terberger, Thomas (Niedersächsisches Landesamt für Denkmalpflege; Georg-August-Universität Göttingen)

9:45 INTEGRATED METHODOLOGY FOR THE DISENTANGLING OF A COMPLEX CAVE STRATIGRAPHY AT THE MIS-3 SITE OF GERMOLLES IN SOUTHERN BURGUNDY  
Andrews, Robin (Early Prehistory and Quaternary Ecology, Department of Geosciences, University of Tübingen)

10:00 LAVA TUBES AS UNTAPPED SOURCES OF NATURAL AND CULTURAL ARCHIVES: CASE STUDIES FROM ARABIA.

Stewart, Mathew (Griffith University) - Groucutt, Huw (University of Malta, Malta) - Al Shdaifat, Ahmad (Al Al-Bayt University, Jordan) - Richter, Tobias (University of Copenhagen)

10:15 DISCUSSION SLOT

11:00 DIFFERENTIATED USE OF ROCKSHELTERS RELATED TO CHANGES IN THE AGRICULTURAL SETTLEMENT DURING THE EARLY IRON AGE IN SOUTHWEST NORWAY

Meling, Trond (Museum of Archaeology, University of Stavanger)

11:15 REVISITING THE CAVE DOLLSTEINHOLA AT THE NORWEGIAN COAST

Bergsvik, Knut Andreas (University of Bergen) - Meijer, Hanneke (University of Bergen)

11:30 THE EARLY ARCHAEOLOGISTS AND THE ISSUE OF MEDIEVAL AND POST-MEDIEVAL RECORDS FROM THE CAVES OF THE CRACOW UPLAND (SOUTHERN POLAND)

Wojenka, Michal (Institute of Archaeology Jagiellonian University)

11:45 NEW EXCAVATION OF CAVES AND ROCKSHELTERS IN RUŽÍN (EASTERN SLOVAKIA): PRELIMINARY RESULTS OF MULTIDISCIPLINARY RESEARCH

Nemergut, Adrián (Institute of Archaeology, Slovak Academy of Sciences, Nitra) - Soják, Marián (Institute of Archaeology, Slovak Academy of Sciences, Spišská Nová Ves) - Lisá, Lenka (Institute of Geology, Czech Academy of Sciences, Praha) - Hajnalová, Mária (Constantine the Philosopher University in Nitra) - Orvošová, Monika (Slovak Museum of Nature Protection and Speleology, Liptovský Mikuláš) - Čejka, Tomáš (Institute of Botany, Slovak Academy of Sciences, Bratislava) - Popovičová, Lucia (Institute of Archaeology, Slovak Academy of Sciences, Nitra) - Mihályiová, Jana (Institute of Archaeology, Slovak Academy of Sciences, Nitra) - Čeklovský, Tomáš (Slovak Museum of Nature Protection and Speleology, Liptovský Mikuláš)

- Obuch, Ján (Slovak Museum of Nature Protection and Speleology, Liptovský Mikuláš)

12:00 LEGACY EXCAVATION IN THE FRANCONIAN JURA. CHALLENGES AND OPPORTUNITIES

Burgdorf, Phil (University of Bamberg)

12:15 DISCUSSION SLOT

12:30 DISCUSSION SLOT

**1161 HERITAGE TALES: PARTICIPATORY APPROACHES TO HERITAGE MANAGEMENT AND COMMUNITY ENGAGEMENT**

**Room:** 11=CU003-FL1-Venturi

**Time:** 8:30 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Fábíán, Szilvia (Hungarian National Museum, Budapest) - Hadji, Athena (Dikemes - College Year in Athens) - Michelic, Sanjin (Museum of Arts and Crafts, Zagreb) - Pace, Giuseppe (CNR - Institute for Research on Innovation and Services for Development) - Pagano, Fabio (Archaeological Park of Campi Flegrei, Pozzuoli)

**ABSTRACTS**

8:30 INTRODUCTION

8:45 SHAPING NARRATIVES: BRIDGING SOCIETAL GAPS AND REDEFINING ARCHAEOLOGICAL RELEVANCE THROUGH VISITOR-CENTRIC APPROACHES  
Frascella, Selene (University of Barcelona; Italian Institute of Technology)

9:00 HERITAGE TAKEOVERS - DYNAMICS OF THE COMMUNITY INVOLVEMENT IN ARCHAEOLOGICAL HERITAGE OF STYRIA (AUSTRIA)  
Mele, Marko (Universalmuseum Joanneum) - Porod, Barbara (Universalmuseum Joanneum) - Modl, Daniel (Universalmuseum Joanneum) - Kiszter, Sarah (Universalmuseum Joanneum) - Peitler, Karl (Universalmuseum Joanneum)

9:15 TRANSFORMING VISIONS: A COMPARATIVE STUDY OF PREHISTORIC SITE MUSEUMS IN CHINA  
Yang, Miao (University of Cambridge)

9:30 EVALUATING COMMUNITY INTERACTIONS AND HERITAGE PERCEPTION BY COMPARING TWO ARCHAEOLOGICAL SITES IN MENORCA (BALEARIC ISLANDS).  
Pastor Pérez, Ana (Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid) - Castillo Mena, Alicia (Departamento de Prehistoria, Historia Antigua y Arqueología. Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid) - Pérez González, Elena (Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid) - Benítez de Lugo Enrich, Luis (Departamento de Prehistoria, Historia Antigua y Arqueología. Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid) - Corpas, Nekbet (Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid)

9:45 JOURNEY OR DESTINATION: HUNGARIAN NATIONAL MUSEUM'S ATTEMPTS AND GOOD EXAMPLES TO PROMOTE ARCHAEOLOGICAL HERITAGE VIA THEMATIC CULTURAL ROUTES  
Pálincás, Adrienn (Hungarian National Museum) - Fábíán, Szilvia (Hungarian National Museum) - Czifra, Szabolcs (Hungarian National Museum)

10:00 THE BORDER AS THE "BASEMENT" OF THE IDENTIFICATION OF VALUE. THE CASE OF THE CAMPI FLEGREI ARCHAEOLOGICAL PARK  
Pagano, Fabio (Archaeological Park of Campi Flegrei)

10:15 DISCUSSION SLOT

11:00 THE ARCHAEOLOGICAL MUSEUM "ARISTIDE GENTILONI SILVERI" OF TOLENTINO: FROM THE 19TH CENTURY COLLECTION TO INCLUSEUM  
Perna, Roberto (Università di Macerata) - Giaconi, Catia (Università di Macerata) - Spagnuolo, Michele (Playmarche Srl) - Xavier de Silva, Ludovica (Università di Macerata) - del Bianco, Noemi (Università di Macerata) - d'Angelo, Ilaria (Università di Macerata)

11:15 LIBYAN PERSPECTIVES IN THE ARCHIVE OF THE BRITISH INSTITUTE FOR LIBYAN AND NORTHERN AFRICAN STUDIES  
Vitale, Valeria (University of Sheffield) - Crowe, Felicity (British Institute for Libyan and Northern African Studies) - Furjani, Reem (Scene)

11:30 CURATING COMMUNITIES' PAST: DIGITAL APPLICATIONS AND CROWDSOURCING  
Lampada, Despoina (Time Heritage) - Kamara, Aphrodite (Time Heritage) - Papakonstantinou, Marietta (Time Heritage) - Pouloupoulos, Vasileios (University of the Peloponnese)

- 11:45 **EMBRACING MULTIVOCAL HERITAGE: INTRODUCING THE MEMORY LAB AS THE CORE CONCEPT OF THE HERITAGELAB INITIATIVE**  
Yalman, Nurcan (Istanbul Nisantasi University) - Cappalletto, Niccolò (Graduate Student in Arts, Museology and Curatorship University of Bologna)
- 12:00 **MANAGING THE UNDERGROUND BUILT HERITAGE: THE HELLENISTIC NECROPOLIS IN NAPLES**  
Pace, Giuseppe - Fatigati, Luisa - Esposito, Gabriella (CNR - Institute for Research On Innovation and Services for Development)
- 12:15 **TEACHING AND LEARNING OF CULTURAL HERITAGE. BRIEF EPISODES FROM THE ACTIVITY OF COMMUNITY ARCHAEOLOGY ASSOCIATION IN HUNGARY**  
Füredi, Ágnes (Hungarian National Museum) - Rácz, Tibor Ákos (Community Archaeology Association; Ferenczy Museum Centre)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT
- 14:00 **SHARING HISTORY AND INTERPRETATION FOR UNDERGROUND BUILT HERITAGE: THE CASE-STUDY OF THE PISCINA MIRABILIS**  
Lombardi, Giovanni (CNR) - Surla, Tamara (University of Novi-Sad) - Pace, Giuseppe (CNR - Institute for Research on Innovation and Services for Development)
- 14:15 **OVERVIEW OF THE CULTURAL ROUTES OF THE COUNCIL OF EUROPE PROGRAMME IN HUNGARY. NATIONAL AND INTERNATIONAL NETWORKS, EXAMPLES OF GOOD PRACTICES**  
Tompos, Krisztina (Hungarian Open Air Museum - Szabadtéri Néprajzi Múzeum)
- 14:30 **MID-TERM STRATEGY FOR THE IRON AGE DANUBE ROUTE**  
Czifra, Szabolcs (Hungarian National Museum)
- 14:45 **MOVING TOWARDS THE ARCHAEOLOGICAL NATURAL PARC OF THE SINIS PENINSULA. THE ACTIVITIES OF THE FONDAZIONE MONT'E PRAMA**  
Mureddu, Maria - Camedda, Nicoletta - Orri, Ilaria - Becciu, Mariaca - Fadda, Sara - Pitzalis, Matteo - Murru, Giorgio Franco - Muron, Anthony (Fondazione Mont'E Prama)
- 15:00 **RESEARCH OF ROMAN VILLAS IN COUNTY VESZPRÉM - A COMMUNITY ARCHAEOLOGY PROJECT**  
Péterváry-Szanyi, Brigitta (Laczkó Dezso Múzeum)

- 15:15 **THE CRESWELL VOLUNTEER ARCHAEOLOGY PROJECT: INSIGHTS INTO INCLUDING RURAL COMMUNITY RESIDENTS IN ARCHAEOLOGY AND HERITAGE**  
Nelson, Theresa (Department of Archaeology, University of Sheffield; Creswell Heritage Trust, Creswell Crags) - Kuykendall, Kevin (Department of Archaeology, University of Sheffield) - Jones, Angharad (Creswell Heritage Trust, Creswell Crags)
- 15:30 **COMMUNITY ARCHAEOLOGY IN THE GÖCSEJ MUSEUM. ARCHAEOLOGICAL RESEARCH OF PAULINE MONASTERIES IN ZALA COUNTY, HUNGARY**  
Havasi, Balint - Simmer, Livia (Directorate of Museums in Zalaegerszeg - Göcsej Museum)
- 15:45 DISCUSSION SLOT

### 1165 **COLLECTING ACROSS BORDERS: HISTORIES OF COLLECTING AND CURRENT DEBATES ON COLLECTIONS**

- Room:** 64=CU022-FLG-Aula C  
**Time:** 16:30 - 18:30  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Ojala, Carl-Gösta (Uppsala University) - Kato, Hirofumi (Hokkaido University)

### ABSTRACTS

- 16:30 **COLLECTING ACROSS BORDERS IN SÁPMI: HISTORIES AND LEGACIES OF COLONIAL COLLECTING**  
Ojala, Carl-Gösta (Uppsala University)
- 16:45 **CULTURAL HIERARCHIES, HIGHLIGHTING INDIGENOUS COLLECTIONS IN THE VATICAN MUSEUMS**  
Aigner, Katherine (The Australian National University)
- 17:00 **SCATTERING EGYPTIAN COLLECTIONS: THE CASE STUDY OF PREDYNASTIC AND DYNASTIC LITHIC ARTEFACTS**  
Lombardi, Lorena (University of Pisa; National Research Council-Institute of Heritage Science (CNR-ISPC))
- 17:15 **PRE-COLUMBIAN MUMMIES IN EUROPEAN MUSEUMS - INTERDISCIPLINARY AND TRANSNATIONAL EXPERIENCES AND OBSERVATIONS FROM AN ONGOING RESEARCH PROJECT**  
Gerst, Robin (Goethe-Universität Frankfurt am Main)

- 17:30 **THE NUBIAN SKELETAL COLLECTIONS CURATED AT UNIVERSIDAD COMPLUTENSE DE MADRID**  
Casquero Muñoz, Mar - Ríos Frutos, Luis (Universidad Complutense de Madrid) - Saad, Mohamed (National Corporation for Antiquities and Museums Sudan)
- 17:45 **CROSS BORDER EXCHANGE OF THE INDIGENOUS REMAINS**  
Kato, Hirofumi (Hokkaido University)
- 18:00 **DISCUSSION SLOT**
- 18:15 **DISCUSSION SLOT**

**1166 HISTORY WITHOUT CROSSROADS? CENTRING THE PERIPHERY OF THE MEDITERRANEAN**

**Room:** 49=CU006-FLG-Aula B  
**Time:** 8:30 - 10:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Gheorghiadu, Paula (University of Helsinki) - Johal, Prabhjeet (University of Toronto)

**ABSTRACTS**

- 8:30 **CENTRING THE LOCAL IN GANDHĀRAN ART: THE MATERIAL EVIDENCE FROM SWAT**  
Elahi, Moizza (University of Toronto)
- 8:45 **GLOBALISATION THEORY AS AN ALTERNATIVE TO 'CROSSROADS'-THINKING: THE CASE OF DOLPHIN-AMPHORA EARRINGS FROM PASTORALIST BURIALS IN NORTHERN BACTRIA**  
Veltman, Merlijn (Leiden University)
- 9:00 **THE RELIGIOUS ECOSYSTEMS OF AI KHANOUM AND TAXILA AND THEIR RELATION TO HYBRIDISED ICONOGRAPHY**  
Nikolaou, Christos (University of Cambridge)
- 9:15 **CULTURAL INTEGRATION ON THE „CROSSROAD“: ICONOGRAPHY OF A CHINESE SILK JIN IN ROMAN PALMYRA**  
Zhou, Junjie (Ludwig-Maximilians-Universität München)
- 9:30 **NAVIGATING CROSSROADS NARRATIVES IN THE ROMAN EAST THROUGH WHITE MARBLE PROVENANCE: THE STUDY OF FUNERARY MONUMENTS FROM THE STRYMON VALLEY**  
Anevlavi, Vasiliki (Austrian Archaeological Institute, Austrian Academy of Sciences) - Andreeva, Petya (National Archaeological Institute

With Museum, Bulgarian Academy of Sciences) - Prochaska, Walter (Austrian Archaeological Institute, Austrian Academy of Sciences) - Ladstätter, Sabine (Austrian Archaeological Institute, Austrian Academy of Sciences)

- 9:45 **BETWEEN THE SEA AND LAND: REGIONAL NARRATIVES ENCAPSULATING NORTHERN ALBANIAN ARCHAEOLOGY DURING THE EARLY AND MIDDLE BRONZE AGE**  
Mara, Anisa (University of Toronto)
- 10:00 **(RE)CENTREING THE AUGUSTAN TROPAEUM ALPIUM: A FEMINIST AND QUEER ANALYSIS OF THE ‚IDEAL‘ FEMALE CAPTIVE**  
Madden, Kelsey (Institute of Classical Studies, School of Advanced Study, the University of London)
- 10:15 **DISCUSSION SLOT**

**1170 WINDOWS TO THE PAST: ARCHAEOLOGICAL THINKING, INTERDISCIPLINARITY, AND QUALITATIVE ANALYSIS IN THE DIGITAL WORLD**

**Room:** 64=CU022-FLG-Aula C  
**Time:** 14:00 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Manzetti, Maria Cristina (University of Cyprus) - Gonzalez San Martin, Ana (Brown University) - Diaz de Liano, Guillermo (MOLA - Museum of London Archaeology)

**ABSTRACTS**

- 14:00 **INTRODUCTION**
- 14:15 **“IT JUST FEELS DIFFERENT“: AN ETHNOGRAPHIC EXPLORATION OF FIELDWORKERS' EXPERIENCES WITH DIGITAL RECORDING IN ARCHAEOLOGICAL FIELDWORK**  
Araar, Leila (University of York; Museum of London Archaeology)
- 14:30 **REFLECTION, RITUAL, AND MEMORY: INVESTIGATION OF WALL PAINTINGS IN THE ROMAN MAUSOLEUM OF LE CARCERI VECCHIE, SAN PRISCO, SOUTH ITALY.**  
Pillai, Sujitha - Cubellotti, Fabio (Department of Humanities and Cultural Heritage, University of Campania Luigi Vanvitelli)

- 14:45 **WHY MAPPING SENSATIONS IN ARCHAEOLOGY? THE CASE OF THE GRAND TOUR TRAVELLERS IN THE MEDITERRANEAN ISLANDS**  
Manzetti, Maria Cristina (University of Cyprus)
- 15:00 **UNEARTHING URBAN FUTURES: REVOLUTIONIZING URBAN DEVELOPMENT THROUGH INTERDISCIPLINARY DIGITAL ARCHAEOLOGICAL INTEGRATION IN ALMERE, NETHERLANDS**  
Vanderhoeven, Timo - Kars, Eva (Earth Integrated Archaeology)
- 15:15 **DISCUSSION SLOT**
- 15:30 **DISCUSSION SLOT**

## 1172 **HOARD IN SITU. THE ARCHAEOLOGICAL CONTEXT FOR UNDERSTANDING METAL AGE HOARDS**

- Room:** 30=CU002-FL1-Aula 101  
**Time:** 8:30 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Nordez, Marilou (CNRS (UMR6566 CREA AH-Lara, Nantes) - Mélin, Muriel (Service Archéologique Départemental Du Morbihan; UMR6566 CREA AH Rennes) - Mörtz, Tobias (Universität Hamburg, Fachbereich Kulturwissenschaften) - Nowak, Kamil (Nicolaus Copernicus University) - Tarbay, János Gábor (Hungarian National Museum)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **INCREASING USE OF METAL DETECTORS AND MORE HOARD FINDS - DO THE FIGURES CORRELATE?**  
Unglaub, Christoph (Archaeologisches Landesamt Schleswig-Holstein)
- 9:00 **OFFERING VS. SACRIFICE. A DISTINCTION BETWEEN DIFFERENT KINDS OF METAL DEPOSITION BASED ON SELECTION, TREATMENT AND CONTEXT**  
Mörtz, Tobias (University of Hamburg)
- 9:15 **THE NEARLY IN SITU EXCAVATED HOARD FROM JODŁOWNO, NORTHERN POLAND. STUDY OF THE SELECTION PATTERN OF DEPOSITED METALS**  
Nowak, Kamil (Institute of Archaeology, Nicolaus Copernicus University in Toruń) - Gan, Paweł (Bio- and Archaeometric Laboratory, Institute of Archaeology and Ethnology Polish Academy of Sciences) - Stos-Gale, Zofia (Department of Historical Studies, University of

Gothenburg) - Karasiński, Jakub (Faculty of Chemistry, Biological and Chemical Research Centre, University of Warsaw)

- 9:30 **THE TREASURES FROM TROY - A NEW LOOK AT AN OLD STORY**  
Pieniazek, Magda (Universität Tübingen, Institut UFG)
- 9:45 **BRONZES LIE ON TUSKS. THE CONTEXT OF HOARD I FROM SOMLÓ HILL, WEST HUNGARY**  
Tarbay, János Gábor (Hungarian National Museum) - Soós, Bence (Hungarian National Museum; Institute of Archaeological Sciences, Eötvös Loránd University) - Péterváry, Tamás (Hungarian National Museum)
- 10:00 **FEASTS, ENCLOSURES, AND COLLECTIVE OFFERINGS**  
Baron, Justyna (University of Wrocław)
- 10:15 **DISCUSSION SLOT**
- 11:00 **A LATE BRONZE AGE SETTLEMENT AND ITS METALLURGIST WORKSHOP IN SAINT-AVÉ (MORBIHAN, FRANCE)**  
Blanchet, Stéphane (Inrap)
- 11:15 **BEYOND THE SURFACE: TOWARDS A BETTER UNDERSTANDING OF EARLY IRON AGE HOARD CONTEXTS IN NORTHWESTERN FRANCE**  
Cabanillas de la Torre, Gadea (DRAC Bretagne - Service Régional de l'Archéologie - French Ministry of Culture; UMR 6566 CREA AH)
- 11:30 **A LATE BRONZE AGE HOARD IN A SETTLEMENT CONTEXT IN GERZAT (PUY-DE-DÔME, FRANCE)**  
Da Cruz, Lucie (Paléotime) - Auxerre-Géron, Florie-Anne (UMR 5608 Traces)
- 11:45 **SIZE MATTERS - SO DOES THE CONTEXT. 794 EARLY BRONZE AGE RIB INGOTS FROM OBERDING**  
Kutscher, Sabrina (LMU Munich)
- 12:00 **SELECTIVE DEPOSITION OF METAL OBJECTS ON THE SUBMERGED SETTLEMENT OF LA MOTTE (AGDE, FRANCE, C. 9TH-8TH BC)**  
Lachenal, Thibault (CNRS)
- 12:15 **THE KALLERUP HOARD AND THE DEPOSITIONAL PRACTICES IN LATE BRONZE AGE NORTHERN JUTLAND, DENMARK**  
Møller, Niels (Museum Thy)
- 12:30 **FRÖSLUNDA REVISITED: A SHIELD HOARD FROM THE LATE BRONZE AGE IN WESTERN SWEDEN**  
Nitenberg, Annelie (Västergötlands Museum) - Uckelmann, Marion (Durham University)

- 12:45 DISCUSSION SLOT
- 14:00 METAL HOARDS IN A RITUAL SPACE? THE ATLANTIC MIDDLE BRONZE AGE SITE OF KEROUARN, PRAT (CÔTES-D'ARMOR, FRANCE)  
Nordez, Marilou (CNRS)
- 14:15 HOARD OF BRONZE BRACELETS FROM THE MIDDLE AND LATE BRONZE AGE IN PRAGUE-MODŘANY (CENTRAL BOHEMIA)  
Petriscakova, Katarina - Kacl, Pavel (The City of Prague Museum)
- 14:30 THE EARLY METAL PERIOD HOARD FROM ŽEIMENA RIVER, LITHUANIA - TIN ARTEFACTS IN THE LIGHT OF LONG DISTANCE CULTURAL CONTACTS  
Pranckenaite, Elena (Klaipėda University) - Muradian, Lijana (National Museum of Lithuania) - Žilinskaitė, Agnė (Vilnius University)
- 14:45 THE SANCTUARY OF ZEUS AT OLYMPIA AS AN EXAMPLE OF A METAL 'HOARD' IN SITU  
Scarci, Azzurra (Leibniz-Zentrum für Archäologie)
- 15:00 ISOLATED? IRON SEMI-PRODUCTS HOARDS IN CONTEXTS. THE CASE STUDY OF IRON SEMI-PRODUCTS HOARDS IN NORTH OF FRANCE  
Berranger, Marion (Institut de Recherches Sur Les Archéomatériaux-Lmc-CNRS-UMR7065) - Gauthier, Estelle (Laboratoire Chrono-Environnement-Ufc-UMR6249) - Filippini, Anne (EVEHA) - Mentele, Serge (Inrap)
- 15:15 BRONZE AGE HOARDS AROUND SALINS-LES-BAINS (JURA, FRANCE): A CONTEXTUAL STUDY OF IN SITU METAL FINDS  
Gauthier, Estelle (University of Franche-Comté; UMR CNRS 6249 Chrono-Environnement) - Piningre, Jean-François (UMR CNRS 6298 Artheis)
- 15:30 FLAT AXES FROM ESCALLES : AN UNUSUAL CONTEXT !  
Leroy-Langelin, Emmanuelle (Département du Pas-De-Calais) - Gandois, Henri (UMR 8215 Trajectoires) - Ghesquière, Emmanuel (Inrap Grand Ouest) - Marcigny, Cyril (Inrap Grand Ouest) - Riquier, Vincent (Inrap Grand Est)
- 15:45 DISCUSSION SLOT
- 16:30 OLD HOARDS, NEW STUDIES: CASE STUDIES FROM WIELKOPOLSKA (POLAND)  
Maciejewski, Marcin (Institute of Archaeology, Maria Curie-Skłodowska University, Lublin) - Banaszek, Łukasz (Historic Environment Scotland, Edinburgh) - Bednarek, Przemysła (Independent Researcher) - Krzepakowski, Marcin (Fundacja Relicta, Poznań)

- 16:45 HERTEFELD 7 (BRANDENBURG STATE, GERMANY) A HOLY SITE FOR METAL DEPOSITING AND SPECIAL TREATMENT OF THE DECEASED  
Franz, Schopper - Deborah, Schulz (Brandenburg State Authorities for Heritage Management, State Museum Archaeology)
- 17:00 RECONTEXTUALIZING BRONZE AGE AND FIRST IRON AGE HOARDS IN NORMANDY : DIVERSITY OF APPROACHES AND RESULTS  
Marcigny, Cyril (Inrap - National Institute for Preventive Archaeological Research) - Gandois, Henri (UMR Trajectoires) - Ghesquière, Emmanuel (Inrap)
- 17:15 'EVERYTHING IN ITS RIGHT PLACE' - SELECTIVE DEPOSITIONS IN BRONZE AGE SOUTHWEST SWEDEN  
Skoglund, Peter (Linnaeus University) - Nimura, Courtney (Ashmolean Museum, University of Oxford) - Horn, Christian (University of Gothenburg)
- 17:30 HOARDS WITH KNOWN FIND CONTEXTS FROM THE NORDIC LATE BRONZE AGE IN SWEDEN  
Sörman, Anna (Lara/Umr 6566 CREA AH, Nantes Université) - Ojala, Karin (Department of Archaeology and Ancient History, Uppsala University)
- 17:45 DISCUSSION SLOT

### 1188 PAST, PRESENT, AND FUTURE OF ARCHAEOETHANATOLOGY: A CRITICAL DISCUSSION ON THE STATE OF THE DISCIPLINE.

**Room:** 36=CU005-FL1-Gismondi II

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Tamorri, Veronica (Leiden University) - Noterman, Astrid (Department of Archaeology and Classical Studies, Stockholm University) - Fiorin, Elena (Sapienza University of Rome) - Törv, Mari (University of Tartu)

### ABSTRACTS

8:30 INTRODUCTION

8:45 DIGGING UP BONES, IN A HURRY: ARCHAEOETHANATOLOGY AND RESCUE ARCHAEOLOGY

Oudry, Sophie (Inrap - National Institute for Preventive Archaeological Research; UMR 7268 Ades; Umr 7367 Utml & Institut Médico-Légal

de Lille) - Mangier, Camille (Inrap - National Institute for Preventive Archaeological Research; UMR 5608 Traces)

9:00 REVISITING OLD EXCAVATIONS WITH AN ARCHAEOETHANATOLOGICAL APPROACH – BENEFITS & CHALLENGES

Malcherek, Anne (Nova Lisboa, FCSH; CRIA) - Rodrigues, Zélia (Nova Lisboa, FCSH; CRIA; Arqueologia e Património) - da Graça Pereira, Maria (Arqueologia e Património) - Fonseca, Jorge (Arqueologia e Património) - Fonseca, Vítor (Arqueologia e Património) - Alves Cardoso, Francisca (Nova Lisboa, FCSH; CRIA)

9:15 EXPLORING THE USE ARCHAEOETHANATOLOGY IN THE HOT CLIMATE OF THE EARLY EGYPTIAN NILE VALLEY: LIMITATIONS, ONGOING DEVELOPMENTS AND FUTURE RESEARCH.

Tamorri, Veronica (Leiden University)

9:30 BURIED IN A KIT: DISMANTLED AND INCOMPLETE FUNERARY BEDS IN EARLY MEDIEVAL ENGLAND

Noterman, Astrid (Stockholm University; Uppsala University)

9:45 BURYING THE DEAD: NEW INSIGHTS INTO FUNERARY PRACTICES IN MEDIEVAL AND EARLY MODERN VENETO, ITALY

Fiorin, Elena (Department of Oral and Maxillo Facial Sciences Sapienza University of Rome)

10:00 LET'S ADD A DIFFERENT APPROACH: THE RE-EXAMINATION OF THORIKOS' MORTUARY PRACTICES THROUGH ARCHAEOETHANATOLOGY

Patterson, Sydney - Docter, Roald - Lagia, Anna (Ghent University)

10:15 DISCUSSION SLOT

11:00 ARCHAEOETHANATOLOGICAL ASPECTS OF BURIAL PRACTICES AT YUZHNIY OLENIY OSTROV: INSIGHTS AND LIMITATIONS

Batanina, Olga (University of Helsinki)

11:15 ARCHAEOETHANATOLOGY AND FORENSIC ANTHROPOLOGY: SOME PRACTICAL EXAMPLES FROM LEGAL CASES TO HIGHLIGHT A VIRTUOUS INTERACTION BETWEEN THE TWO DISCIPLINES

Galassi, Francesco Maria (Department of Anthropology, Faculty of Biology and Environmental Protection, University of Lodz; FAPAB Research Centre, Avola) - Varotto, Elena (Archaeology, College of Humanities, Arts and Social Sciences, Flinders University, SA; FAPAB Research Centre, Avola)

11:30 NAVIGATING THE CADAVERIC ISLAND: INTEGRATING ARCHAEOETHANATOLOGY AND FORENSIC TAPHONOMY IN THE INTERPRETATION OF PALAEOLITHIC MORTUARY BEHAVIOURS

Randolph-Quinney, Patrick (Uppsala University)

11:45 DISCUSSION SLOT

12:00 DISCUSSION SLOT

12:30 DISCUSSION SLOT

**1192 CURATING ARCHAEOLOGY? HOW TO EXHIBIT THE PAST**

**Room:** 69=CU028-FL1-Aula 5

**Time:** 8:30 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Armstrong Oma, Kristin (University of Stavanger) - Nilsson, Per (The County Museum of Östergötland) - Ramberg, Linn (University of Stavanger)

**ABSTRACTS**

8:30 INTRODUCTION

8:45 STRUCTURING ARCHAEOLOGICAL COMMUNICATION: CONNECTING SCIENCE AND AUDIENCES AT THE NATIONAL MUSEUM OF ARCHAEOLOGY, LISBON

De Souza, Carine (Centre for Archaeology University of Lisbon - UNIARQ; Foundation for Science and Technology - FCT; National Museum of Archaeology, Lisbon - MNA) - Diniz, Mariana (Centre for Archaeology University of Lisbon - UNIARQ) - Neto, Filipa - Carvalho, António (National Museum of Archaeology, Lisbon - MNA)

9:00 TO MAKE ARCHAEOLOGICAL EXHIBITIONS - THE MEETING BETWEEN THE SCIENTIFIC SPECIALIST AND THE PUBLIC

Ramberg, Linn (Museum of Archaeology, UIS)

9:15 THE HISTORY OF BOHUSLÄN - FROM INSIDE THE HEAD OF AN ARCHAEOLOGIST INTO THE HANDS OF A DESIGNER

Toreld, Christina - Hansson, Pia (Bohusläns Museum)

9:30 EVIDENCE, SOURCE CRITICISM AND CREDIBILITY IN IMMERSIVE EXHIBITIONS

Westin, Jonathan - Almek, Gunnar (University of Gothenburg)



- 9:45 **AN EXPLORATION OF PRESENTATION REQUIREMENTS FOR ARCHAEOLOGICAL EXHIBITIONS WITH THE AIM OF SHAPING COGNITIVE SENSIBILITIES IN PREHISTORIC KNOWLEDGE**  
Bielinska-Majewska, Beata (District Museum in Torun, Department of Archaeology) - Majewski, Jakub (Kazimierz Wielki University, Bydgoszcz)
- 10:00 **FRACTURES AND REPAIRS: A CASE STUDY IN INTERDISCIPLINARY CURATORIAL PRACTICES**  
Armstrong, Felipe (Museo Chileno de Arte Precolombino; Universidad Alberto Hurtado) - Alvarado-Lincopi, Claudio (Museo Chileno de Arte Precolombino; Centro de Estudios Interculturales Indígenas)
- 10:15 **DISCUSSION SLOT**
- 11:00 **OUR WAY HERE. HOW CAN ARCHAEOLOGICAL PERSPECTIVES BECOME PART OF THE CURATORIAL PROCESS?**  
Nilsson, Per (The County Museum of Östergötland)
- 11:15 **EXHIBITION-MAKING AS AN INTERDISCIPLINARY EXERCISE: COMBINING ART, ARCHAEOLOGY AND DESIGN**  
Danielsen, Marte Moen - Armstrong-Oma, Kristin (University of Stavanger)
- 11:30 **GOLD OF THE GREAT STEPPE: REFLECTIONS ON CURATION, DESIGN, RESEARCH AND ENGAGEMENT FOR AN ARCHAEOLOGICAL LOAN EXHIBITION**  
Roberts, Rebecca - Amir, Saltanat (University of Cambridge)
- 11:45 **THE UNDERGROUND TURKU: 30 YEARS OF URBAN ARCHAEOLOGY EXHIBITIONS IN FINLAND**  
Aalto, Ilari (Aboa Vetus Ars Nova Museum; University of Turku)
- 12:00 **PEOPLING ANTIQUITY. COMICS IN EXHIBITION NARRATIVES**  
Chourmouziadi, Anastasia - Tourtas, Alex (University of the Aegean)
- 12:15 **IS THE MUSEUM A SAFE SPACE FOR THE DEAD? ANALYSIS OF HOW EXHIBITION CHOICES AFFECT OUR UNDERSTANDING OF HUMAN REMAINS**  
Crescenzi, Nicole (IMT School for Advanced Studies Lucca) - Nilsson Stutz, Liv (Linnaeus University)
- 12:30 **ETHNOGRAPHIC PERSPECTIVES ON ANATOMICAL SPECIMENS: CURATORIAL PRACTICES AND PUBLIC ENGAGEMENT AT THE MUSEUM MORGAGNI OF HUMAN ANATOMY (PADUA, ITALY)**  
Cusan, Alice (University of Aberdeen) - Magno, Giovanni (Morgagni Museum of Human Anatomy- University of Padua)
- 12:45 **DISCUSSION SLOT**

- 14:00 **CLIMATE STORIES: PAST EXPERIENCES, CURRENT CHALLENGES**  
Gundersen, Ingar (Department of Archaeology, Conservation, and History, University of Oslo)
- 14:15 **CURATING IN THE CLASSROOM: 'LOST AND FOUND: COLLECTING ANTIQUITY AT KENYON COLLEGE'**  
Kontes, Zoe (Kenyon College)
- 14:30 **MATERIAL CULTURE IN MOTION: THE TRANSFORMATIVE POWER OF ON-SITE ARCHAEOLOGICAL EXHIBITIONS**  
Fiano, Francesca Romana (University of Ferrara)
- 14:45 **NEW ARCHAEOLOGICAL EXHIBITIONS AT A TRAIN STATION**  
Paulsen, Charlotte (Museum Skanderborg)
- 15:00 **DISCUSSION SLOT**

8:30 - 11:00 - 14:00 - 16:30 -  
 10:30 13:00 16:00 18:30

Room 1 <b>CU003</b> EXT CISADU	<b>732.</b> Wetland Archaeology: Advances in Practice and Policy in the 21st Century	<b>1029.</b> Changing Perceptions on Tile, Brick, and Architectural Terracotta? New Results and Directions in Research
Room 2 <b>CU003</b> EXT Vetri	<b>799.</b> Elevating the Elders: (Re) Centring Older Adults in Bio-Archaeology	<b>1225.</b> General session
Room 3 <b>CU003</b> BAS Partenone	<b>95.</b> Second Millennium BCE Burial Practices in the Central and Eastern Mediterranean from an Interdisciplinary Perspective	
Room 4 <b>CU003</b> BAS Auletta	<b>369.</b> Animals in Bronze Age Europe: New Perspectives	<b>566.</b> Multiple Scales in the Manifestations of the Islamic
Room 5 <b>CU003</b> BAS Archeologia	<b>92.</b> Stable Isotope Analysis of Central and Eastern European Skeletal Remains	
Room 6 <b>CU003</b> FL1 Aula I	<b>470.</b> Bridging the Walls: Comparative Perspectives on Fortified Settlements	
Room 7 <b>CU003</b> FL1 Aula II	<b>627.</b> More than Fire: Investigating Pyre Technology in Experimental and Archaeological Cremations for Understanding the Burning Conditions	<b>950.</b> Trade in Metals from the Bronze Age till Early Modern Times between the Carpathian Basin and the Northern Adriatic
Room 8 <b>CU003</b> FL1 Aula III	<b>833.</b> Adriatic Bridge - Unraveling political, social, and cultural transformations in the Adriatic? Ionian, and Balkan region in the last millennium BC	<b>787.</b> Artists and Craftsmen. Multidisciplinary Approaches in the Analysis of the Production of Early Medieval Wall Paintings

..... SATURDAY 31 AUGUST .....

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 9 CU003 FL1 Aula IV	<b>484.</b> Archaeologies and Heritagizations of Historic and Contemporary Violence		<b>301.</b> What Is a Village? Collective Action, Settlement Patterns and Rural Communities	
Room 10 CU003 FL1 Aula V	<b>302.</b> Luxury - Standard - Poverty: Archaeology of Quality of Life in Medieval and Early Modern Towns		<b>644.</b> Mobility and Territoriality in Pre-Roman Italy: Routes, Objects, Ideas	
Room 11 CU003 FL1 Venturi	<b>472.</b> Archaeologies of Climate Change?: Current issues and future directions		<b>1154.</b> Stone Age Theory in an Undefined Paradigm: Gen-Y to Z, ThIRD Science Revolutions to New Materialisms	
Room 12 CU003 FL1 Toesca	<b>468.</b> The relationship between rural settlements and the territory during the Roman period and Late Antiquity.		<b>209.</b> Not Another Session on Ethnicity! Replacing Ethnic with Other Types of Group Identities	
Room 13 CU003 FL1 Nobile	<b>497.</b> Food Storage and Security in Prehistoric Europe		<b>452.</b> Coastal Technology among Stone Age Hunter-Gatherers and Early Agropastoral Communities	
Room 14 CU003 FL3 Simonetti	<b>76.</b> Exploring Sounds and Music in Archaeological Landscapes		<b>617.</b> From Lots of Data to Big Data: Strategies for Quality, Reusability, and Accessibility of Databases	
Room 15 CU003 FL3 Aula XXII	<b>661.</b> On Fire! Ancient Pyrotechnologies in Productive and Ritual Eastern Mediterranean and Near Eastern Contexts		<b>553.</b> Advancing Paleolithic Intra-Site Spatial Analysis: New Methods, Applications, and Interpretation	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 16 CU003 FL3 Chabod	<b>745.</b> Remote Sensing of the Changing Mediterranean, Middle East and North Africa Region		<b>704.</b> BioArChaeology of Ancient Pathogens	
Room 17 CU003 FL3 Romeo	<b>395.</b> Old Stories and New Data on Slavs. How to Interpret the Genetic, Linguistic and Subsistence Shifts in Early Medieval Europe?		<b>926.</b> Bridging Past and Present: Exploring Collaborative Approaches in Community and Citizen Archaeology	
Room 18 CU003 FL3 Morghen	<b>1094.</b> Performativity, Networks and Agency in Geometric Iconography. Towards an Aesthetics and Visual Language Archaeology		<b>597.</b> Migration and the Making of the Ancient Greek World	
Room 21 CU003 FL4 Aula C	<b>446.</b> The Grand Tour between Tradition and Transformation: Narratives, Presentations, and Representations		<b>37.</b> Landscapes of Sustainability: Resource Exploitation in the Mediterranean	
Room 22 CU003 FL5 Pirrotta	<b>1173.</b> Gender and Economies in Transition in the 1st Millennium BC Mediterranean		<b>870.</b> Prestige and Luxury Goods: A Material Approach to Gift Giving as a Tool for De-Escalation	
Room 83 CU002 FLG Aula T01	<b>13.</b> Amphibious Archaeology, Waterscapes, and Fluidity			
Room 24 CU002 FL1 Lauree	<b>595.</b> The Living Heritage: Archaeological Cultural Routes in the Context of Cultural Tourism Networks		<b>904.</b> Mobility, movement and interaction in the ancient world: New Avenues of Interpretation	
Room 25 CU002 FL1 Aula V	<b>505.</b> Ethnographies of Makers and Making: Traditional Craft and Technology in Contemporary Societies			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 26 CU002 FL1 Aula VI	<b>802.</b> From Prehistory to Post-medieval Times: Persistence and Change in Artisanal Production across the Mediterranean		<b>1193.</b> A Liquid Continent. Linking Seascapes, Social Power and Ecology in the Mediterranean	
Room 27 CU002 FL1 Aula VII	<b>727.</b> The Roman Economic Mosaic: Exploring the Complexity of Economic Dynamics during the Roman Empire			
Room 28 CU002 FL1 Aula VIII	<b>988.</b> Through the Lens of Pottery: Technologies in Times of Change in Prehistoric Mediterranean Basin			
Room 29 CU002 FL1 Aula IX	<b>1078.</b> Women at Archeological Conferences from the 19th Century to the Late 1990s: Presence, Representation and Experiences	<b>438.</b> In spe resurrectionis. The multidisciplinary approach to crypt burials in early Modern Europe		
Room 30 CU002 FL1 Aula 101	<b>493.</b> Animals mediating the real and imaginary: In Search for New Understandings of Human-Animal Relationships			
Room 31 CU002 FLG Aula C	<b>406.</b> Doing Good with Archaeology?: Social Sustainability and Activistic Practices to Transform People's Lives and Support Flourishing Communities			
Room 32 CU002 FLG Aula D	<b>1184.</b> Archaeology Against Rural Abandonment: Rethinking Medieval and	<b>1081.</b> Exploring Wetland Settlements: Archaeological Research Methodologies and Empirical Insights		

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 77 CU002 FLG Aula XIII Massimo D'Antona	<b>811.</b> Bridging the Wall between Prehistory and the Present: Communication and Inclusiveness in the Realms of Science, Heritage and Education			
Room 78 CU002 FL2 Aula 201	<b>871.</b> Not Just Wear: The Synergy of Trace Analysis with Other Disciplines and Non-Invasive Techniques in Archaeology			
Room 79 CU002 FL3 Aula 301	<b>426.</b> When Geophysics meets Archaeology: examples from Cultural Heritage to Rescue Archaeology			
Room 80 CU002 FL3 Aula 302	<b>557.</b> New Frontiers in Stable Isotope Research of BioArchaeological Remains: Progress and Pitfalls Part 2	<b>1111.</b> Non-invasive archaeology: integrating satellite, UAV, and geophysics with traditional field methodologies Part 2		
Room 34 CU005 FL1 Lucchesi	<b>517.</b> BC_Before Church. Cult Buildings in Ancient Mediterranean Europe. Session 2: Hut - Temple - Church (Xth BC - IIR-D-IVth AD)	<b>1159.</b> BC_Before Church. Cult buildings in Ancient Mediterranean Europe. Session 1. Beyond the Threshold: "Indoor" Cult-Places in Mediterranean Europe		
Room 35 CU005 FL1 Gismondi I	<b>646.</b> Exploring Traumatic Injuries Leading to Disability in the Pre-antibiotic Era: A Multidisciplinary Approach	<b>538.</b> Contacts, Migrations in the Viking Age: Maritime Aspects of the Norse Expansion into the North Atlantic	<b>616.</b> Whose Heritage? Migration and Heritage: Problem or Opportunity?	
Room 36 CU005 FL1 Gismondi II	<b>88.</b> Colonizing the New World: The Impact of Roman Imperialism across the Atlantic	<b>542.</b> Medieval Sensorium: Exploring the Archaeology of the Senses		

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 37 CU005 FL2 Ponzi I	<b>1091.</b> Archaeology and Nature Management: Friend or Foe? How Archaeological Heritage Is Dealt with in Nature Conservation Context		<b>559.</b> The Mediterranean(s) in Transition: Global Permanence(s), Material Culture(s), and Resilience between 5th and 10th Century AD	
Room 38 CU005 FL2 Ponzi II	<b>975.</b> Baskets and Their Belongings: Archaeobotany and Conservation of Vegetal Basketry Objects and Their Vegetal Content		<b>1138.</b> The Anti-HABI Toolkit: 2nd Workshop on Solutions and Measures for Preventing and Addressing Harassment, Assault, Bullying and Intimidation in Archaeology	
Room 42 CU005 BAS Aula 3	<b>398.</b> What Do Animal Bones Have to Offer? Zooarchaeology and Taphonomy during the Middle to Upper Palaeolithic Transition in Southern Europe		<b>514.</b> Applying Archaeological Research Software Engineering as Little Minions: Statistical & Computational Approaches to Daily Archaeological Tasks	
Room 43 CU013 FL1 Careri	<b>929.</b> 'What Is the Village'? Regional Comparison of Early European and Near Eastern Prehistoric Villages		<b>549.</b> Interdisciplinary Approaches to the Middle Palaeolithic Record of the Balkan Peninsula	
Room 45 CU013 FL1 Conversi	<b>1157.</b> Theoretical and Methodological Definition of the 'Archaeological Potential' in Preventive Archaeology. Challenges and Opportunities		<b>1146.</b> Discovering the Archaeologists of Europe, 10 Years Later	
Room 46 CU013 FL2 Rasetti	<b>654.</b> Centring the object: between production and consumption in ceramic studies		<b>923.</b> Metals and Metalworking I: Compositions and Origin	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 48 CU006 FLG Aula C		<b>430.</b> Current Trends and Future Directions in Quarries and Rock-cut Sites Studies: Theory, Method and Dissemination		<b>499.</b> Neutrons and Synchrotrons in Heritage Science: New Methods, Techniques, and Their Impact on Archaeology
Room 49 CU006 FLG Aula B	<b>882.</b> Synthesis, Facilitator or Hindrance: Should Synthesis Be Part of Commercial Archaeology or Left to the Academics?	<b>1021.</b> EAA Community for Climate Change and Heritage (CCH) Roundtable		<b>1033.</b> Choosing the Right Cup for the Job: Functional and Non-Functional Consumption Habits
Room 50 CU006 FLG Aula I	<b>794.</b> Old Excavations and Finds, New Data and Interpretations: The Use of Archives in Current Archaeological Research Projects			
Room 51 CU006 FLG Aula II	<b>915.</b> 3D Heritage. Digital Humanities for Documentation, Analysis, and Dissemination of Material Culture			
Room 55 CU033 FL2 Mortara	<b>330.</b> Textile Records: Past, Present and Future of Textile-Related Artefacts Recording in the Mediterranean and beyond			
Room 56 CU033 FL2 Baroni	<b>33.</b> Earthen Architecture and Its Environmental Dimension, from the Past to the Future			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 57 CU033 FL4 Aula 6	<b>860.</b> Going with the Flow: The Many Facets of Glass in Past Societies			
Room 58 CU033 FL4 Aula 7	<b>699.</b> Tracing Ovicaprine Lives: BioArChaeological Perspectives on Sheep and Goat Husbandry			
Room 60 CU022 EXT Serra	<b>930.</b> Barbarians at the Gate or Behind the Gates? The Collision of the Material Cultures of the Invader and the Invaded	<b>927.</b> Reflecting History in Architecture and Vernacular Design? Directing Sustainable Futures	<b>1090.</b> Archaeobotanical Heritage: Collect, Preserve, Show, Share!	<b>1056.</b> Telling the Stories of Others? Ethics, Epistemology, and Practices in Archaeological Discourses
Room 61 CU022 EXT Aula D	<b>737.</b> Computational Landscapes: Debating Fundamental Issues of Archaeological Narratives	<b>1088.</b> Persistent Interpretations and Continual Changes. New Theories and Alternative Approaches toward Interdisciplinary Narratives of the Past	<b>1155.</b> Down Memory Lane. Recurrences in Transforming Landscapes	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 62 CU022 EXT Aula E	<b>965.</b> In-Situ Sensing of (Geo-) Archaeological Soil and Sediment Archives: Emerging Methodologies and Applications		<b>957.</b> Destroyed, Submerged, and Unreachable: The Challenging Interpretation of Human Strategies across Lost Landscapes	<b>1208.</b> "Building Bridges: Advancing Archaeological Heritage and Tourism Management". Organized by the Community on the Management of Archaeological Heritage and Tourism
Room 63 CU022 FLG Montalenti	<b>842.</b> Continuity in Change: Environmental, Cultural, Social and Material Evolution in Ancient Arabia			
Room 64 CU022 FLG Aula C	<b>600.</b> Churches as Resources for Society? Co-Creating Knowledge and Capturing Social Value	<b>893.</b> Professional Archaeology in Europe: The State of the Issue	<b>498.</b> Refuse in Context: Archaeology of Waste Management Practices in Ancient Mediterranean Urban Settings	<b>544.</b> New Directions for Metric and Nonmetric Biodistance Analysis in Europe and Beyond
Room 65 CU022 FLG Giacomini	<b>676.</b> Pots in Transition: Resilience, Change, and Revival in Central Asia and Its Neighbourhood from the Perspective of Ceramics Research			

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 66 CU028 FL1 Bettolo	<b>1095.</b> Scale Matters. The Complexity of Reconstructing Past Human-Environment Interactions	<b>1163.</b> Coping with Conflicts. Investigating Deescalation Strategies in Pre- and Early-State Communities	<b>192.</b> Frontiers of Heritage: Cultural Landscapes, Community Interactions, and Methodological Approaches	<b>1022.</b> Rethinking Ancient Mediterranean Incarceration and Exile
Room 67 CU028 FLG Aula	<b>1065.</b> Advances in the Study of Ancient Pottery: Bringing Social Archaeology and Digital Archaeology Together			
Room 68 CU028 FLG Aula 2	<b>1103.</b> Embodied Identities: Unraveling Symbolic Threads through Ornaments, Garments, and Portable Objects			
Room 69 CU028 FL1 Aula 5	<b>588.</b> Studies of Migration Period and Early Medieval Populations: Integrating Natural Sciences and Humanities			
Room 70 CU028 FL1 Aula 3	<b>803.</b> Dynamics of Ownership and Transformation of Urban Spaces in the Roman Era	<b>729.</b> Recent Advances in Documenting the Archaeology of Caves and Their Environments		
Room 101 CNR01 BAS Convegna	<b>835.</b> The Horse in Archaeology: An Interdisciplinary Approach for Uncovering Relations between Horse and Humans in the Past			
Room 102 CNR01 FLG Biblioteca	<b>409.</b> Out across the Sea: Bell Beaker Maritime Connections and Networks in the Mediterranean		<b>886.</b> The Archaeology of Mass Graves: New Approaches	

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Room 103 CNR01 FL1 Marconi	<b>1151.</b> Time for Big Changes: transformative and persistent impulses in the 4th and 3rd millennia BC Europe		<b>710.</b> Around the Black Sea: Resilience and Mobility in Prehistory	<b>932.</b> Continuity and Change in the Wagons and Chariots of Later Prehistoric Europe and Eurasia

**13 AMPHIBIOUS ARCHAEOLOGY, WATERSCAPES, AND FLUIDITY****Room:** 83=CU002 FLG Aula T01**Time:** 8:30 - 16:00**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps**Format:** Regular session**Organisers:** Nabais, Mariana (Iphes) - Crutcher, Megan (Texas A&M University) - Casimiro, Tânia (Nova University of Lisbon) - Gabriel, Sónia (Biopolis-CIBIO-INBIO)**ABSTRACTS**

- 8:30 **BIRDS EXPLOITATION IN EEMIAN WETLANDS OF NORTHERN FRANCE**  
Lebreton, Loic - López-García, Juan Manuel (Institut Català de Paleocologia Humana i Evolució Social - IPHES-CERCA) - Antoine, Pierre (UMR 8591 CNRS-Univ. Paris I-UPEC, Laboratoire de Géographie Physique, Environnements Quaternaires et Actuels) - Auguste, Patrick (CNRS, Univ. Lille UMR 8198 - Evo-Eco-Paléo) - Deschodt, Laurent (UMR 8591 CNRS-Univ. Paris I-Upec, Laboratoire de Géographie Physique, Environnements Quaternaires et Actuels; Inrap, Institut National de Recherches Archéologiques Préventives) - Locht, Jean-Luc (UMR 8591 CNRS-Univ. Paris I-Upec, Laboratoire de Géographie Physique, Environnements Quaternaires et Actuels; Inrap, Institut National de Recherches Archéologiques Préventives, Nord-Picardie) - Hérisson, David (CNRS-UMR 7041 Arscan, Équipe Antet, MSH Mondes)
- 8:45 **ABOVE AND BELOW THE WATER LINE: AMPHIBIOUS APPROACHES TO ARCHAEOLOGY IN THE NORTH AMERICAN GREAT LAKES**  
Lemke, Ashley (University of Wisconsin Milwaukee; Advisory Council On Underwater Archaeology)
- 9:00 **REVIEW AND PROSPECTS ON THE NEOLITHIC PILE DWELLINGS RESEARCH IN SAVOIE ALPINE LAKES (FRANCE)**  
Brigand, Robin (Département des Recherches Subaquatiques et Sous-Matines, Ministère de la Culture; UMR 8215, Lab. Trajectoires, Paris) - Gorin, Camille (Service Régional de l'Archéologie, Ministère de la Culture, Lyon; UMR 7041, Lab. Arscan)
- 9:15 **DISCUSSION SLOT**

- 9:30 **SKIN BOATS IN THE BALTIC SEA? EVALUATING THE MARITIME MOBILITY OF THE PITTED WARE CULTURE**  
Fauvelle, Mikael (Lund University) - Horn, Christian - Alvå, Jacob - Artursson, Magnus (University of Gothenburg)
- 9:45 **CONNECTING FARMERS AND FISHERS: EXAMINING POTENTIAL INTERACTIONS BETWEEN COASTAL AND INLAND LAND USE IN MIDDLE BRONZE AGE SOUTH-EAST IRELAND**  
Spillane, Ben (University College Cork) - Howle Outlaw, Carolyn (Mizen Archaeology)
- 10:00 **DISCUSSION SLOT**
- 10:15 **DISCUSSION SLOT**
- 11:00 **LOST WAX? USING ANCIENT GREEK WARSHIP BRONZE RAMS TO INFER THE EXTENT OF THE BEESWAX INDUSTRY IN THE ANCIENT MEDITERRANEAN**  
Zak, Claire (Texas A&M University)
- 11:15 **WATER AS LEGAL MATTER? AN EXAMPLE FROM THE EARLY MEDIEVAL LAKEBUILDING CALLED THE BULWARK ON GOTLAND**  
Dagnan, Peter (Lund University)
- 11:30 **THE KRAO COAST HERITAGE INITIATIVE: DOING COASTAL ARCHAEOLOGY IN SOUTHEASTERN LIBERIA**  
Crutcher, Megan (Texas A&M University) - Kondeh, Prince (Independent Scholar; Indiana Wesleyan University)
- 11:45 **DISCUSSION SLOT**
- 12:00 **OUT OF THE BLUE: REVALUATING PILGRIMAGE FROM A MARITIME PERSPECTIVE IN THE EARLY MEDIEVAL PERIOD ACROSS THE IRISH SEA**  
Machin, Joanne (University of the Highlands and Islands)
- 12:15 **THINGS UNMOORED: AQUATIC ITINERARIES AND WATERY ENTANGLEMENTS IN SMALL-ISLAND SEASCAPES OF THE EARLY MODERN CARIBBEAN**  
Antczak, Konrad (Universitat Pompeu Fabra; Unidad de Estudios Arqueológicos, Universidad Simón Bolívar)
- 12:30 **HUMAN-OCEAN INTERACTIONS PAST, PRESENT AND FUTURE: A TRANSDISCIPLINARY APPROACH**  
Mooney, Dawn Elise (Museum of Archaeology, University of Stavanger)
- 12:45 **DISCUSSION SLOT**



- 14:00 COASTAL SHORELINE CHANGE OF AN ANCIENT HUMAN SETTLEMENT ON THE GULF OF MEXICO: A CASE STUDY OF ISLA PIEDRA  
Inurreta Diaz, Armando (Texas A&M University)
- 14:15 VULNERABILITY OF UNDERWATER ARCHAEOLOGICAL SITES COPING WITH CLIMATE CHANGE: THE WATERISKULT PROJECT  
Germinario, Luigi - Mazzoli, Claudio (University of Padova)
- 14:30 HIDDEN RIVERS: EXPLORING FLOWSCAPES THROUGH REMOTE SENSING TECHNOLOGY  
Gustavsen, Lars (The Norwegian Institute for Cultural Heritage Research)
- 14:45 UNDERWATER REALMS. PLACE-MAKING UNDER THE SEA IN THE BRONZE AND IRON AGE MEDITERRANEAN  
Yamasaki, Mari (PCMA - University of Warsaw)
- 15:00 DISCUSSION SLOT

### 33 EARTHEN ARCHITECTURE AND ITS ENVIRONMENTAL DIMENSION, FROM THE PAST TO THE FUTURE

**Room:** 56=CU033-FL2-Baroni

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Pastor Quiles, María (University of Alicante) - Antolín, Ferran (Dai; University of Basel)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 DIACHRONIC APPROACH TO LATE PREHISTORY EARTH BUILDING RECIPES IN SOUTHEASTERN IBERIAN PENINSULA: A MILLENNARY TRADITION OF SUSTAINABLE ARCHITECTURAL PRACTICES  
Pastor Quiles, María (University of Alicante; Catalan Institute for Classical Archaeology) - Mateu Sagués, Marta (Catalan Institute for Classical Archaeology) - Jover Maestre, Francisco Javier - García Atiénzar, Gabriel (University of Alicante) - López Padilla, Juan Antonio (Museo Arqueológico Provincial de Alicante) - Lorrío Alvarado, Alberto J. - Busquier Corbí, José David (Abydos Arqueológica S. L) - Hernández Pérez, Mauro S. (University of Alicante)

- 9:00 EARTHEN ARCHITECTURE, ENVIRONMENT AND TASKSCAPES IN NEOLITHIC NORTHWESTERN GREECE  
Kloukinas, Dimitris (Numismatic Museum Athens)
- 9:15 EARTHEN LONG-BARROWS CEMETERY AT SŁONOWICE, SOUTHERN POLAND - MONUMENTAL TOMBS ON THE EASTERN FLANK OF THE TERRITORY OF MEGALITHIC IDEA  
Tunia, Krzysztof (Polish Academy of Sciences, Institute of Archaeology and Ethnology)
- 9:30 TELL-TYPE SETTLEMENTS FROM MUNTENIA AND DOBROGEA (SOUTHEASTERN ROMANIA): RAW MATERIALS, FORMATION PROCESSES, AND THEIR LANDSCAPE  
Haïta, Constantin (Muzeul National de Istorie a Romaniei)
- 9:45 NEOLITHIC VINČA-BELO BRDO BUILDING ACTIVITIES  
Penezic, Kristina (Biosense Institute, University of Novi Sad)
- 10:00 EARTHEN HERITAGE IN THE EASTERN MEDITERRANEAN BETWEEN ARCHAEOLOGY AND SUSTAINABILITY (EARTHHERITAGE PROJECT)  
Bombardieri, Luca (Università di Siena) - Amadio, Marialucia (University of Ghent) - Ghislandi, Sabina - Rellini, Ivano (University of Genova)
- 10:15 DISCUSSION SLOT
- 11:00 TOWARDS SUSTAINABLE CONSERVATION: 'PHYSICAL' CHALLENGES FOR VULNERABLE EARTHEN HERITAGE  
Mammana, Rachele (Sapienza University of Rome) - Laneri, Nicola - Gueli, Anna (University of Catania) - Carafa, Paolo (Sapienza University of Rome)
- 11:15 NEW SETTLERS IN NEW FASHION: MUDBRICK ARCHITECTURE AND ITS SOCIO-ENVIRONMENTAL CHALLENGES IN PHOENICIAN EIVISSA  
Cutillas-Victoria, Benjamin (Institute of Nanoscience and Nanotechnology, NCSR Demokritos; Universidad de Murcia) - Lorenzon, Marta (University of Helsinki) - Esquembre Bebia, Marco Aurelio - Sanz Kite, Bernia (Arpa Patrimonio SI) - Ramon Torres, Joan (Consell Insular d'Eivissa)
- 11:30 UNEARTHING WALLS AND EMPIRES: A GEOARCHAEOLOGICAL EXPLORATION OF ARTASHAT/ARTAXATA, ARMENIA  
Holmqvist-Sipilä, Elisabeth - Lorenzon, Marta (University of Helsinki) - Cutillas-Victoria, Benjamin (NCSR Demokritos) - Myrsini, Gkouma (M.H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Vrydaghs, Luc (Vrije Universiteit Brussel, Department of Art Studies and Archaeology) - Lichen-

- berger, Achim - Schreiber, Torben (University of Münster) - Zardaryan, Mkrtich (National Academy of Sciences of Armenia)
- 11:45 **BOTANICAL BLUEPRINTS: A CHRONOLOGICAL EXAMINATION AND METHODOLOGICAL ASSESSMENT OF MUDBRICKS FROM ELEPHANTINE ISLAND, EGYPT**  
Izak, Jessica (Dai Berlin) - Antolin, Ferran (Dai Berlin)
- 12:00 **WALLS MADE FROM EARTH ...EXPERIENCES FROM A ROMAN PERIOD RAMMED EARTH RECONSTRUCTION PROJECT AT XANTEN, GERMANY**  
Kienzle, Peter (LVR-Archaeological Park Xanten)
- 12:15 **ANCIENT AND MODERN EARTHEN ARCHITECTURE COHABITING IN THE THEBAN NECROPOLIS (LUXOR, EGYPT): PLACING CUPBOARDS, BIRDHOUSES, AND SILOS IN PHARAONIC TOMBS**  
Oliveira, Ana (American University in Cairo)
- 12:30 **A COMPARATIVE APPROACH TO CONSERVATION AND RESTORATION ANALYSIS OF ARCHAEOLOGICAL EARTHEN ARCHITECTURE IN WESTERN ASIA USING ENVIRONMENTAL AND CLIMATIC DATA**  
Volpi, Luca (Universidad Autónoma de Madrid) - Lanzaro, Nicola (Sapienza Università di Roma)
- 12:45 **DISCUSSION SLOT**

### 37 **LANDSCAPES OF SUSTAINABILITY: RESOURCE EXPLOITATION IN THE MEDITERRANEAN**

- Room:** 21=CU003-FL4-Aula C  
**Time:** 14:00 - 18:30  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Regular session  
**Organisers:** Nixon, Lucia (Wolfson College, Oxford) - Koparal, Elif (MIMar Sinan Güzel Sanatlar Üniversitesi)

#### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **ENVIRONMENTAL IMPACT ON PLEISTOCENE CRETE: FAUNAL TURNOVER AND RESOURCES IN AN ISLAND ECOSYSTEM**  
Strasser, Thomas (Providence College)

- 14:30 **AUTUMN LAMBING IN THE MEDITERRANEAN: THE ANCIENT HISTORY OF A SUSTAINABLE PRACTICE**  
Balasse, Marie (AASPE CNRS MNHN Paris) - Gutierrez, Eléa (AASPE CNRS MNHN Paris) - Sierra, Alejandro (Departament de Prehistoria, Universitat Autònoma de Barcelona) - Pignaut, Pierre (AASPE CNRS MNHN Paris) - Gourichon, Lionel (CEPAM CNRS, Université Côte d'Azur) - Bréhard, Stéphanie (AASPE CNRS MNHN Paris) - Alhaique, Francesca (Servizio di BioArcheologia, Museo Delle Civiltà) - Fidanoska, Aneta (Archaeological Museum of Republic of North Macedonia) - Balasescu, Adrian (Romanian Academy · Institute of Archaeology)
- 14:45 **UNVEILING SUSTAINABLE FARMING STRATEGIES IN THE LATE BRONZE AGE ARGIVE PLAIN, GREECE: A CRITIQUE AND APPLICATION OF CARRYING CAPACITY ANALYSIS**  
Timonen, Riia (Leiden University)
- 15:00 **UNRAVELING MULTIFACETED RESOURCE MANAGEMENT: INVESTIGATING DRY STONE WALL SYSTEMS IN MEDITERRANEAN CROATIA**  
Fera, Martin (VIAS - Vienna Institute for Archaeological Science, University of Vienna) - Doneus, Michael (Department of Prehistoric and Historical Archaeology, University of Vienna) - Doneus, Nives (VIAS - Vienna Institute for Archaeological Science, University of Vienna)
- 15:15 **LIVING OFF/WITH THE LANDSCAPE IN THE HINTERLANDS OF ATHENS: INSIGHTS FROM THE KOTRONI ARCHAEOLOGICAL SURVEY PROJECT (KASP) AT ANCIENT APHIDNA**  
KinnalRD, Tim (University of St Andrews) - Dakouri-Hild, Anastasia (University of Virginia) - Davis, Stephen (University College Dublin) - Andrikou, Eleni (Ephorate of Antiquities of East Attica)
- 15:30 **DISCUSSION SLOT**
- 15:45 **DISCUSSION SLOT**
- 16:30 **SUSTAINABLE AGRICULTURAL PRACTICES IN THE IONIAN CHORA: RURAL SETTLEMENT PATTERNS AND TERRACE FARMING**  
Koparal, Elif (MIMar Sinan Fine Arts University)
- 16:45 **LANDSCAPE ARCHAEOLOGY AND SUSTAINABILITY IN GRAECO-ROMAN SPHAKIA, SOUTHWEST CRETE**  
Nixon, Lucia (Wolfson College, Oxford)

- 17:00 HOW TO HYDRATE (IN) AN ANCIENT METROPOLIS: RESOURCE EXPLOITATION FOR SUSTAINABLE WATER SUPPLY IN PERGAMON  
Korkut, Y. Berslan (Department of Archaeology and History of Art, Koç University) - Becker, Fabian (Department of Earth Sciences, Institute of Geographical Sciences, Freie Universität Berlin)
- 17:15 ENGINEERING SUSTAINABILITY: ROMAN DAMS AND WATER MANAGEMENT IN THE MEDITERRANEAN AGRICULTURAL ECONOMY  
Sökmen Adali, Emine (Social Sciences University of Ankara)
- 17:30 FADING CITIES. HYDRAULIC INSTALLATIONS IN LATE ANTIQUE AND EARLY BYZANTINE POMPEIOPOLIS  
Tatbul, Mustafa (Bartın University) - Brizzi, Massimo (Durham University) - Ricci, Giovanni (Cooperativa Archeologia, Italia)
- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

## 76 EXPLORING SOUNDS AND MUSIC IN ARCHAEOLOGICAL LANDSCAPES

**Room:** 14=CU003-FL3-Simonetti

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Díaz-Andreu, Margarita (ICREA; Departament de Història i Arqueologia, Universitat de Barcelona - UB; Institut D'Arqueologia IAUB) - Dordevic, Zorana (Departament de Història i Arqueologia, Universitat de Barcelona - UB; Institut D'Arqueologia IAUB) - Kopij, Kamil (Instytut Archeologii, Jagiellonian University) - Kumbani, Joshua (Departament de Història i Arqueologia, Universitat de Barcelona - UB; Institut D'Arqueologia IAUB)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 THE SONG OF LOA. REFLECTIONS ON SOUNDSCAPE INFLUENCE IN ROCK ART OF LOA MEDIO.  
Candela, Jose (University of Chile)

- 9:00 BEYOND THE MOVE: A SYSTEMATIC ANALYSIS OF DANCE SCENES IN THE ROCK ART OF ZIMBABWE AND SOUTH AFRICA  
Kumbani, Joshua (Institut d'Arqueologia UB IAUB, Universitat de Barcelona; Departament de Història i Arqueologia, Universitat de Barcelona) - Díaz-Andreu, Margarita (Institut Catalana de Recerca i Estudis Avançats - ICREA; Institut d'Arqueologia UB IAUB, Universitat de Barcelona; Departament de Història i Arqueologia, Universitat de Barcelona)
- 9:15 ETHNOARCHAEOLOGY AND ARCHAEOACOUSTICS: SEVEN CUP-MARKED SOUNDING ROCK SITES IN THE HIGHLANDS NORTH TO THE GREDOS MOUNTAIN RANGE, SPAIN.  
Jiménez Pasalodos, Raquel (Universidad de Valladolid)
- 9:30 CLAY - SHAPE - SOUND, WHAT'S SO RATTLING? NEW RESEARCH PERSPECTIVES ON CERAMIC RATTLES FROM PRESENT-DAY POLAND  
Taton, Katarzyna (Doctoral School of the University of Rzeszów)
- 9:45 THE MANY SOUNDSCAPES OF EFLATUNPINAR HITTITE OPEN AIR SANCTUARY  
Erbil, Yigit (Hacettepe University) - Ünlü, Elif (Boğaziçi University) - Bolat, Senem (Izmir Yüksek Teknoloji Enstitüsü)
- 10:00 EXAUDISSIMI LOCI: FROM WHICH ROSTRA IN ROME COULD THE SPEAKER BE BEST HEARD?  
Kopij, Kamil (Institute of Archaeology Jagiellonian University) - Pilch, Adam (AGH University of Krakow) - Drab, Monika - Popławski, Szymon (Wrocław University of Science and Technology)
- 10:15 DISCUSSION SLOT
- 11:00 DEEP LISTENING TO THE RUINS  
Nissin, Laura (Tampere University) - Tiekso, Tanja (University of Helsinki)
- 11:15 REPORT OF ARCHAEOACOUSTIC AND ANTHROPOLOGICAL STUDY OF THE ROTUNDA IN BÉNY (2016-2021)  
Lovász, Irén (Károli Gáspár University of the Reformed Church in Hungary)
- 11:30 EXPLORING THE MONASTIC SOUNDSCAPES IN MEDIEVAL CATALONIA: PRELIMINARY RESULTS  
Dordevic, Zorana - Costa Badia, Xavier - Alvarez Morales, Lidia (University of Barcelona)

- 11:45 INVESTIGATING NEW SOUNDS FROM A RECREATED MEDIEVAL ORGAN WITH PAIRS OF CONICAL PIPES  
Chinaglia, Walter (Centre International de Musiques Médiévales-CIMM; Centre for Cultural Heritage Studies, University of Insubria)
- 12:00 PRECOLONIAL URBAN SOUNDSCAPES IN ISLAMIC EAST AFRICA  
Baumanova, Monika (University of West Bohemia)
- 12:15 RE-CREATING THE SOUNDSCAPE IN A WORLD WAR 2 CONCRETE BUNKER  
Mølgaard, Martin (Museum Skanderborg)
- 12:30 THE PAST HAS EARS: REFLECTIONS ON OVER 10 YEARS OF INTERDISCIPLINARY RESEARCH IN ARCHAEOACOUSTICS  
Katz, Brian (Sorbonne Université / CNRS / Institute d'Alembert)
- 12:45 DISCUSSION SLOT

## 88 COLONIZING THE NEW WORLD: THE IMPACT OF ROMAN IMPERIALISM ACROSS THE ATLANTIC

- Room:** 36=CU005-FL1-Gismondi II  
**Time:** 8:30 - 13:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Hanscam, Emily (Linnaeus University) - Hingley, Richard (Durham University)

### ABSTRACTS

- 8:30 EARLY ENCOUNTERS IN VIRGINIA: ANCIENT BRITAIN AND NATIVE AMERICANS  
Hingley, Richard (Dept. of Archaeology, University of Durham)
- 8:45 COLONY OR PLANTATION?: THE CLASSICAL SPATIAL LEXICON OF THE EARLY ENGLISH EMPIRE  
Musselwhite, Paul (Dartmouth College)
- 9:00 COLONISATION OF THE NORTH AMERICAN FRONTIER IN THE MIDDLE OF THE 19TH CENTURY AND AGRARIAN REFORM IN REPUBLICAN ROME  
Compatangelo-Soussignan, Rita (University of Le Mans; Centre de Recherche En Archéologie, Archéosciences, Histoire, UMR 6566)
- 9:15 DISCUSSION SLOT
- 9:30 THE ROMAN STOICISM OF IMPERIAL NEW ENGLAND, 1830-1860  
Drake, Spencer (University of Cambridge)

- 9:45 EMPRESS TERESA CRISTINA AND CLASSICAL ARCHAEOLOGY IN BRAZIL: MODERN AND ANCIENT EMPIRE IN SOUTH AMERICA  
Garraffoni, Renata (Federal University of Parana)
- 10:00 FROM ARBEIA TO THE ALAMO AND BACK: COLONIAL FRONTIERS IN ROMAN EUROPE AND SPANISH AMERICA  
Gardner, Andrew (UCL Institute of Archaeology)
- 10:15 DISCUSSION SLOT
- 10:15 TALL TALES AND TELEOLOGY: ROMAN ANALOGY AND THE WINNING OF THE WEST.  
Kitching, Paul (Durham University)
- 11:00 HOW DO I CROSS THIS HIGHWAY? OR, ASSEMBLAGE THEORY AND ROMAN URBAN DESIGN IN SMALL-TOWN TEXAS  
Van Dyke, Ruth (Binghamton University - Suny)
- 11:15 'BUILD THE WALL': ROMAN FRONTIERS AS IDEOLOGICAL NARRATIVES IN THE CONTEMPORARY UNITED STATES  
Hanscam, Emily (Linnaeus University)
- 11:30 DISCUSSION SLOT

## 92 STABLE ISOTOPE ANALYSIS OF CENTRAL AND EASTERN EUROPEAN SKELETAL REMAINS

- Room:** 5=CU003-BAS-Archeologia  
**Time:** 8:30 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Gugora, Ariana (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hun-REN) - Somogyvári-Lajtár, Enikő (Institute of Archaeological Sciences, Eötvös Loránd University; Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hun-REN) - Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 NEOLITHIC LAKE SHORE SETTLEMENT ARCHAEOLOGY MEETS ISOTOPIC ARCHAEOLOGY  
Turck, Rouven (University of Zurich)

- 9:00 **SOME WEANING PATTERNS IN LATE NEOLITHIC POPULATION OF LATVIAN TERRITORY**  
Batraga, Anna (Institute of Latvian History, University of Latvia) - Czermak, Andrea (School of Archaeology, University of Oxford) - (School of Archaeology, University of Oxford) - Schulting, Rick (School of Archaeology, University of Oxford) - Zariņa, Gunita (Institute of Latvian History, University of Latvia)
- 9:15 **THE DIETARY PRACTICES OF HUMAN COMMUNITIES AT SITE 3 IN MIECHÓW (SOUTHERN POLAND) FROM THE NEOLITHIC TO THE IRON AGE**  
Nowak, Marek (Institute of Archaeology, Jagiellonian University in Kraków) - Mnich, Barbara (Institute of Zoology and Biomedical Research, Jagiellonian University in Kraków) - Szostek, Krzysztof (Institute of Biological Sciences, Cardinal Stefan Wyszyński University in Warsaw) - Nowak, Oskar (Institute of Human Biology and Evolution, Adam Mickiewicz University in Poznań) - Rodzińska-Nowak, Judyta (Institute of Archaeology, Jagiellonian University in Kraków) - Przybyła, Marcin (Independent Researcher)
- 9:30 **EXPLORING SOCIAL INEQUALITY, DIET AND LIVESTOCK MANAGEMENT STRATEGIES AT THE EARLY BRONZE AGE COMMUNITY OF JELŠOVCE (SLOVAKIA)**  
Skorna, Henry - Wilkes, Fynn (Excellence Cluster Roots - University of Kiel) - Batora, Jozef (Slovak Academy of Sciences)
- 9:45 **RECONSTRUCTING DIETARY PATTERNS OF INDIVIDUALS INTERRED AT THE EARLY BRONZE AGE CEMETERY IN KRZYŻANOWICE DOLNE, SOUTHEASTERN POLAND**  
Szczepanek, Anita (Institute of Archaeology and Ethnology Polish Academy of Sciences; Medical College Jagiellonian University) - Jaro- sz, Paweł (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 10:00 **EXPLORING DEVIANT BURIALS THROUGH STABLE ISOTOPE ANALYSES: A CASE STUDY OF THE EARLY FIRST MILLENNIUM BC JURILOVCA-ORGAME SITE (ROMANIA)**  
Petrache, Noria (Doctoral School of History, Faculty of History, University of Bucharest; Archaeosciences Platform, Research Institute of the University of Bucharest) - Ailincăi, Sorin (Doctoral School of History, Faculty of History, University of Bucharest; Institute of Eco-Museum Research, Tulcea) - Constantinescu, Mihai (Faculty of History, University of Bucharest) - García-Vázquez, Ana (Archaeosciences Platform, Research Institute of the University of Bucharest)
- 10:15 **DISCUSSION SLOT**

- 11:00 **POPULATION DYNAMICS IN CROATIA: STRONTIUM ISOTOPE ANALYSIS OF CREMATED REMAINS FROM SLATINA (LATE BRONZE AGE) AND ZVONIMIROVO-VELIKO-POLJE (LATE IRON AGE)**  
Legrand, Emma (Archaeology, Environmental Changes and Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Ložnjak Dizdar, Daria (Institute of Archaeology, Zagreb) - Dizdar, Marko (Institute of Archaeology, Zagreb) - Rajić Šikanjić, Petra (Institute for Anthropological Research, Zagreb) - Novak, Mario (Institute for Anthropological Research, Zagreb) - Šlaus, Mario (Anthropological Centre of Croatian Academy of Sciences and Arts) - Griffith, Jacob (Archaeology, Environmental Changes and Geo-Chemistry Research Group, Vrije Universiteit Brussel) - James, Hannah (Archaeology, Environmental Changes and Geo-Chemistry Research Group, Vrije Universiteit Brussel) - Snoeck, Christophe (Archaeology, Environmental Changes and Geo-Chemistry Research Group, Vrije Universiteit Brussel)
- 11:15 **UNVEILING LATE BRONZE AGE CEMETERIES IN NORTH-EASTERN SLOVENIA: A COMPREHENSIVE ANALYSIS OF 87SR/86SR, Δ88SR, AND [SR]**  
Gerritzen, Carina (Archaeology, Environmental Changes and Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Goderis, Steven (Archaeology, Environmental Changes and Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Črešnar, Matija (Centre for Interdisciplinary Research in Archaeology, Department of Archaeology, Faculty of Arts, University of Ljubljana) - Leskovar, Tamara (Centre for Interdisciplinary Research in Archaeology, Department of Archaeology, Faculty of Arts, University of Ljubljana) - James, Hannah (Archaeology, Environmental Changes and Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Gruškovnjak, Luka (Centre for Interdisciplinary Research in Archaeology, Department of Archaeology, Faculty of Arts, University of Ljubljana) - Potočnik, Doris (Department of Environmental Sciences, Jožef Stefan Institute) - Ogrinc, Nives (Department of Environmental Sciences, Jožef Stefan Institute) - Snoeck, Christophe (Archaeology, Environmental Changes and Geo-Chemistry Research Unit, Vrije Universiteit Brussel)
- 11:30 **PRELIMINARY RESULTS OF THE MULTI-ISOTOPE ANALYSIS IN THE HALLSTATT PERIOD BI-RITUAL CEMETERY AT MODŘICE (8TH-5TH CENTURY BCE, CZECH REPUBLIC)**  
Vytlačil, Zdenek (National Museum, Czech Republic; Department of Anthropology and Human Genetics, Faculty of Science) - Drtiková Kaupová, Sylva (National Museum, Czech Republic) - Tvrđý, Zdeněk (Anthropos Institute, Historical Museum, Moravian Museum) - Kos, Petr (Institute for Archaeological Heritage, Czech Republic)

- 11:45 **STABLE ISOTOPE INVESTIGATION AIMING THE DIETARY HABITS OF THE LATE ROMAN AGE COMMUNITY IN MAROSSZENTANNA, TRANSYLVANIA**  
Major, Istvan (Hun-Ren Atomki) - Futó, István (Hun\_Ren Atomki) - Körösfői, Zsolt (Jósa András Museum)
- 12:00 **NO MAN AN ISLAND: INSULAR DIET FROM THE LATE ANTIQUE SITES OF MARTINŠČICA AND MIRINE, EASTERN ADRIATIC**  
Caric, Mario (Institute for Anthropological Research, Centre for Applied Bioanthropology) - Causevic-Bully, Morana (Université de Franche-Comté, UMR Chrono-Environnement) - Delliste, Anaïs (UMR Arthehis, Université de Bourgogne) - Bully, Sébastien (CNRS-UMR Arthehis, Université de Bourgogne) - Novak, Mario (Institute for Anthropological Research, Centre for Applied Bioanthropology)
- 12:15 **DIETARY TRANSITIONS DURING THE MIGRATION PERIOD IN CENTRAL AND SOUTHEASTERN EUROPE: NEW DATA AND PRELIMINARY INTERPRETATIONS**  
Djukic, Ksenija (Centre of Bone Biology, Faculty of Medicine, Belgrade) - Toyne, Jm (University of Central Florida) - Carić, Mario (Institute for Anthropological Research, Zagreb) - Dugonjić, Anita (Archaeological Museum Zagreb) - Rapan Papeša, Anita (Vinkovci Municipal Museum) - Novak, Mario (Institute for Anthropological Research, Zagreb)
- 12:30 **DISCUSSION SLOT**
- 14:00 **„WHAT HAVE THE ROMANS EVER DONE FOR US?“ MULTI ISOTOPE DATASET FROM LATE ANTIQUE AND EARLY MEDIEVAL SLOVENIA**  
Faragó, Norbert (Eötvös Loránd University) - Milavec, Tina (University of Ljubljana) - Koncz, István (Eötvös Loránd University) - Vyas, Deven (Stony Brook University) - Leskovar, Tamara (University of Ljubljana) - Vida, Tivadar (Eötvös Loránd University) - Geary, Patrick (Institute for Advanced Study, Princeton) - Veeramah, Krishna (Stony Brook University)
- 14:15 **LIVING AT THE LAKE – RECONSTRUCTING THE DIET OF MEDIEVAL INHABITANTS AROUND THE LAKE OF ZURICH**  
Goujon, Antoinette (Institute of Archaeology, University of Zurich)
- 14:30 **THE PALEODIET EVOLUTION DURING THE 8TH-12TH CENTURY IN THE VENETIAN LAGOON**  
Lonoce, Norma (Department of Cultural Heritage, University of Salento) - Viva, Serena (Department of Cultural Heritage, University of Salento; Department of History and Cultural Heritage, University of Siena) - Turetta, Clara (Institute of Polar Sciences – National Research Council CNR-ISP) - Cadamuro, Silvia (Department of Humanities,

Ca' Foscari University) - Bonato, Emanuele (Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice) - Giummolè, Federica (Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice) - Barbante, Carlo (Institute of Polar Sciences – National Research Council CNR-ISP; Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice) - Gelichi, Sauro (Department of Humanities, Ca' Foscari University) - Battistel, Dario (Institute of Polar Sciences – National Research Council CNR-ISP; Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice)

- 14:45 **ISOTOPIC ANALYSIS IN BIOARCHAEOLOGY: A CASE STUDY FROM TRANSYLVANIA**  
Fennell, Dorothea (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum) - Bethard, Jonathan (University of South Florida)

- 15:00 **MOBILITY AT THE PROBABLE MEDIEVAL MUSLIM CEMETERY IN OROSHÁZA, HUNGARY USING STABLE STRONTIUM AND OXYGEN ISOTOPE ANALYSES**  
Gugora, Ariana - Demény, Attila - Farkas, Csaba (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hun-Ren) - Somogyvári-Lajtár, Enikő (Institute of Archaeological Sciences, Eötvös Loránd University; Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hun-Ren) - Rózsa, Zoltán (Archaeological Institute, Hungarian National Museum) - Fóthi, Erzsébet (Institute of Archeogenomics, Research Centre for the Humanities, Hun-Ren)

- 15:15 **LIFE AT MEDIEVAL OROSHÁZA ACCORDING TO THE STABLE ISOTOPE ARCHAEOLOGICAL EXAMINATION**  
Somogyvári-Lajtár, Eniko (Institute of Archaeological Sciences, Eötvös Loránd University; Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hun-Ren) - Gugora, Ariana (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hun-Ren) - Rózsa, Zoltán (National Archaeological Institute, Hungarian National Museum) - Fóthi, Erzsébet (Institute of Archeogenomics, Research Centre for the Humanities, Hun-Ren)

- 15:30 **RECONSTRUCTING DIET OF MEDIEVAL POPULATIONS IN NORTHERN CROATIA: THE IVANEC-STARI GRAD SITE AND STABLE CARBON AND NITROGEN ISOTOPE ANALYSES**  
Kokotovic, Tea (Institute of Archaeology, Zagreb) - Bedić, Željka (Institute for Anthropological Research, Zagreb) - Krznar, Siniša (Institute of

- Archaeology, Zagreb) - Sirovica, Filomena (Archaeological Museum in Zagreb) - Belaj, Juraj (Institute of Archaeology, Zagreb)
- 15:45 DISCUSSION SLOT
- 16:30 **THE USE OF SULPHUR ISOTOPE ANALYSIS FOR DIETARY RECONSTRUCTION IN BIOARCHAEOLOGY: A CASE STUDY FROM THE SZEKLER REGION OF TRANSYLVANIA**  
Christelow, Hollie - Koon, Hannah (University of Bradford) - Zsolt, Nyárádi (Haáz Rezső Múzeum) - Zejdlik, Katie (Western Carolina University) - Bethard, Jonathan (University of South Florida)
- 16:45 **LATE MEDIEVAL CEMETERY ON BOKŠTO STR. IN VILNIUS: DIETARY PRACTICES OF THE ORTHODOX COMMUNITY**  
Kaplunaite, Irma - Jonaitis, Rytis (The Lithuanian Institute of History)
- 17:00 **HUMAN DIET IN VILNIUS IN THE 13TH - 18TH CENTURIES**  
Jonaitis, Rytis - Kaplūnaitė, Irma (The Lithuanian Institute of History; Vilnius University) - Motuzaitė Matuzevičiūtė, Giedrė (The Lithuanian Institute of History; Vilnius University) - Brindzaitė, Rūta (Vilnius University) - Jankauskas, Rimantas (Vilnius University)
- 17:15 DISCUSSION SLOT
- 17:30 DISCUSSION SLOT

## 95 SECOND MILLENNIUM BCE BURIAL PRACTICES IN THE CENTRAL AND EASTERN MEDITERRANEAN FROM AN INTERDISCIPLINARY PERSPECTIVE

**Room:** 3=CU003-BAS-Partenone

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Borgna, Elisabetta (University of Udine) - Bettelli, Marco (Consiglio Nazionale Delle Ricerche - Roma) - Cavazzuti, Claudio (University of Bologna) - Moutafi, Ioanna (Ludwig-Maximilian Universität - München) - Stockhammer, Philipp (Ludwig-Maximilian Universität - München; Max-Planck Institut für Evolutionäre Anthropologie, Leipzig)

### ABSTRACTS

- 8:30 **IDENTIFYING DEATH IN LBA NORTHERN GREECE: A DIALOGUE BETWEEN THE HUMAN REMAINS AND THE FUNERARY PRACTICES**  
Triantaphyllou, Sevasti (Aristotle University of Thessaloniki)

- 8:45 **THE ASSESSMENT OF MORTUARY ACTIVITIES AND BURIAL INTERACTIONS FROM THE BLUE STONE STRUCTURE AT ELEON, GREECE**  
Herrmann, Nicholas - Cruz, Krysten (Texas State University) - Van Damme, Trevor (University of Victoria) - Gaggioli, Amanda (University of Memphis) - Burke, Brendan (American School of Classical Studies at Athens; University of Victoria) - Burns, Bryan (Wellesley College)
- 9:00 **MULTIPLE INFANT BURIALS AT EARLY MYCENAEAN THORIKOS, SE ATTICA**  
Tsempera, Theofania (Institute of Archaeology, University of Groningen) - Theodoropoulou, Tatiana (CNRS - France) - Filioglou, Dimitris (M.H. Wiener Laboratory, Ascsa) - Stockhammer, Philipp (LMU Munich & Max Planck Institute for Evolutionary Anthropology) - Mitnik, Alissa (Max Planck Institute for Evolutionary Anthropology) - Balitsari, Anthi (F.R.S.-FNRS, Aegean Interdisciplinary Studies, UCLouvain) - Dederix, Sylviane (Belgian School at Athens) - Papadimitriou, Nikolas (Paul and Alexandra Canellopoulos Museum, Athens)
- 9:15 **UNDERSTANDING MYCENAEAN LH III SECONDARY ACTIVITIES IN CHAMBER TOMBS: RESULTS OF THE INTERDISCIPLINARY STUDY OF THE ELATEIA-ALONAKI NECROPOLIS**  
Hoegner, Irene (Ludwig Maximilian University of Munich; Max Planck Institute for Evolutionary Anthropology)
- 9:30 **THE MYCENAEAN CEMETERY OF THE TRAPEZA: INDIVIDUAL HISTORIES FROM A LONG-TERM FUNERARY LANDSCAPE**  
Borgna, Elisabetta - de Angeli, Gaspare (Università di Udine - Dipartimento di Studi Umanistici e dei Patrimonio Culturale) - Freilich, Suzanne (Max Planck Institute for Evolutionary Anthropology) - Högner, Irene (Ludwig-Maximilians University Munich, Germany & Max Planck Institute for Evolutionary Anthropology) - Stockhammer, Philipp (Ludwig-Maximilians University Munich, Germany & Max Planck Institute for Evolutionary Anthropology)
- 9:45 **THE EARLY MYCENAEAN AYIOS VASILEIOS NORTH CEMETERY, SOUTHERN GREECE: INTEGRATING ARCHAEOLOGICAL THEORY AND ARCHAEOLOGICAL SCIENCE**  
Voutsaki, Sofia (Groningen Institute of Archaeology) - Moutafi, Ioanna (Ludwig Maximilian University; the Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Tritsaroli, Paraskevi (Voula) (The Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Vika, Efrossini (University of York) - Erdil, Pinar (Groningen Institute of Archaeology; Centre for Isotope Research Groningen)

- 10:00 **THE CHANGING POWER OF THE PAST AT THE LATE BRONZE AGE CEMETERY OF AIDONIA, GREECE**  
Kvapil, Lynne (Butler University) - Shelton, Kim (University of California Berkeley) - Price, Gypsy (Search, Inc)
- 10:15 **DISCUSSION SLOT**
- 11:00 **PRECOCIOUS PROSYMNA: MIDDLE HELLADIC III/LATE HELLADIC I TOMB DEPOSITS IN ARCHAEOLOGICAL AND ARCHIVAL CONTEXT**  
Cushman, Sophie (University of California, Berkeley)
- 11:15 **DEPOSITION, DISARTICULATION, DESTRUCTION: THE PARALLEL TREATMENT OF BODIES AND OBJECTS IN EARLY MYCENAEAN BURIALS**  
Phillips, Rachel (University of Cambridge; British School at Athens)
- 11:30 **MORTUARY PRACTICES IN MYCENAEAN ATTICA: AN INTERGRATED ANALYSIS OF HUMAN REMAINS FROM THE CHAMBER TOMB CEMETERY AT KOLIKREPI-SPATA, GREECE**  
Papakonstantinou, Niki (Aristotle University of Thessaloniki; Fitch Laboratory, British School at Athens)
- 11:45 **WE VS THEM: FUNERARY COMPETITIONS AT THE PROTOPALATIAL NECROPOLIS OF PETRAS, SITEIA - CRETE**  
Tsipopoulou, Metaxia (Hellenic Ministry of Culture)
- 12:00 **FROM DUSTY NOTES TO 3D-MODELLING: AN INTERDISCIPLINARY APPROACH TO RECONSTRUCTING THE BURIAL LANDSCAPE AT THE KOAN MYCENAEAN CEMETERY OF LANGADA**  
Nani, Francesca (Università di Pisa)
- 12:15 **THE TOMBS OF THE COSMOPOLITAN LATE BRONZE AGE CITY OF HALA SULTAN TEKKE, CYPRUS**  
Fischer, Peter (University of Gothenburg)
- 12:30 **IRON AGE TOMBS AT TELL ES-SAFI/GATH: NEW FINDS AND NEW ANALYSES**  
Maeir, Aren (Bar-Ilan University)
- 12:45 **DISCUSSION SLOT**
- 14:00 **RECONSTRUCTING SOCIAL PRACTICES FROM 2ND MILLENNIUM BCE BURIALS IN THE NORTHWESTERN ARABIAN PENINSULA**  
Kremmer, Anne (University of Tübingen) - Zur, Alina (German Archaeological Institute, Orient Department) - Hausleiter, Arnulf (German Archaeological Institute, Orient Department)
- 14:15 **DEATH AND BURIAL IN THE SOUTHERN LEVANT DURING THE MIDDLE BRONZE AGE: ISRAEL AS A CASE STUDY**  
Cosijns, Lev (University of Oxford)

- 14:30 **CONCEPTUALIZING DEATH IN THE SECOND MILLENNIUM BCE LEVANT: A SEMANTIC WEB APPROACH**  
Pappalardo, Chiara - Santamaria, Daniele - Nicolosi-Asmundo, Marianna - Laneri, Nicola (University of Catania)
- 14:45 **MEANINGFUL DEATHS: BURIAL PRACTICES IN BRONZE AGE SOUTH-EASTERN ITALY**  
Recchia, Giulia (Sapienza University of Rome, Department of Antiquities) - Canci, Alessandro (University of Udine, DIUM) - Cipolloni Sampò, Mirella (University of Tuscia) - Sabatini, Serena (University of Gothenburg, Department of Historical Studies)
- 15:00 **THE BRONZE AGE CHAMBER TOMBS IN SOUTHEASTERN ITALY AND THE CHANGING ROLE OF THE DEAD AND ANCESTORS IN SOCIAL MEMORY**  
Cipolloni Sampò, Mirella (Università della Tuscia) - Canci, Alessandro (Università di Udine) - Wilkens, Barbara (Libera Ricercatrice)
- 15:15 **FROM THE NORTH AND THE SOUTH: NEW OSTEOLOGICAL DATA ABOUT THE TERRAMARE CULTURE FROM A MULTI-ANALYTICAL STUDY OF CREMATED REMAINS**  
Scalise, Lucia Martina (Department of Archaeology, University of Cambridge) - Cavazzuti, Claudio (Department of History and Cultures, University of Bologna; Department of Archaeology, Durham University) - Morigi, Maria Pia (Department of Physics and Astronomy "Augusto Righi", University of Bologna; National Institute of Nuclear Physics Bologna Division) - Brancaccio, Rosa (Department of Physics and Astronomy "Augusto Righi", University of Bologna; National Institute of Nuclear Physics Bologna Division) - Evans, Miranda (Department of Archaeology, University of Cambridge) - Silvestrini, Sara (Department of Cultural Heritage, University of Bologna) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main; Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Sommella, Eduardo (Dipartimento di Farmacia, Università di Salerno) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna) - Pomeroy, Emma (Department of Archaeology, University of Cambridge)
- 15:30 **RITUALS, DEMOGRAPHY AND SOCIAL ORGANIZATION IN THE FINAL BRONZE AGE CREMATION CEMETERY OF VIA DEI CONSOLI IN GUBBIO: PRELIMINARY RESULTS**  
Bettelli, Marco (Consiglio Nazionale Delle Ricerche-Istituto di Scienze del Patrimonio Culturale) - Bulletti, Clara - Caillaud, Florence - Cavazzuti, Claudio (Università di Bologna) - Germi, Francesca (CNR-ISPC) - Leoni, Cristina (Università di Bologna) - Postrioti, Giorgio (Soprintendenza Archeologia Belle Arti e Paesaggio Dell'Umbria)



15:45 DISCUSSION SLOT

**192 FRONTIERS OF HERITAGE: CULTURAL LANDSCAPES, COMMUNITY INTERACTIONS, AND METHODOLOGICAL APPROACHES**

**Room:** 66=CU022-FL1-Bettolo

**Time:** 14:00 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Gao, Qian (Durham University, Department of Archaeology) - Bonacchi, Chiara (University of Edinburgh, School of History, Classics and Archaeology) - Hanscam, Emily (Linnaeus University, Archaeology) - Cartwright, Rachel (Independent Researcher)

**ABSTRACTS**

14:00 INTRODUCTION

14:15 THE UNSEEN HERITAGE OF THE EVERYDAY ENVIRONMENT; RE-BUILDING COMMUNITY COHESION OF AN ABANDONED RURALITY  
Krag, Mo (Aarhus School of Architecture)

14:30 BETWEEN KINGDOMS AND CULTURES, THROUGHOUT EPOCHS - FRONTIER, ETHNOGRAPHY AND CULTURAL LANDSCAPES OF THE THIRD CATARACT REGION (SUDAN)  
Kurcz, Maciej (Jagiellonian University)

14:45 VIKING AGE HERITAGE IN A FLUCTUATING FRONTIER: CHANGING INTERPRETATIONS AND CONTESTED PERSPECTIVES IN THE GERMAN-DANISH BORDERLANDS  
Cartwright, Rachel (Independent Researcher) - Bonacchi, Chiara (University of Edinburgh)

15:00 HERITAGE MANAGEMENT AND RURAL ATTACHMENTS: RE-VISIONING THE GREAT WALL OF CHINA AS DYNAMIC CULTURAL LANDSCAPES  
Gao, Qian (Durham University) - Cheng, Fei (Chinese National Academy of Arts) - Xiao, Dong (Beijing University of Civil Engineering and Architecture)

15:15 MORE VOICES FOR EMANCIPATORY ARCHAEOLOGICAL AND HERITAGE PRACTICES  
Jean, Joseph Sony (Leiden University)

15:30 DISCUSSION SLOT

15:45 DISCUSSION SLOT

**209 NOT ANOTHER SESSION ON ETHNICITY! REPLACING ETHNIC WITH OTHER TYPES OF GROUP IDENTITIES**

**Room:** 12=CU003-FL1-Toesca

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Giamakis, Christos (York Museums Trust) - Franković, Filip (Archaeological Museum in Zagreb)

**ABSTRACTS**

14:00 INTRODUCTION

14:15 DYING TO MAKE A DIFFERENCE. QUESTIONING FUNERARY PRACTICES AS MARKERS OF ETHNICITY  
Relaki, Maria (The Open University, UK)

14:30 NOT ANOTHER PAPER ON MYCENAEANS! REPLACING ETHNIC WITH OTHER GROUP IDENTITIES IN THE 2ND MILLENNIUM BCE EAST AEGEAN-WEST ANATOLIAN REGION  
Frankovic, Filip (Archaeological Museum in Zagreb)

14:45 DISCUSSION SLOT

15:00 BREAKING OUT OF THE 'EGYPTIAN' VS 'NUBIAN' DICHOTOMY: THE CASE OF A COMMUNITY IN NEW KINGDOM SAQQARA  
Ayers, Natasha (Austrian Archaeological Institute / Austrian Academy of Sciences)

15:15 THE DEAD DESERVE A PROPER BURIAL: THE QUEST FOR THE ETHNICITY OF BRONZE AND IRON AGE BURIAL MOUNDS IN ALBANIA  
Trinder, Ermelinda (Staffordshire University)

15:30 SOCIAL IDENTITIES IN ANCIENT MACEDONIA: A RE-EXAMINATION  
Giamakis, Christos (York Museums Trust)

15:45 DISCUSSION SLOT

16:30 NEW PERSPECTIVES ON LATE ANTIQUE BURIALS: THE CASE OF CEMETERY LAJH IN KRANJ (SLOVENIA)  
Pavletic, Kaja (Filozofska Fakulteta, Univerza V Ljubljani)

16:45 HOW DEEP THE ARCHAEOLOGICAL MATERIAL ALLOWS US TO DIG INTO IDENTITY OF INHABITANTS OF EARLY MEDIEVAL SOUTHERN PANNONIA AND DALMATIA?  
Skrgulja, Jana - Niksic, Petra (Department of Archaeology, Faculty of Humanities and Social Sciences University of Zagreb)

- 17:00 FUNERARY VESSELS AND THEIR SIGNIFICANCE IN THE LATE ROW-GRAVE CEMETERIES OF TRANSYLVANIA  
Beata, Barbocz (UBB)
- 17:15 DISCUSSION SLOT
- 17:30 THE HARAPPAN VENEER AND GROUP IDENTITY IN THE INDUS VALLEY REGION, C. 2600-1900 BCE, SOUTH ASIA  
Miller, Heidi (Middlesex Community College)
- 17:45 BEYOND THE (ETHNICALLY) GREEK IN POMPEIAN SECOND-STYLE WALL-PAINTING  
Schreuder, Nicky (Leiden University)
- 18:00 „AS THEIR ANCESTORS DID“: MEMORY, IDENTITY, AND FAMILY TRADITION IN THE CITIES OF CARIA.  
Tsolakis, Georgios (The University of Chicago)
- 18:15 DISCUSSION SLOT

### 301 WHAT IS A VILLAGE? COLLECTIVE ACTION, SETTLEMENT PATTERNS AND RURAL COMMUNITIES

- Room:** 9=CU003-FL1-Aula IV  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Quirós Castillo, Juan Antonio (University of the Basque Country; University College London) - Eva Svensson, Eva (Karlstad University)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 WHAT IS A FARM? WHAT IS A HAMLET? COLLECTIVE PRACTICES AND CO-OPERATION IN THE RURAL LANDSCAPE  
Svensson, Eva (Risk- and Environmental Studies, Isk-Department) - Johansson, Annie (County Administrative Board (Värmland) - Pettersson, Susanne (Independent)
- 14:30 WHAT IS A VILLAGE FROM AN ARCHAEO-GEOGRAPHICAL POINT OF VIEW? ANSWERS FROM FRENCH EXPERIENCES  
Watteaux, Magali (University of Rennes 2, Research Unit „Tempora“; Association Française d'Archéogéographie; UMR 7041 Arscan, Team „Archéologies Environnementales“)

- 14:45 WHAT CAN A VILLAGE BE? A FUTURE-FIT VILLAGE PERSPECTIVE  
Schepers, Mans (University of Groningen, Faculty of Arts, Centre of Landscape Studies) - de Haas, Tymon (University of Groningen, Faculty of Arts, Groningen Institute of Archaeology) - Haartsen, Tialda (University of Groningen, Faculty of Spatial Sciences, Rural Geography) - Pelgrom, Jeremia (University of Groningen, Faculty of Arts, History) - Salemink, Koen (University of Groningen, Faculty of Spatial Sciences, Rural Geography) - Six, Clemens (University of Groningen, Faculty of Arts, History) - Zwiers, Maarten (University of Groningen, Faculty of Arts, History; University of Groningen, Faculty of Arts, American Studies; University of Groningen, Faculty of Arts, Low Sax-on Language & Culture)
- 15:00 VARIANCE AND VARIETY OF NEOLITHIC VILLAGES IN NE SERBIA - SOME EXAMPLES FROM SERBIAN BANAT  
Mirkovic-Maric, Neda (Medjuopštinski Zavod Za Zaštitu Spomenika Kulture Subotica) - Marić, Miroslav (Balkanološki Institut Sanu)
- 15:15 GRADED VILLAGES SINCE THE 2ND CENTURY BC; RECORDING PERSISTENCE AND CHANGE IN THE DISTRICT HALFAMBT (GRONINGEN, THE NETHERLANDS)  
Nijboer, Albert (University of Groningen)
- 15:30 VETERANS AND SETTLEMENT PATTERNS ALONG THE LOWER DANUBE LIMES: INSIGHTS INTO THE ROMAN FRONTIER  
Andreeva, Petya (National Archaeological Institute With Museum/ Bulgarian Academy of Sciences)
- 15:45 DISCUSSION SLOT
- 16:30 SARCOPHAGI WITH RURAL LIFE THEME IN FARM NECROPOLISES BETWEEN ÇANDIR AND GÖKDERE VALLEYS  
Akkaya, Ecem (Akdeniz University)
- 16:45 EARLY MEDIEVAL VILLAGES AND HAMLETS IN THE BASQUE COUNTRY: CONSIDERATIONS AT THE LIGHT OF A COMPLEX AND DIVERSIFIED ARCHAEOLOGICAL RECORD  
Narbarte Hernández, Josu (University of the Basque Country) - Campos López, Teresa (University of the Basque Country)
- 17:00 NUCLEATED VS DISPERSED SETTLEMENT, PLANNING VS. SELF-ORGANIZATION OF THE SETTLEMENT SYSTEM IN THE MEDIEVAL LANDSCAPE OF SOUTHWESTERN FRANCE.  
Poirier, Nicolas (CNRS)

- 17:15 COLLECTIVE ACTION, COMMON RESOURCES AND RURAL COMMUNITIES IN THE EARLY MEDIEVAL PO VALLEY RIVERSCAPES (NORTHERN ITALY)  
Panato, Marco (University of Nottingham)
- 17:30 MEDIEVAL HAMLETS AT THE EDGE OF LAKE NEUSIEDLER RURAL SETTLEMENT DEVELOPMENT IN THE AREA BETWEEN PRESENT-DAY AUSTRIA AND HUNGARY  
Özyurt, Jasmin - Tobias, Bendeguz (Austrian Academy of Sciences) - Perstling, Claudia (Stadtarchäologie Wien) - Saliari, Konstantina (Natural History Museum Vienna) - Draganits, Erich (University of Vienna)
- 17:45 OBSERVING THE MOVEMENT OF THINGS AND PEOPLE: SETTLEMENT PATTERNS IN A MICROAREA OF INLAND SICILY  
Lo Monaco, Viviana (University of São Paulo)
- 18:00 PRODUCTION IN THE VILLA FORENSIS „STARE MESTO“ NEAR ZDAR NAD SAZAVOU FROM THE PERSPECTIVE ENVIRONMENTAL ANALYSES  
Václavíková, Dominika (Charles University in Prag)
- 18:15 DISCUSSION SLOT

### 302 LUXURY - STANDARD - POVERTY: ARCHAEOLOGY OF QUALITY OF LIFE IN MEDIEVAL AND EARLY MODERN TOWNS

**Room:** 10=CU003-FL1-Aula V

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague) - Piekalski, Jerzy (Institute of Archaeology, University of Wrocław) - Cembrzyński, Paweł (Cluster of Excellence Roots, CAU Kiel)

#### ABSTRACTS

- 8:30 EXPLORING QUALITY OF LIFE IN MEDIEVAL AND POST-MEDIEVAL URBAN ENVIRONMENT: AN ARCHAEOLOGICAL PERSPECTIVE  
Piekalski, Jerzy (University of Wrocław) - Sawicki, Jakub (Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 8:45 THE POTENTIAL OF ARCHAEOLOGICAL METHODS FOR IDENTIFYING POVERTY IN PRE-INDUSTRIAL CITIES: A WROCLAW CASE STUDY  
Duma, Paweł - Legut-Pintal, Maria - Piekalski, Jerzy (Institute of Archaeology, University of Wrocław)

- 9:00 ARCHAEOLOGICAL GLASS AS AN INDICATOR OF CONSUMPTION STRATEGIES AND SOCIAL STATUS IN LATE MEDIEVAL AND EARLY MODERN WROCLAW (POLAND).  
Kunicki-Goldfinger, Jerzy (Institute of Nuclear Chemistry and Technology, Warsaw) - Duma, Paweł - Miazga, Beata (Institute of Archaeology, University of Wrocław)
- 9:15 DISCUSSION SLOT
- 9:30 LUXURY OR STANDARD? RINGS AS GRAVE GOODS IN URBAN CHURCHYARD CEMETERIES  
Szocs, Peter Levente (County Museum Satu Mare)
- 9:45 A STUDY OF FOOTWEAR IN LATE MEDIEVAL AND EARLY MODERN WROCLAW AS A MARKER OF SOCIAL STATUS AND WEALTH  
Konczewska, Magdalena (University of Wrocław, Institute of Archaeology)
- 10:00 LUXURY IN THE CESSPIT! IN SEARCH FOR INDICATORS OF SOCIAL STATUS FROM THE CESSPITS IN TARTU, ESTONIA (14TH-16TH CENTURY)  
Haak, Arvi (Tallinn University, Archaeological Research Collection; Tartu City Museum) - Johanson, Kristiina (University of Tartu, Institute of History and Archaeology)
- 10:15 DISCUSSION SLOT
- 11:00 CONSUMPTION AND QUALITY OF LIFE IN MEDIEVAL MINING TOWNS IN CENTRAL EUROPE  
Cembrzynski, Pawel (Cluster of Excellence Roots, Kiel University)
- 11:15 HUMAN AND ENVIRONMENT IN PRE-INDUSTRIAL CITY. CASE-STUDY OF PRAGUE AND WROCLAW  
Lech, Sylwia (University of Wrocław)
- 11:30 DIFFERENCES BETWEEN THE MANIFESTATION OF SOCIO-ECONOMIC STATUS IN ARCHITECTURE AND THROUGH CONSUMPTION  
Obrink, Mattias - Forsblom Ljungdahl, Veronica (National Historical Museums, Sweden)
- 11:45 DISCUSSION SLOT
- 12:00 A TALE OF TWO CITIES. TOWNS WITHOUT MONEY?  
Risvaag, Jon (Norwegian University of Science and Technology)
- 12:15 IMAGES AS INDICATORS OF IDENTITY OF WROCLAW BURGHERS DURING THE ICONOGRAPHIC TURN  
Macionczyk, Agata (Museum of Archaeology in Wrocław; University of Wrocław)

- 12:30 THE UNIQUE EXAMPLE OF THE PALATAL OBTURATOR PROSTHESIS FROM 18TH-CENTURY CRACOW (POLAND).  
Spinek, Anna (Department of Anthropology, Hirszfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences) - Kurek, Marta (Department of Anthropology, Faculty of Biology and Environmental Protection, University of Lodz) - Drażkowska, Anna (Department of Archaeology of Late Middle Ages and Early Modern Period, Faculty of History, Nicolaus Copernicus University in Torun)
- 12:45 DISCUSSION SLOT

### 330 TEXTILE RECORDS: PAST, PRESENT AND FUTURE OF TEXTILE-RELATED ARTEFACTS RECORDING IN THE MEDITERRANEAN AND BEYOND

**Room:** 55=CU033-FL2-Mortara  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Iancu, Alina (National Institute of Heritage of Romania) - Sarri, Kalliope (University of Peloponnese)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 RECORDING TEXTILE TOOLS' CONTEXTS? CASES FROM AEGEAN PREHISTORY.  
Vakirtzi, Sophia (Hellenic Organization of Cultural Resources Development)
- 9:00 NECROPOLIS OF THE WIELBARK CULTURE IN WILKOWO AS AN EXAMPLE OF SUCCESSFUL COOPERATION BETWEEN FIELD ARCHAEOLOGISTS, CONSERVATORS AND TEXTILE ARCHAEOLOGISTS  
Przymorska-Sztuczka, Magdalena (Archaeological Museum in Biskupin, Poland)
- 9:15 GREY AREAS IN THE IDENTIFICATION AND RECORDING OF TEXTILE TOOLS. SOME ENIGMATIC CASES FROM AEGEAN PREHISTORY  
Sarri, Kalliope (Postdoc Researcher, Centre for Textile Research, Saxo Instit)
- 9:30 ROMAN SPINNING TOOLS A HISTORY OF MISUNDERSTANDING  
Dankovic, Ilija (Institute of Archaeology, Serbia)

- 9:45 ANYTHING BUT A DISTAFF: THE MISIDENTIFICATION OF TEXTILE TOOLS IN THE NORTH-WEST PROVINCES OF THE ROMAN EMPIRE  
Hamelink, Anique (University of Amsterdam)
- 10:00 IMPORT OF TEXTILE TOOLS TO ROMAN HISPANIA. SOME CASE  
Bustamante Álvarez, Macarena (Universidad de Granada)
- 10:15 DISCUSSION SLOT
- 11:00 LEAD SPINDLE WHORLS AND LOOM WEIGHTS IN THE AEGEAN AND IN PONTUS IN THE FIRST MILLENNIUM BC  
Iancu, Liviu Mihail (Institute of Advanced Studies in Levant Culture and Civilization Bucharest)
- 11:15 FROM TEXT TO LOOM: WRITTEN AND ARCHAEOLOGICAL SOURCES ON LOOMS AND THEIR TOOLS FROM THE 1ST-5TH CENTURIES CE  
Vega Medeiros, Claudia (Complutense University of Madrid) - Morgado-Roncal, Leyre (University of Granada)
- 11:30 LOOMWEIGHTS THROUGH THE AGES. WHAT CAN THEY LOOK LIKE - HOW HEAVY SHOULD THEY BE?  
Trinkl, Elisabeth (University of Graz)
- 11:45 NET SINKERS OR LOOM WEIGHTS? PERFORATED SHERDS FROM THE PREHISTORIC SETTLEMENT ON KOUKONISI, LEMNOS AS A STUDY CASE  
Boloti, Tina (National and Kapodistrian University of Athens)
- 12:00 HOW WERE PERFORATED CLAY LOOM WEIGHTS MADE, AND WHY IS THEIR SHAPE SO DIFFERENT?  
Boertien, Jeannette (Groningen University)
- 12:15 A LESS KNOWN YET ESSENTIAL CLASS OF TEXTILE TOOLS: CLAY SPOOLS IN ARCHAEOLOGY  
Iancu, Alina (National Institute of Heritage of Romania; the Hellenic Centre for Research and Conservation of Archaeological Textiles Artex)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT
- 14:00 TOOL BOXES FOR TEXTILE WORK? FUNERARY MODEL CHESTS FROM IRON AGE ATHENS IN THE LIGHT OF RECENT TEXTILE RESEARCH  
Houby-Nielsen, Sanne (The Nordiska Museet)
- 14:15 RECORDING USE- WEAR TRACES ON TEXTILE TOOLS WITH REFLECTANCE TRANSFORMATION IMAGING (RTI): A CASE STUDY FROM ARCHAIC MESSAPIA.  
Sabetta, Gaia (Università del Salento)

14:30 COMMUNICATING TEXTILE ARTIFACTS: TEACHING AND EXHIBITING THROUGH SCIENTIFIC AND DIGITAL STORYTELLING.  
Nikolovieni, Gerasimoula Ioanna (Brown University)

14:45 DISCUSSION SLOT

### 369 ANIMALS IN BRONZE AGE EUROPE: NEW PERSPECTIVES

**Room:** 4=CU003-BAS-Auletta

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Bruck, Joanna (University College Dublin) - Houghton, Mark (Aarhus University) - Huisman, Floor - Kanne, Kate (University College Dublin)

11:00 METHODS IN PRACTICE: INTEGRATIVE APPROACHES FOR NEW INTERPRETATIONS OF ANIMALS AND SOCIETY IN BRONZE AGE EUROPE  
Kanne, Katherine (University College Dublin)

11:15 UNTIL THE PIGS COME HOME: THE ROLE OF ANIMALS IN MEDIATING CONNECTIVITY IN LATE BRONZE AGE BRITAIN  
Madgwick, Richard (School of History, Archaeology and Religion, Cardiff University) - Esposito, Carmen (Department of Cultural Heritage, University of Bologna) - Lamb, Angela (National Environmental Isotope Facility, British Geological Survey)

11:30 NEW PERSPECTIVES ON LATE BRONZE AGE FRENCH ALPINE PILE-DWELLINGS USING ZOOARCHAEOLOGICAL DATA  
De Roux, Anaïs (Toulouse University) - Billaud, Yves (DRASSM) - Costamagno, Sandrine - Milcent, Pierre-Yves (Toulouse University)

11:45 DISCUSSION SLOT

12:00 ASSEMBLING THE LATE BRONZE AGE HORSEHAIR ORNAMENT FROM THE CROMAGHS HOARD, CO. ANTRIM, NORTHERN IRELAND.  
Line, Oliver (University College Dublin)

12:15 CROUCHING ARCHAEOLOGIST, HIDDEN DEER: EXPLORING ANIMAL-HUMAN RELATIONSHIPS THROUGH THE UNPARALLELED DEER CARVINGS OF DUNCHRAIGAIG CAIRN (KILMARTIN, SCOTLAND)  
Valdez-Tullett, Joana (University of Glasgow; Wessex Archaeology)

12:30 ELK IN THE DUTCH BRONZE AGE: A LIMINAL ANIMAL?  
Brusgaard, Nathalie (Leiden University) - Van Dijk, Joyce (Archeoplan Eco) - Aal, Jordy (BAAC)

12:45 DISCUSSION SLOT

### ABSTRACTS

8:30 THE SOCIAL WORLDS OF BRONZE AGE ANIMALS  
Brück, Joanna (University College Dublin)

8:45 FOLLOWING COWS: CATTLE AS GEOPOLITICAL AGENTS IN BRONZE AGE SCANDINAVIA  
Wehlin, Joakim (Uppsala University) - Odebäck Ljunge, Magnus (Stockholm University) - Armstrong-Oma, Kristin (University of Stavanger)

9:00 ANIMAL ARCHITECTURES - HUMAN-ANIMAL INTERACTION IN THE BRONZE AGE OF NORTHWESTERN EUROPE  
Huisman, Floor (University College Dublin)

9:15 DISCUSSION SLOT

9:30 OBTAINING THE CERTIFICATE OF TRADITION - BRONZE AGE ANIMALS IN NORTHERN DALMATIA  
Grguric Srzentic, Maja (University of Zadar)

9:45 ANIMAL CARE AND WELFARE IN BRONZE AGE BRITAIN  
Osborne, David (University of Nottingham)

10:00 NONHUMAN ANIMAL DEPOSITION PRACTICES IN BRONZE AGE EUROPE: A POSTHUMAN REANALYSIS  
Swallow, Eleanor (University College Dublin)

10:15 DISCUSSION SLOT

### 395 OLD STORIES AND NEW DATA ON SLAVS. HOW TO INTERPRET THE GENETIC, LINGUISTIC AND SUBSISTENCE SHIFTS IN EARLY MEDIEVAL EUROPE?

**Room:** 17=CU003-FL3-Romeo

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Machacek, Jiri (Masaryk University) - Hofmanova, Zuzana (Max Planck Institute for Evolutionary Anthropology)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 SHAPE SHIFTERS AND TWISTERS: MORPHOLOGICAL ANALYSIS OF CENTRAL EUROPEAN EARLY MEDIEVAL POTTERY

Nosek, Vojtech - Košťál, Martin - Macháček, Jiří (Department of Archaeology and Museology, Faculty of Arts, Masaryk University)

9:00 THE SUBSISTENCE SHIFT BETWEEN LATE ANTIQUITY AND MIDDLE AGES IN CENTRAL EUROPE: THE DATING AND EXPLAINING BY A TRANSDISCIPLINARY APPROACH

Machacek, Jiri (Masarykova Univerzita, Filozofická Fakulta) - Dunne, Julie (University of Bristol) - Prichystalova, Renata (Masarykova Univerzita, Filozofická Fakulta) - Zeman, Tomas (Independent Researcher)

9:15 EARLY MEDIEVAL SLAVIC DIET: THE MILLET QUESTION

Drtikolová Kaupová, Sylva (National Museum, Prague) - Vytlačil, Zdeněk (National Museum, Prague; Department of Anthropology and Human Genetics, Faculty of Science, Prague) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology; Institute of Archaeology and Museology, Masaryk University) - Loskotová, Zuzana (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Macháček, Jiří (Institute of Archaeology and Museology, Masaryk University) - Poláček, Lumír (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Zlámalová, Denisa (Institute of Archaeology and Museology, Masaryk University) - Velemínský, Petr (National Museum, Prague)

9:30 THE "MEGASITE" OF ROZTOKY AS A SOCIAL PROJECT

Kuna, Martin (Institute of Archaeology CAS, Prague)

9:45 THE IMPACT OF LALIA ON THE "INVISIBLE" EMERGENCE OF THE WESTERN SLAVS  
Schneeweiss, Jens (Kiel University; Centre for Baltic and Scandinavian Archaeology; Leibniz-Zentrum für Archäologie)

10:00 MIGRATION OF ALPINE SLAVS AND MACHINE LEARNING: SPACE-TIME PATTERN MINING OF AN ARCHAEOLOGICAL DATA SET, PART 2

Stular, Benjamin (Research Centre of Slovenian Academy of Sciences and Arts)

10:15 DISCUSSION SLOT

11:00 GENOMIC TRANSECT OF EARLY MEDIEVAL MORAVIA AND SLOVAKIA UNCOVERS POPULATION TURNOVER

Zlámalová, Denisa - Macháček, Jiří (Department of Archaeology and Museology, Masaryk University) - Hladík, Marek - Mazuch, Marian - Poláček, Lumír - Krupičková, Šárka (Institute of Archaeology, Czech Academy of Sciences, Brno) - Ruttkay, Matej (Institute of Archaeology, Slovak Academy of Sciences, Nitra) - Ingrová, Pavlína (Department of Archaeology and Museology, Masaryk University) - Krause, Johannes - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology)

11:15 GEOGRAPHY AND CHRONOLOGY OF SLAVIC DISPERSAL IN CENTRAL AND EASTERN EUROPE ACCORDING TO ARCHAEOGENETIC DATA

Vyazov, Leonid (University of Ostrava) - Flegontov, Pavel (University of Ostrava; Harvard University) - Flegontova, Olga (University of Ostrava) - Ringbauer, Harald (Max Planck Institute for Evolutionary Anthropology) - Reich, David (Harvard University)

11:30 ANCIENT DNA CONNECTS LARGE-SCALE MIGRATION WITH THE SPREAD OF SLAVIC-ASSOCIATED CULTURE

Gretzinger, Joscha - Mager, Hellen (Max Planck Institute for Evolutionary Anthropology) - Schwarz, Ralf - Muhl, Arnold - Orschiedt, Jörg (Landesamt für Denkmalpflege und Archäologie in Sachsen-Anhalt) - Biermann, Felix (Institute of History, University of Szczecin) - Slaus, Mario (Croatian Academy of Sciences and Arts) - Meller, Harald (Landesamt für Denkmalpflege und Archäologie in Sachsen-Anhalt) - Hofmanová, Zuzana - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology)

11:45 DISCUSSION SLOT

12:00 SLAVS ON THE ODER AND VISTULA RIVERS - ONE OF THE LONGEST DISPUTES OF POLISH ARCHAEOLOGISTS

Jedrzejewska, Sylwia (University of Rzeszów)

- 12:15 **BECOMING SLAVIC – MIGRATION AND TRANSFORMATION**  
Brather, Sebastian (Albert-Ludwigs-Universität Freiburg)
- 12:30 **SLAVIC MIGRATION & ETHNOGENESIS - HISTORY & ARCHEOGENETICS**  
Heather, Peter (King's College London)
- 12:45 **DISCUSSION SLOT**

**398 WHAT DO ANIMAL BONES HAVE TO OFFER? ZOOARCHAEOLOGY AND TAPHONOMY DURING THE MIDDLE TO UPPER PALAEOLITHIC TRANSITION IN SOUTHERN EUROPE**

**Room:** 42=CU005-BAS-Aula 3  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Real, Cristina (Departamento de Prehistoria, Arqueología e Historia Antigua, Universidad de Valencia) - Silvestrini, Sara (Department of Cultural Heritage, University of Bologna) - Vidas, Lia (Centre for Applied Bioanthropology, Institute for Anthropological Research) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main; Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia)

**ABSTRACTS**

- 8:30 **INTRODUCTION**
- 8:45 **REVIEW OF THE FAUNAL ANALYSIS FROM MIDDLE TO UPPER PALAEOLITHIC TRANSITION IN SOUTHERN EUROPE**  
Silvestrini, Sara (Department of Cultural Heritage-Ravenna Campus, University of Bologna) - Real, Cristina (Departamento de Prehistoria, Arqueología e Historia Antigua, Universitat de València) - Vidas, Lia (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main; Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia)
- 9:00 **NEANDERTHAL SUBSISTENCE STRATEGIES WITHIN THEIR HUNTING GROUNDS AT TEIXONERES CAVE) AND PIÉ LOMBARD ROCK SHELTER (FRANCE)**  
Uzunidis, Antigone (Paris 1 Panthéon-Sorbonne University; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Blasco, Ruth (Institut Català de Paleoecologia Humana i Evolució

Social - IPHES-CERCA; Departament d'Història i Història de L'Art, Universitat Rovirai Virgili) - Brugal, Jean-Philip (CNRS, Aix Marseille University, Minist, Culture, UMR 7269 Lampea) - Fourcade, Tiffanie (Archéosciences Bordeaux, UMR 6034, Université Bordeaux Montaigne - CNRS - EPHE; Environnements et Paléoenvironnements Océaniques et Continentaux EPOC, UMR 5805, Université de Bordeaux) - Ochando, Juan (Department of Plant Biology, Faculty of Biology, University of Murcia; Sapienza University of Rome, Department of Environmental Biology) - Rosell, Jordi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de L'Art, Universitat Rovirai Virgili) - Roussel, Audrey, Archaeology of Environments and Resources, ASMLaboratory, UMR 5140, 'Archaeology of Mediterranean Societies', Université Paul Valéry-Montpellier 3) - Rufa, Anna (ICArEHB - Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve; PACEA UMR 5199, Univ. Bordeaux) - Sanchez Goni, Maria (Environnements et Paléoenvironnements Océaniques et Continentaux EPOC, UMR 5805, Université de Bordeaux; Ecole Pratiques des Hautes Etudes, PSL University) - Rivals, Florent (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de L'Art, Universitat Rovirai Virgili; ICREA)

9:15 **DISCUSSION SLOT**

- 9:30 **NEANDERTHALS AND MODERN HUMANS IN COMPARISON: HUNTING STRATEGIES AND CARCASS EXPLOITATION BETWEEN THE MIDDLE AND UPPER PALAEOLITHIC IN CENTRAL-SOUTHERN ITALY**  
Boschin, Francesco (Università degli Studi di Siena, DSFTA; Accademia dei Fisiocritici; Centro Studi Sul Quaternario Odv) - Paolo, Boscato (Università degli Studi di Siena, DSFTA; Accademia dei Fisiocritici) - Ronchitelli, Annamaria (Università degli Studi di Siena, DSFTA) - Moroni, Adriana (Università degli Studi di Siena, DSFTA; Centro Studi Sul Quaternario Odv) - Spagnolo, Vincenzo (Università degli Studi di Siena, DSFTA) - Jacopo, Crezzini (Department of Biology, University of Florence; Università degli Studi di Siena, DSFTA; Accademia dei Fisiocritici)
- 9:45 **HUMAN DIET AND ECOLOGY DURING THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN PORTUGUESE ESTREMADURA: THE CASE FROM LAPA DO PICAREIRO**  
Carvalho, Milena (Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour) - Ellis, Grace (Dept. of Anthropology and Geography, Colorado State University; Interdisciplinary Centre for

Archaeology and Evolution of Human Behaviour) - Benedetti, Michael (Department of Earth and Ocean Sciences, University of North Carolina Wilmington; Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour) - Friedl, Lukas (Department of Anthropology, University of West Bohemia; Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour) - Cascalheira, João - Bicho, Nuno (Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour) - Haws, Jonathan (Department of Anthropology, University of Louisville; Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour)

10:00 **HOW TO TAKE SEASONALITY ANALYSIS A STEP FURTHER? A COMBINED ZOOARCHAEOLOGICAL AND GEOARCHAEOLOGICAL APPROACH**  
Roussel, Audrey (Paul Valéry University of Montpellier 3; UMR 5140 ASM) - Vandeveld, Ségolène (University of Québec at Chicoutimi; CERM/Lhaso) - Gourichon, Lionel (Côte d'Azur University; CNRS, UMR 7264 CEPAM) - Brugal, Jean-Philip (Aix Marseille University; CNRS, UMR 7269 Lampea)

10:15 DISCUSSION SLOT

11:00 **AMELOGENIN ANALYSIS OF FAUNAL DENTAL SAMPLES IN EL SALT'S STRATIGRAPHIC UNIT XA (ALACANT, SPAIN): DECIPHERING NEANDERTHAL SUBSISTENCE APPROACHES**  
Egüez, Natalia (University of California Davis; Universidad de la Laguna) - Parker, Glendon (University of California Davis) - Pérez, Leopoldo (Universitat de Valencia; Institut Català de Paleoecologia Humana i Evolució Social Iphes) - Hernández, Cristo (Universidad de la Laguna) - Eerkens, Jelmer (University of California Davis) - Mallof, Carolina (Universidad de la Laguna)

11:15 **CUTMARKS AS KEYSTONE OF COMPREHENSION OF PAST BUTCHERING PRACTICES: THE CASE OF THE QUINA MOUSTERIAN BUTCHERING CAMP 'LES PRADELLES' (FRANCE)**  
Regis-Franzke, Enya (TRACES UMR 5608 - University of Toulouse Jean-Jaurès) - Soulier, Marie-Cécile (TRACES UMR 5608 - University of Toulouse Jean-Jaurès) - Costamagno, Sandrine (TRACES UMR 5608 - University of Toulouse Jean-Jaurès)

11:30 **A NEW EXPERIMENTAL PROGRAM TO UNDERSTAND THE EXPLOITATION OF RABBIT BY BOTH NEANDERTHALS AND ANATOMICALLY MODERN HUMANS**  
Real, Cristina (Departamento de Prehistoria, Arqueología e Historia Antigua, Universidad of Valencia) - Carvahlo, Milena (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour,

Universidade do Algarve) - Haws, Jonathan (University of Louisville) - Rufã, Anna (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve; PACEA-UMR 5199, Université de Bordeaux) - Sanchis, Alfred (Museu de Prehistòria, Servei d'Investigació Prehistòrica, Diputació de València) - Pérez, Leopoldo (Departamento de Prehistoria, Arqueología e Historia Antigua, Universidad of Valencia; Institut Català de Paleoecologia Humana i Evolució Social Iphes) - Martínez, Abel (Departamento de Prehistoria, Arqueología e Historia Antigua, Universidad of Valencia)

11:45 DISCUSSION SLOT

#### 406 **?DOING GOOD WITH ARCHAEOLOGY?: SOCIAL SUSTAINABILITY AND ACTIVISTIC PRACTICES TO TRANSFORM PEOPLE'S LIVES AND SUPPORT FLOURISHING COMMUNITIES**

**Room:** 31=CU002-FLG-Aula C

**Time:** 8:30 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Ripanti, Francesco (Trinity College Dublin) - Sayer, Faye (University of Birmingham) - Dobat, Andres (Aarhus University) - Monckton, Linda (Historic England)

#### ABSTRACTS

8:30 INTRODUCTION

8:45 **A BEHAVIOURAL SCIENCE-BASED APPROACH TO HERITAGE: IMPROVING VISITOR DIVERSITY AND ADDRESSING WELLBEING INEQUALITY AT BILTMORE ESTATE**  
Sayer, Faye (The University of Birmingham)

9:00 **ARCHAEOLOGY AS HEALING MAGIC**  
Dobat, Andres (Department of Archaeology, Aarhus University)

9:15 **TRANSFORMATIVE JOURNEYS: UNDERSTANDING THE SOCIAL DYNAMICS OF ARCHAEOLOGY-BASED WELLBEING INTERVENTIONS**  
Ripanti, Francesco (Trinity College Dublin)

9:30 DISCUSSION SLOT

9:45 **WELLBEING IN HERITAGE AND WELLBEING THROUGH HERITAGE**  
Monckton, Linda (HE - Historic England)



- 10:00 **DOWN AND DIRTY WITH ARCHEOLOGICAL ARTEFACTS**  
Smith, Aja - Dobat, Andres (Department of Archeology and Heritage Studies, Aarhus University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **IF HERITAGE IS GOOD FOR WELLBEING, WHY ARE PROFESSIONALS SO MISERABLE?**  
May, Sarah (ARUP)
- 11:15 **EMBEDDING SOCIAL IMPACT AND VALUE INTO A CLIENT'S PROJECT: THE SUCCESS AND CHALLENGES**  
Latham, Alexandra - Brooks, Poppy (Arcadis Consulting Ltd)
- 11:30 **TRANSFORMING COMMUNITIES THROUGH DEVELOPER-LED ARCHAEOLOGY IN SCOTLAND**  
Johnston, Emily (The University of Edinburgh)
- 11:45 **DISCUSSION SLOT**
- 12:00 **EMPOWERING CHANGE: SOCIAL ACTIVISM ON STANTON MOOR**  
Bowyer-Kazadi, Emily (University of Liverpool)
- 12:15 **A STOP ON THE JOURNEY. WHERE WE WANT TO GO? ARCHAEOLOGY AND ITS CAPACITY FOR ACTION IN THE RURAL WORLD**  
Delgado, José (University of Oviedo) - López, Pablo (University of Leon)
- 12:30 **UNCOVERING PAST TENDENCIES FOR FUTURE INSIGHT: THE IMPACT OF RESEARCH ON GREENLANDIC INUIT REMAINS FROM ARCHAEOLOGICAL CONTEXTS**  
Elleskov, Sara (ADBOU – Unit of Anthropology, University of Southern Denmark)
- 12:45 **DISCUSSION SLOT**
- 14:00 **GROWING GOOD WITH ARCHAEOLOGY**  
Birkelund, Kristina (Museum of Cultural History University of Oslo)
- 14:15 **ARCHAEOINFORMATICS: TOWARDS A PUBLIC ARCHAEOLOGY**  
Megalooikononou, Pavlos-Stylianou (National Technical University of Athens) - Chroni, Athina (Hellenic Ministry of Education, Religious Affairs and Sports; National Technical University of Athens)
- 14:30 **ADVENTURE TIME, CULTURAL AWARENESS, AND PUBLIC ENGAGEMENT IN UKRAINIAN ARCHAEOLOGY**  
Hemberzhevskaya, Daria (Petro Mohyla Black Sea National University) - Radchenko, Simon (University of Stavanger)
- 14:45 **DISCUSSION SLOT**

- 15:00 **NEOZOIK FOUNDATION: EMPOWERING YOUTH IN UNDERDEVELOPED AREAS OF SERBIA THROUGH HANDS-ON ARCHAEOLOGICAL LEARNING**  
Bogojevic, Maša (Faculty of Tourism Studies - Turistica, University of Primorska)
- 15:15 **20 YEARS OF ARCHAEOLOGY IN VIGNALE. AN EVALUATION OF A RESEARCH PROJECT BEYOND THE ACADEMY**  
Luppino, Luca - Scoz, Jacopo (La Sapienza Università di Roma) - Ripanti, Francesco (Trinity College Dublin)
- 15:30 **TEACHING THROUGH ARCHAEOLOGY: SCIENCE TEACHING, CULTURAL HERITAGE, AND DEMOCRATIC FORMATION**  
Toftdal, Mia - Andersson, Marie (Museum of Copenhagen)
- 15:45 **DISCUSSION SLOT**

#### 409 **OUT ACROSS THE SEA: BELL BEAKER MARITIME CONNECTIONS AND NETWORKS IN THE MEDITERRANEAN**

- Room:** 102=CNR01-FLG-Biblioteca  
**Time:** 8:30 - 16:00  
**Theme:** 6. The Mediterranean from Within  
**Format:** Session with keynote presentation and discussion  
**Organisers:** Derenne, Eve (Johannes Gutenberg University Mainz) - Ivanova-Bieg, Maria (Johannes Gutenberg University Mainz) - Sousa, Ana Catarina (University of Lisbon) - Cámara Serrano, Juan Antonio (University of Granada) - Giannitrapani, Enrico (Arkeos)

#### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **SEASCAPES: TRACING THE EMERGENCE AND SPREAD OF MARITIME NETWORKS IN THE MEDITERRANEAN DURING THE 3RD MILLENNIUM BCE**  
Ivanova-Bieg, Maria (University of Mainz) - Cramp, Lucy (University of Bristol) - Derenne, Eve (University of Mainz)
- 9:00 **EXCHANGE NETWORKS DURING THE CHALCOLITHIC PERIOD OF THE IBERIAN PENINSULA**  
Schuhmacher, Thomas (German Archaeological Institute - Madrid Department)
- 9:15 **DISCUSSION SLOT**

- 9:30 **SARDINIA BETWEEN THE CHALCOLITHIC AND THE BRONZE AGE: THE RELATIONSHIP BETWEEN THE BELL BEAKER PHENOMENON AND INDIGENOUS CULTURES**  
Cicilloni, Riccardo (University of Cagliari)
- 9:45 **DISCUSSION SLOT**
- 10:00 **ARCHAEOGENETICS ILLUMINATES BELL BEAKER FAMILY NETWORKS ACROSS WESTERN EUROPE**  
Olalde, Iñigo (Departamento de Zoología y Biología Celular Animal, Universidad del País Vasco; Ikerbasque - Basque Foundation for Science; Department of Human Evolutionary Biology, Harvard University) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Department of Genetics, Harvard Medical School; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of MIT and Harvard) - Ringbauer, Harald (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)
- 10:15 **DISCUSSION SLOT**
- 11:00 **HUMAN (ENVIRONMENT) INTERACTIONS IN THE MEDITERRANEAN DURING THE COPPER AGE: A FOCUS ON CENTRAL-SOUTHERN ITALY**  
Bernardini, Sara (Department of Cultural Heritage, University of Bologna; Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome; Aix Marseille Univ, CNRS, Minist Culture, Lampea) - Farese, Martina (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome) - Goude, Gwenaëlle (Aix Marseille Univ, CNRS, Minist Culture, Lampea) - Tafuri, Mary Anne (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome)
- 11:15 **ARCHER BRACELETS FROM THE LARGE ITALIAN ISLANDS, SARDINIA AND SICILY: DISTRIBUTION AND CIRCULATION**  
Spanedda, Liliana - Pau, Claudia (University of Granada)
- 11:30 **THE MARITIME CONNECTIVITY OF MEDITERRANEAN AFRICA DURING THE 'LONG' THIRD MILLENNIUM BC**  
Broodbank, Cyprian (McDonald Institute, University of Cambridge) - Lucarini, Giulio (National Research Council of Italy, Institute of Heritage Science) - Bokbot, Youssef (Institut National des Sciences de l'Archéologie et du Patrimoine, Morocco)
- 11:45 **DISCUSSION SLOT**

- 12:00 **UNVEILING THE IVORY TRAIL: EXPLORING TRANS-REGIONAL CONNECTIVITY AND MOBILITY PATTERNS IN THE MEDITERRANEAN BELL BEAKERS THROUGH COMPUTATIONAL MODELLING**  
Morillo León, José Miguel (Christian Albrecht University of Kiel) - Kempf, Michael (Quaternary Geology, Department of Environmental Sciences, University of Basel) - Bilotti, Giacomo (Christian Albrecht University of Kiel)
- 12:15 **COPPER, GOLD, IVORY AND CINNABAR: POWER DISPLAY AND EXCHANGE NETWORKS IN THE BELL BEAKER TOMBS OF HUMANEJOS (PARLA, MADRID, SPAIN).**  
Garrido-Pena, Rafael - Paulos-Bravo, Rodrigo (Universidad Complutense de Madrid) - Flores-Fernández, Raúl (Independent Scholar) - Herrero-Corral, Ana (Austrian Archaeological Institute, Austrian Academy of Sciences)
- 12:30 **THE COPPER'S SHINE. AN APPROACH TO PALMELA ARROWHEADS BASED ON THE COLLECTION FROM THE ALCOBAÇA CAVES (ALCOBAÇA, PORTUGAL)**  
Santos, Michelle (Independent Research) - Delicado, Cátia (Faculdade de Letras da Universidade de Lisboa)
- 12:45 **DISCUSSION SLOT**
- 14:00 **PRODUCTION AND CIRCULATION: THE POTTERY FROM THE SITE OF EL CERRO DE LA VIRGEN (ORCE, GRANADA SPAIN) (2600/2500-2150/1900 BC).**  
Pinillos de la Granja, Paula (Universidad de Granada) - Dorado Alejos, Alberto - Cámara Serrano, Juan Antonio (Departament of Prehistory and Archaeology, University of Granada) - Molina González, Fernando (Departament of Prehistory and Archaeology (University of Granada)
- 14:15 **THE ORANGE AND GREY VS.BELL BEAKER CERAMIC PRODUCTIONS AT LOS MILLARES (ALMERÍA, SPAIN).NEW BASES FOR THEIR SEQUENTIAL AND TECHNOLOGICAL INTERPRETATION**  
Castillo Gallego, Francisco (University of Granada) - Dorado Alejos, Alberto (Lab. of Archaeometry, Department of Prehistory and Archaeology, University of Granada) - Cámara Serrano, Juan (Department of Prehistory and Archaeology, University of Granada)
- 14:30 **THE BELL BEAKER LEVELS OF CAL CONDE (CABRERA DE MAR, SPAIN): PRELIMINARY RESULTS AND ARTIFACT ANALYSIS OF A MEDITERRANEAN SITE**  
Marín González, Lara - Sanmiguel de la Fuente, Ana - Monforte-Barberan, Andreu - Molist Montaña, Miquel - Bach Gómez, Anna (Universitat Autònoma de Barcelona)
- 14:45 **DISCUSSION SLOT**

## 426 WHEN GEOPHYSICS MEETS ARCHAEOLOGY: EXAMPLES FROM CULTURAL HERITAGE TO RESCUE ARCHAEOLOGY

**Room:** 79=CU002-FL3-Aula 301

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Barone, Pier Matteo (American University of Rome; Forensic Geoscience Italy) - Petersson, Håkan (University of Gothenburg, Department of Historical Studies; Sydsvensk Arkeologi Ltd) - Capizzi, Patrizia (Università di Palermo; Associazione Italiana del Georadar) - Tencer, Tomáš (Masaryk University, Department of Archaeology and Museology) - Moëll Pedersen, Grethe (University of Stavanger; Museum of Archaeology Department of Cultural Heritage)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 SEEING WITH OTHER(S) EYES. GEOPHYSICS AND DEVELOPMENT-LED ARCHAEOLOGY FOR SECTION 3 OF SIBIU - PITESTI (A1) MOTORWAY CONSTRUCTION IN ROMANIA  
Asandulesei, Andrei ("Alexandru Iona Cuza" University of Iași) - Borș, Corina (National History Museum of Romania) - Florea, Mihai - Ștefan, Maria-Magdalena (National History Museum of Romania) - Șuteu, Călin (Gigapixel Art S.R.L)
- 9:00 HERITAGE ASSESSMENT AND GEOPHYSICS: CHALLENGING 'RESCUE ARCHAEOLOGY' IN CONSULTANCY  
Brooks, Poppy - Latham, Alexandra (Arcadis)
- 9:15 LARGE SCALE MAGNETOMETRY SURVEY FOR MAJOR TRANSPORT INFRASTRUCTURE DEVELOPMENT - THE UK HS2 CASE STUDY  
Carver, Jay (4Ad Consultants Ltd)
- 9:30 EARLY MEDIEVAL HILLFORT PRAGUE-VINOŘ: GEOPHYSICAL SURVEY AS A PART OF THE ARCHAEOLOGICAL INVESTIGATION  
Fajta, Martin (Department of Archaeology, Faculty of Arts, Charles University)
- 9:45 COVERING NEW GROUND: GPR AND DEVELOPMENT-LED ARCHAEOLOGICAL SURVEYS IN ROGALAND, SOUTHWEST NORWAY  
Pedersen, Grethe - Gil Bell, Theo (Museum of Archaeology, University of Stavanger)

- 10:00 ADVANCING ARCHAEOLOGICAL CONSERVATION PRACTICE: GEOPHYSICAL SURVEYS IN MANTUA  
Strapazzon, Guglielmo (Independent Researcher) - Marastoni, Chiara (Soprintendenza Archeologia, Belle Arti e Paesaggio of Lodi and Mantova) - Kainz, Jakob (University of Vienna) - Betto, Andrea (Arcsat Snc di Valente Vincenzo e C)
- 10:15 DISCUSSION SLOT
- 11:00 STRATEGIC USE OF GPR SURVEYS WITHIN CONTRACT-ARCHAEOLOGY. EXPECTATIONS AND EVALUATION OF POTENTIAL IN SWEDEN  
Petersson, Håkan (Department of Historical Studies, University of Gothenburg; Sydsvensk Arkeologi Ltd)
- 11:15 INTEGRATING GEOPHYSICAL AND GEOCHEMICAL DATA IN ARCHAEOLOGY - EXPERIENCE AND PRELIMINARY RESULTS FROM SEVERAL PROJECTS  
Horak, Jan - Fišer, Jan (University of Hradec Králové, Department of Archaeology) - Milo, Peter - Tencer, Tomáš - Goláňová, Petra (Masaryk University, Department of Archaeology and Museology) - Parma, David (Institute for Archaeological Heritage, Brno) - Tichá Bambasová, Sylva - Soltészová, Kitty (University of Hradec Králové, Department of Archaeology) - Holas, Matouš (Museum of Eastern Bohemia in Hradec Králové) - Kindelmann, Petr (Osina Archo)
- 11:30 USE OF GROUND-PENETRATING RADAR FOR ARCHAEOLOGICAL EXCAVATIONS AND CULTURAL HERITAGE MANAGEMENT IN THE CZECH REPUBLIC  
Tencer, Tomáš - Vágner, Michal - Milo, Peter - Šálka, Dávid - Havelka, Jan-Apač - Rekemová, Anna-Mária - Dejmal, Miroslav (MUNI - Ústav Archeologie a Muzeologie)
- 11:45 DISCUSSION SLOT
- 12:00 GEOPHYSICAL SURVEYS REVEAL THE HIDDEN CITYSCAPE OF VULCI  
Ullrich, Burkart - Meyer, Jess (Eastern Atlas) - Franceschini, Mariachiara (Albert-Ludwigs-Universität Freiburg) - Pasięka, Paul (Johannes Gutenberg-Universität Mainz)
- 12:15 NECROPOLIS IN MOKRIN - A GEOPHYSICAL CASE STUDY  
Pentic, Jugoslav (Ttc Top Travel Centar)
- 12:30 GPR IN NORWEGIAN CULTURAL HERITAGE MANAGEMENT - RESEARCH PROJECTS AND MAPPING OF KNOWN ARCHAEOLOGICAL SITES  
Hillesland, Kristoffer - Sæther, Øyunn (University of Stavanger)
- 12:45 DISCUSSION SLOT

- 14:00 **CHURCHES AND HISTORICAL BUILDINGS: A CULTURAL PATRIMONY HIDDEN AMONG US.**  
Persico, Raffaele (University of Calabria)
- 14:15 **THE AVENTINUS MINOR PROJECT: REMOTE SENSING FOR ARCHAEOLOGICAL RESEARCH IN ROME**  
Wueste, Elizabeth - Facchin, Giulia - Barone, Piermatteo (The American University of Rome; Geoscienze Forensi Italia; Ancrim (Associazione Nazionale Criminologi e Criminalisti)
- 14:30 **EXPERIENCING GPR AT THE CASTELLO SFORZESCO IN MILAN: BETWEEN HISTORY AND DIGITIZATION. MULTIDISCIPLINARY APPROACH FOR A CULTURAL HERITAGE**  
Biolo, Francesca (Politecnico di Milano, Department of Architecture, Built Environment and Construction Engineering) - Porcu, Maurizio (Codevintec Italiana S.R.L) - Guzzetti, Franco (Politecnico di Milano, Department of Architecture, Built Environment and Construction Engineering)
- 14:45 **DISCUSSION SLOT**
- 15:00 **GPR - IMPACT OF USE IN DEVELOPMENT LED ARCHAEOLOGICAL PROJECTS**  
Eilertsen, Krister (Museum of Archaeology, University of Stavanger)
- 15:15 **3D GPR MODEL OF A FLOOR MOSAIC OF THE LATOMIA DEI NICCOLINI (MARSALA, SICILY)**  
Carollo, Alessandra - Capizzi, Patrizia - Martorana, Raffaele (Department of Earth and Marine Sciences, University of Palermo) - Abrignani, Alessandro (Freelance Researcher) - Castiglia, Angelina (Properart Cooperative Company, Enna) - Griffo, Maria Grazia (Lilybaeum-Marsala Archaeological Park) - Lo Brutto, Mauro (Department of Engineering, University of Palermo) - Occhipinti, Anna Vincenza (Lilybaeum-Marsala Archaeological Park)
- 15:30 **DISCUSSION SLOT**
- 15:45 **DISCUSSION SLOT**

## 430 CURRENT TRENDS AND FUTURE DIRECTIONS IN QUARRIES AND ROCK-CUT SITES STUDIES: THEORY, METHOD AND DISSEMINATION

- Room:** 48=CU006-FLG-Aula C  
**Time:** 11:00 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Doperé, Frans (KU Leuven Research Group Archeology) - Whitaker, Katy (Historic England) - Sciuto, Claudia (University of Pisa) - Morleghem, Daniel (La Sapienza University) - Liboutet, Marion (État de Fribourg/Arthehis)

### ABSTRACTS

- 11:00 **QUARRYING, PROCESSING AND DISTRIBUTION OF THE JIZERA MOUNTAINS TYPE METABASITE (CZECH REPUBLIC). ARCHAEOLOGY OF MAIN LBK RAW MATERIAL SOURCE.**  
Trampota, Frantisek - Burgert, Pavel (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Kachlík, Václav (Department of Geology and Paleontology, Faculty of Science, Charles University) - Šída, Petr (Department of Archaeology, Philosophical Faculty, University of Hradec Králové) - Přichystal, Antonín (Department of Geological Sciences, Faculty of Science, Masaryk University)
- 11:15 **THE QUARRYSCAPE OF ITANOS: MAPPING THE STONE ECONOMY OF A CRETAN CITY-STATE**  
Vanden Broeck-Parant, Jean (Uclouvain - Université Catholique de Louvain) - Viviers, Didier - Tsingarida, Athéna (ULB - Université Libre de Bruxelles)
- 11:30 **QUARRY SURVEY AND BUILDING ARCHAEOLOGY, HOW TO ESTABLISH A MEANINGFUL LINK IN CLASSICAL ARCHEOLOGY?**  
Doperé, Frans (Research Group Archaeology KU Leuven)
- 11:45 **CONTEXTUALIZATION OF LATE ANTIQUE AND EARLY MEDIEVAL SCULPTURE ON THE ISLAND OF KRK (CROATIA) BASED ON MINERALOGICAL-PETROGRAPHIC ANALYSIS OF STONE**  
Beloševic, Nikolina (Faculty of Humanities and Social Sciences, University of Rijeka) - Šprem, Katarina (Independent Researcher)
- 12:00 **ANCIENT QUARRYING AND PROCESSING OF SILICATE SOFTSTONE IN EASTERN MADAGASCAR**  
Nitsche, Christoph - Serneels, Vincent (University of Fribourg)

- 12:15 THE CASTLE TOWN OF ARCONCIEL (CANTON LONDON OF FRIBOURG). USE AND INSERTION INTO THE ROCK: METHODOLOGY AND MULTIDISCIPLINARY APPROACH  
Liboutet, Marion (Service Archéologique de l'Etat de Fribourg; UMR 6298 Artheis) - Bizri, Mélinda (Université de Bourgogne; UMR 6298 Artheis)
- 12:30 CARVING A FUTURE: HBIM FRAMEWORK FOR CAPPADOCIA'S ROCK-CARVED ENVIRONMENTS  
Kurcenli Koyunlu, Sena (Carleton University) - Fai, Stephen (Carleton Immersive Media Studio CIMS, Carleton University)
- 12:45 DISCUSSION SLOT

### 438 IN SPE RESURRECTIONIS. THE MULTIDISCIPLINARY APPROACH TO CRYPT BURIALS IN EARLY MODERN EUROPE

- Room:** 29=CU002-FL1-Aula IX  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Slusarska, Katarzyna - Majewski, Marcin (University of Szczecin) - Rennwanz, Joanna (Joanna Rennwanz Institute of Archaeology and Ethnology of the Polish Academy of Sciences) - Grupa, Małgorzata (Nicolaus Copernicus University) - Ströbl, Regina (Forschungsstelle Gruft)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 IT CAN ONLY BE DONE TOGETHER - THE NECESSITY OF INTERDISCIPLINARY COLLABORATION IN CRYPT RESEARCH  
Ströbl, Regina - Ströbl, Andreas (Forschungsstelle Gruft, Lübeck)
- 14:30 WOODEN COFFINS FROM CRYPTS - EXEMPLIFICATION OF RESEARCH METHODS IN POLAND FROM WORLD WAR II TO THE PRESENT  
Majorek-Lipowicz, Magdalena (University of Lodz; Institute of Archaeology)
- 14:45 INTERDISCIPLINARY RESEARCH OF CRYPT BURIALS IN SOUTHWEST FINLAND  
Paasikivi, Sofia - Moilanen, Ulla (University of Turku)

- 15:00 SACRED BURIAL STRUCTURES DURING THE EARLY CHRISTIAN PERIOD IN THE TERRITORY OF KOSOVO  
Hoxha, Zana (Institute of Albanology)
- 15:15 THE FAMILY BURIAL VAULTS AT ST PATRICK'S ROMAN CATHOLIC CHURCH, LIVERPOOL IN THE CONTEXT OF THE 19TH-CENTURY URBAN BURIAL CRISIS  
Fairley, Anna - Mytum, Harold (University of Liverpool)
- 15:30 BURIAL OF BISHOP STEFAN WIERZBOWSKI AND THREE SETS OF LITURGICAL VESTMENTS, GÓRA KALWARIA, MASOVIAN VOIVODSHIP, POLAND  
Grupa, Małgorzata (Nicolaus Copernicus University) - Grupa, Dawid (Archaeologist)
- 15:45 DISCUSSION SLOT
- 16:30 FUNERAL DRESSES FROM THE CRYPT OF THE WEJHER FAMILY IN THE PARISH CHURCH IN PUCK  
Grupa, Dawid (Archaeologist) - Blusiewicz, Karolina (University of Warsaw) - Grupa, Małgorzata (Nicolaus Copernicus University in Toruń)
- 16:45 18TH-CENTURY CHILDREN'S FUNERAL FASHION - ANALYSIS OF RESEARCH POSSIBILITIES BASED ON OBJECTS FROM THE CRYPTS IN THE CHURCH IN SZCZUCZYN  
Greding, Danuta (Nicolaus Copernicus University in Toruń, Institute of Cultural Studies) - Dobek, Mikołaj (Nicolaus Copernicus University in Toruń, Institute of Archaeology)
- 17:00 NOT NECESSARILY LACE AND RUFFLES: ANALYSIS OF CLOTHES FROM BURIAL NO.2 FROM THE WESTERN CRYPT OF THE CHURCH IN SZCZUCZYN  
Dobek, Mikołaj (Nicolaus Copernicus University in Toruń, Institute of Archaeology) - Greding, Danuta (Nicolaus Copernicus University in Toruń, Institute of Cultural Studies)
- 17:15 FAMILY IN THE VAULT. THE WEST POMERANIAN NOBLES' CRYPT BURIAL STUDY PROGRAM - CASE STUDIES  
Slusarska, Katarzyna - Majewski, Marcin (University of Szczecin) - Rennwanz, Joanna (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Ogiewa-Sejnota, Monika (Archaeological and Historical Museum in Stargard)
- 17:30 XYOLOGICAL ANALYSIS OF STICKS FOUND IN COFFINS FROM CRYPTS IN KAZIMIERZ BISKUPI AND BYSZEWO (POLAND)  
Michalik, Jakub (Nicolaus Copernicus University in Torun)

- 17:45 ANTI-PLAGUE AMULET FROM ARCHAEOLOGICAL RESEARCH OF THE PARISH CHURCH IN KOŃSKOWOLA (LUBLIN VOIVODESHIP, POLAND)  
Openkowski, Rafal - Michalik, Jakub (Nicolaus Copernicus University in Torun)
- 18:00 THE CANON'S GRAVE IN THE PARISH CHURCH IN BYDGOSZCZ (POLAND). IDENTIFICATION ATTEMPT  
Nowosad, Wieslaw (Nicolaus Copernicus University in Toruń)
- 18:15 DISCUSSION SLOT

#### 446 THE GRAND TOUR BETWEEN TRADITION AND TRANSFORMATION: NARRATIVES, PRESENTATIONS, AND REPRESENTATIONS

- Room:** 21=CU003-FL4-Aula C  
**Time:** 8:30 - 13:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Martins, Ana Cristina (Ihc - Polo Universidade de Évora / In2Past) - Dross-Krüpe, Kerstin (Ruhr-Universität Bochum - Alte Geschichte) - Mora, Gloria (Universidad Autonoma de Madrid) - Manzetti, Maria Cristina (University of Cyprus)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 A WORLD MADE BY TRAVEL: INTRODUCING THE GRAND TOUR EXPLORER FOR A DIGITAL STUDY OF THE GRAND TOUR  
Ceserani, Giovanna (Stanford University)
- 9:00 THE TRANSFORMATIONS OF THE GRAND TOUR: FROM CULTURAL TRAVEL TO MASS TOURISM  
Mora, Gloria (Universidad Autónoma de Madrid)
- 9:15 GRAND TOURS AND ANTIQUARIANISM IN 18TH CENTURY FINLAND  
Kunnas, Liisa (University of Helsinki)
- 9:30 J.-P. HOUËL: ENGRAVINGS AND TRAVEL NOTES FOR THE RECONSTRUCTION OF THE ANCIENT LANDSCAPE OF THE AEOLIAN ISLANDS  
Giuliano, Francesco (Scuola Superiore Meridionale)
- 9:45 TOUR À TOUR. THE CHANGING IMAGE OF RAVENNA THROUGH THE DRAWINGS OF CULTURED TRAVELLERS  
Emaldi, Elisa (Museo Nazionale di Ravenna - Ministero della Cultura) - Novara, Paola (Museo Nazionale di Ravenna - Ministero della Cultura)

- 10:00 UNDER THE GUIDANCE OF GEROG ZOEGA. THE EXPERIENCE OF RUINS AT THE DAWN OF ARCHAEOLOGICAL SCIENCE  
Cabula, Gianluca (Tor Vergata University of Rome)
- 10:15 DISCUSSION SLOT
- 11:00 FRANZ I. OF AUSTRIA AND HIS JOURNEY THROUGH ITALY 1819 - AN IMPERIAL GRAND TOUR?  
Ertl, Claudia - Modl, Daniel (Universalmuseum Joanneum)
- 11:15 POMPEIAN NARCISSUS IN CENTRAL EUROPEAN COLLECTIONS: COPIES OF ANCIENT ANTIQUITIES AND ARCHAEOLOGICAL AUTHENTICITY IN THE 19TH CENTURY COLLECTORS' MARKET  
Petreková, Eliška (Masaryk University)
- 11:30 „I DON'T UNDERSTAND HOW THE GENTLEMEN OF MY COUNTRY DON'T COME TO ROME...“. THE GRAND TOUR TRADITION IN SPAIN  
Sánchez, Jorge (Universidad Complutense)
- 11:45 DISCUSSION SLOT
- 12:00 THE GRAND TOUR, THE FRENCH WRITER FERDINAND DENIS (1798-1890) AND THE DEFINITION OF A PORTUGUESE ARTISTIC IDENTITY  
Rodrigues, Paulo (University of Evora; CHAIA -Centre for Art History and Artistic Research)
- 12:15 JOURNEYS OF ENLIGHTENMENT: EXPLORING ARCHAEOLOGICAL PERSPECTIVES THROUGH THE 19TH-CENTURY DIARIES OF MARIA CONSTANÇA DA CÂMARA, MARCHIONESS OF FRONTEIRA  
Urbano, Pedro - Martins, Ana Cristina (Ihc - Ué / In2Past)
- 12:30 GRAND TOURS IN REVERSE: ANTIQUITIES TOURISM IN GREEK SATIRICAL FICTION OF THE 1840S  
Jotischky, Christopher (Brown University)
- 12:45 DISCUSSION SLOT

## 452 COASTAL TECHNOLOGY AMONG STONE AGE HUNTER-GATHERERS AND EARLY AGROPASTORAL COMMUNITIES

**Room:** 13=CU003-FL1-Nobile

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Calvo-Gómez, Jorge (CNRS - University of Rennes) - Schülke, Almut - Berg-Hansen, Inger (Museum of Cultural History - University of Oslo) - Macane, Aija (Latvian History Institute - University of Latvia)

### ABSTRACTS

14:00 INTRODUCTION

14:15 THE CHAÎNE OPÉRATOIRE OF THE SOAPSTONE 'COFFEE BEAN' SINKERS OF STONE AGE NORWAY

Adegeest, Mette - Radchenko, Symon (University of Stavanger)

14:30 TRACKING MESOLITHIC MOBILITY IN SOUTH SCANDINAVIA: LITHIC TECHNOLOGY AND ISOTOPIC PROVENANCING OF FAUNAL REMAINS FROM NORJE SUNNANSUND AND LJUNGAVIKEN, SWEDEN

Kjallquist, Mathilda (Lund University)

14:45 IS THE TECHNOLOGICAL (AND SOCIAL) ORGANIZATION IN EARLY MESOLITHIC NORWAY REALLY UNIFORM, IF WE BREAK IT DOWN, LITTLE BY LITTLE?

Dugstad, Sigrid - Eigeland, Lotte (Museum of Archaeology, University of Stavanger)

15:00 TO THE QUESTION OF THE GENESIS OF THE NEOLITHIC COMPLEXES OF THE NORTHERN ARAL SEA REGION

Rakhimzhanova, Saule - Aminova, Rimma (Margulan Institute of Archaeology, Kazakhstan)

15:15 FUNCTIONAL ANALYSIS OF THE MACRO-TOOLS OF THE LATE MESOLITHIC SHELL MIDDEN SITES IN MORBIHAN (BRITTANY)

Dehurtevent, Alexanne (CREAAH)

15:30 TECHNICAL SYSTEMS OF MESOLITHIC COASTAL GROUPS AROUND THE BAY OF BISCAY: A FUNCTIONAL APPROACH THROUGH USE-WEAR ANALYSIS ON KNAPPED TOOLS

Calvo-Gómez, Jorge (University of Rennes - CNRS) - Cuenca-Solana, David (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - Universidad de Cantabria) - Gutiérrez-Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria -

Universidad de Cantabria) - Marchand, Grégor (University of Rennes - CNRS)

15:45 DISCUSSION SLOT

16:30 TECHNOLOGICAL DEVELOPMENTS IN THE LATE MESOLITHIC AND NEOLITHIC WETLANDS OF THE RHINE MEUSE DELTA: A VIEW FROM THE MICROSCOPE

Van Gijn, Annelou - Van Den Dikkenberg, Lasse - Verbaas, Annemieke (Faculty of Archaeology, Leiden University)

16:45 TEETH AS TECHNICAL TOOLS? ANALYSING DENTAL WEAR AS AN INDICATOR OF SUBSISTENCE-RELATED ACTIVITIES IN ISLAND INHABITANTS FROM NEOLITHIC NORTHERN GERMANY

Boensch, Victoria-Luise (Kiel University) - Jantzen, Detlef (State Agency for Heritage Service of Mecklenburg-Vorpommern, Schwerin, Germany) - Fuchs, Katharina (Institute of Clinical Molecular Biology, Kiel University)

17:00 DISCUSSION SLOT

## 468 THE RELATIONSHIP BETWEEN RURAL SETTLEMENTS AND THE TERRITORY DURING THE ROMAN PERIOD AND LATE ANTIQUITY.

**Room:** 12=CU003-FL1-Toesca

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Bouzas Sabater, Marc (Universitat de Girona) - Frigola, Joan (Museu Arqueològic de Banyoles) - Turchetto, Jacopo (Università di Padova)

### ABSTRACTS

8:30 INTRODUCTION

8:45 RURAL SETTLEMENTS IN ROMAN ALGERIA: NUNDINAE AND FUNDI, BETWEEN THE AURÈS AND LES ZIBANS

Turchetto, Jacopo - Zanollo, Paola - Meleri, Andrea (University of Padova)

9:00 CHANGING LANDSCAPES AND IDENTITIES IN THE NW OF HISPANIA BETWEEN LATE IRON AGE AND LATE ANTIQUITY

Machado, Diego (Unidade de Arqueologia da Universidade do Minho; Laboratório de Paisagens, Património e Território; Laboratório Associado Para a Investigação e Inovação Em Património, Artes, Sustenta-

bilidade e Território; Fundação Para a Ciência e Tecnologia) - Martins, Manuela (Unidade de Arqueologia da Universidade do Minho; Laboratório de Paisagens, Património e Território; Laboratório Associado Para a Investigação e Inovação Em Património, Artes, Sustentabilidade e Território) - Folgueira Ríos, Francisco (Universidade de Santiago de Compostela) - Dias, Bruno (Universidade do Minho)

- 9:15 **URBAN AND RURAL - NEW INSIGHTS INTO THE SURROUNDINGS OF ROMAN SISCIA**  
Brkic Drnica, Kristina (The Centre for History and Culture of Sisak-Moslavina County)
- 9:30 **DISCUSSION SLOT**
- 9:45 **THE VALUE OF DOLIA IN THE ASSESSMENT OF THE ROMAN RURAL ORGANIZATION. A CASE OF STUDY FROM NORTH-WESTERN HISPANIA**  
Rueda, Maria - Járrega, Ramon (Institut Català d'Arqueologia Clàssica, ICAC)
- 10:00 **EVOLUTION OF THE PRODUCTIVE ORGANIZATION IN THE RIVER VALLEYS OF THE TERRITORIUM OF DIANIUM (DENIA, ALICANTE) IN THE ROMAN EMPIRE**  
Álvarez Tortosa, Juan - Mateo Corredor, Daniel - Molina Vidal, Jaime (University of Alicante)
- 10:15 **DISCUSSION SLOT**
- 11:00 **RURAL LANDSCAPE & LATE ANTIQUITY ON THE AGER TARRACONENSIS: NEW APPROACHES**  
Carrasco López, José (Universitat Autònoma de Barcelona)
- 11:15 **THE STUDY OF THE LATE ANTIQUE SUBURBAN CONTEXTS IN IBERIAN PENINSULA: AN APPROACH TO THE SETTLEMENT PATTERNS**  
Urbina, Isabel (CSIC) - Castro Priego, Manuel (Alcala University) - Diarte-Blasco, Pilar (CSIC)
- 11:30 **DISCUSSION SLOT**
- 11:45 **THE ROMAN VILLA OF COLLET IN THE CONTEXT OF THE COASTAL VILLAS OF THE NORTHEASTERN END OF HISPANIA CITERIOR**  
Moner, Elisabet - Bouzas, Marc - Burch, Josep - Vivó, David (Universitat de Girona)
- 12:00 **THE ROMAN VILLA OF CAN RING OR "DELS POMPEU": AN AGRICULTURAL SETTLEMENT ON THE AGER BISULDUNENSIS**  
Frigola Torrent, Joan (Universitat de Girona; Grup de Recerca Arqueològica del Pla de l'Estany) - Castanyer Masoliver, Pere - Tremoleda Trilla, Joaquim (Grup de Recerca Arqueològica del Pla de l'Estany)

- 12:15 **NEW INSIGHTS OF WOOD MANAGEMENT AND ARBORICULTURE PRACTICES IN THE ROMAN SETTLEMENTS OF VILAUBA AND CAN RING (GIRONA, SPAIN)**  
López Castillo, Eva Maria (Universitat Autònoma de Barcelona) - Berrocal Barberà, Anna (Departament de Prehistòria Universitat Autònoma de Barcelona) - Castanyer Masoliver, Pere (Museu d'Arqueologia de Catalunya-Empúries; Grup de Recerca Arqueològica del Pla de l'Estany) - Frigola Torrent, Joan (Grup de Recerca Arqueològica del Pla de l'Estany) - Limier, Bertand (ISEM, Institut des Sciences de l'Évolution-Montpellier, Université de Montpellier/CNRS/IRD/EPHE; INRAE, Centre Occitanie-Montpellier) - López-Bultó, Oriol (Museu d'Arqueologia de Catalunya) - Piqué Huerta, Raquel (Departament de Prehistòria Universitat Autònoma de Barcelona) - Terral, Jean-Frédéric (ISEM, Institut des Sciences de l'Évolution-Montpellier, Université de Montpellier/CNRS/IRD/EPHE) - Tremoleda Trilla, Joaquim (Museu d'Arqueologia de Catalunya-Empúries; Grup de Recerca Arqueològica del Pla de l'Estany)

12:30 **DISCUSSION SLOT**

#### 470 **BRIDGING THE WALLS: COMPARATIVE PERSPECTIVES ON FORTIFIED SETTLEMENTS**

**Room:** 6=CU003-FL1-Aula I

**Time:** 8:30 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Lucci, Enrico (University of Bari Aldo Moro, Dipartimento di Ricerca e Innovazione Umanistica) - Fontana, Giacomo (University College of London, Institute of Archaeology) - Migliavacca, Mara (University of Verona, Department of Cultures and Civilizations) - Črešnar, Matija (University of Ljubljana, Faculty of Arts Department of Archaeology; Centre for Interdisciplinary Research in Archaeology) - Fernandez-Götz, Manuel (School History, Classics & Archaeology, University of Edinburgh, William Robertson Wing)

#### **ABSTRACTS**

- 8:30 **SOCIETIES BEHIND FORTIFICATIONS: MIDDLE BRONZE AGE MULTI-LAYERED SETTLEMENTS IN CENTRAL HUNGARY**  
Jaeger, Mateusz - Niebieszczański, Jakub (Adam Mickiewicz University in Poznań) - Kulcsár, Gabriella (Hungarian Academy of Sciences)



- 8:45 **THE ABANDONMENT OF FORTIFIED SETTLEMENTS DURING THE TRANSITION OF THE HUNGARIAN MIDDLE AND LATE BRONZE AGE**  
Szabó, Nóra (Research Centre for the Humanities)
- 9:00 **A MIDDLE BRONZE AGE HILLFORT WITH A MEGALITHIC-'CYCLOPEAN' WALL NORTH OF THE ALPS. NEW EXCAVATIONS ON THE STÄTTEBERG, BAVARIA**  
Metzner-Nebelsick, Carola (LMU Munich) - Nebelsick, Louis (Uksw Warsaw)
- 9:15 **EARLY IRON AGE HILLFORTS OF THE SOUTH-EASTERN ALPINE REGION AND HOW WE APPROACH THEM**  
Crešnar, Matija (University of Ljubljana) - Vojaković, Petra (University of Ljubljana, Faculty of Arts, Department of Archaeology, Centre for Interdisciplinary Research in Archaeology - CIRA; Arhej d.o.o) - Mušič, Branko (University of Ljubljana, Faculty of Arts, Department of Archaeology, Centre for Interdisciplinary Research in Archaeology - CIRA; Gearh d. o. o) - Gruškovnjak, Luka (University of Ljubljana, Faculty of Arts, Department of Archaeology, Centre for Interdisciplinary Research in Archaeology - CIRA) - Prijatelj, Agni (University of Ljubljana, Biotechnical Faculty, Department of Soil and Environmental Sciences) - Horn, Barbara (University of Ljubljana, Faculty of Arts, Department of Archaeology, Centre for Interdisciplinary Research in Archaeology - CIRA; Gearh d. o. o) - Grčman, Helena (University of Ljubljana, Biotechnical Faculty, Department of Soil and Environmental Sciences)
- 9:30 **MILITARISATION OF SOCIETY AND FORTIFICATION OF TERRITORIES IN IRON AGE GAUL**  
Krausz, Sophie (Université de Paris 1 Panthéon Sorbonne; UMR8215 Trajectoires)
- 9:45 **SEEING THINGS: CONFRONTING SUBJECTIVE NARRATIVES ON VISIBILITY WITH COMPARATIVE METHODS**  
Whitefield, Hans (Leiza Centre for Baltic and Scandinavian Archaeology; Freie Universität Berlin)
- 10:00 **WORK IN PROGRESS AT MONTE PALAZZO, A STRATEGIC HILLFORT IN THE VENETO PRE-ALPS**  
Migliavacca, Mara (Department Cultures and Civilization University of Verona) - Balasso, Alberto (PETRA) - Bandera, Silvia - Donadel, Valentina - Maltese, Giuseppe (Department Cultures and Civilization University of Verona) - de Neef, Wieke (Institute of Archaeology, Heritage Science, and Art History, Otto-Friedrich-Universität Bamberg)

- 10:15 **DISCUSSION SLOT**
- 11:00 **CASTEL DE PEDENA (SAN GREGORIO NELLE ALPI, BELLUNO): A HILLTOP SETTLEMENT ALONG A BORDER AREA**  
Donadel, Valentina (University of Verona) - Angelini, Anna (Fondazione G. Angelini - Centro Studi Sulla Montagna) - Leonardi, Giovanni (Università di Padova)
- 11:15 **THE PREHISTORIC „CASTELLIERI“ OF TRIESTE: A NEW CRITICAL OVERVIEW OF THE ARCHAEOLOGICAL LANDSCAPE WITH THE SUPPORT OF REMOTE SENSING TECHNIQUES**  
Berti, Eleonora (University of Udine; University of Trieste; Ca' Foscari University of Venice)
- 11:30 **BUILDERS OF WALLS IN BRONZE AGE SOUTHERN ITALY: THE CASE OF COPPA NEVIGATA**  
Cazzella, Alberto (Former Sapienza University, Department of Antiquities) - Recchia, Giulia (Sapienza University, Department of Antiquities) - Lucci, Enrico (University of Bari A. Moro, Dirium)
- 11:45 **EARLY MYCENAEAN FORTIFICATION AND COMMUNITY BUILDING AT MALTHI, GREECE**  
Worsham, Rebecca (Smith College) - de Raaff, Yannick (University of Gothenburg)
- 12:00 **DEFENSIVE SYSTEMS IN THE SOUTHERN LEVANT DURING THE MIDDLE BRONZE AGE II-III**  
Berti, Bianca (Sapienza University of Rome)
- 12:15 **A MULTISCALE QUANTITATIVE APPROACH TO SAMNITE FORTIFIED LANDSCAPE AND ITS POTENTIAL FOR CROSS-REGIONAL AND CROSS-CULTURAL ANALYSIS IN OTHER HILLFORT SOCIETIES**  
Fontana, Giacomo (University College London)
- 12:30 **A FORTIFIED LANDSCAPE: LANDSCAPE AND IDENTITY IN THE ARCHAIC ATERNO VALLEY (ABRUZZI)**  
Scarsella, Elena (Independent Researcher)
- 12:45 **DISCUSSION SLOT**
- 14:00 **BETWEEN MOUNTAINS AND SEA. PRELIMINARY DATA FROM THE SURVEY OF THREE PROTOHISTORIC FORTIFIED SETTLEMENTS IN SOUTHERN ALBANIA**  
Carbotti, Federica (University of Bologna; University of Salento)
- 14:15 **HOW DEPTH IN TIME AND FAR IN SPACE: MULTIPROXY PROSPECTION OF THE IRON AGE HILLFORT OF IRULEGI (ARANGUREN VALLEY, NAVARRE)**  
Aiestaran, Mattin (Aranzadi Science Society; EHU/UPV) - García-García, Ekhiñe (Aranzadi Science Society; SOT) - Ruiz-Gonzalez,

Daniel - Narbarte-Hernandez, Josu (Aranzadi Science Society) - Mendizabal-Sandonis, Oihane (Aranzadi Science Society; EHU/UPV) - Agirre-Mauleon, Juantxo (Aranzadi Science Society) - Muji-ka-Alustiza, Jose Antonio (EHU/UPV) - García, Jesús - Sesma, Jesús (Gobierno de Navarra) - Iriarte, Eneko (UBU)

- 14:30 **HILLFORTS IN CENTRAL-WESTERN IBERIA. INTERPRETATIVE BIASES AND NEW APPROACHES IN THE STUDY OF HILLTOP SITES**  
Menéndez-Marsh, Fernando (University of Groningen)
- 14:45 **SAME HILL, DIFFERENT CLIMB? A MACROREGIONAL COMPARATIVE ANALYSIS OF FORTIFIED HILLTOP SETTLEMENTS**  
Davies, Kelly (Cardiff University)
- 15:00 **FORGING IDENTITY: EXPLORING THE CULTURAL IMPACT OF WALL CIRCUITS IN THE TARANTO REGION**  
Rizzo, Raffaele (University of Bari Aldo Moro)
- 15:15 **FORTIFIED LANDSCAPES IN ANCIENT EPIRUS: NEW RESEARCH IN THE HELLENISTIC SITE OF ÇUKA E AJTOIT (ALBANIA)**  
Bogdani, Julian (Sapienza University of Rome)
- 15:30 **THE ROLE OF ARCHITECTURAL TRANSFER IN THE PRE-ROMAN DACIAN LANDSCAPE OF POWER: THE CASE OF HELLENISTIC TOWERS**  
Dragan, Andreea (Institute of Archaeology and Art History Cluj-Napoca, the Romanian Academy) - Ferencz, Iosif (The Museum of Dacian and Roman Civilization Deva, Romania; West University of Timișoara, Romania) - Rogobete, Carmen (Independent Researcher; Yardi Systems) - Gál, Ágnes (Babeş-Bolyai University)
- 15:45 **DISCUSSION SLOT**

## 472 **„ARCHAEOLOGIES OF CLIMATE CHANGE?: CURRENT ISSUES AND FUTURE DIRECTIONS**

- Room:** 11=CU003-FL1-Venturi  
**Time:** 8:30 - 16:00  
**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War  
**Format:** Regular session  
**Organisers:** Heitz, Caroline (University of Bern, Institute of Archaeological Sciences; University of Bern, Oeschger Centre for Climate Change Research) - Riede, Felix (Aarhus University, School of Culture and Society, Department of Archeology and Heritage Studies; Aarhus University, Iclimate Aarhus University Interdisciplinary Centre for Climate Change) - Bogaard, Amy (University of Oxford, School of Archaeology) - Hafner, Albert (University of Bern, Institute of Archaeological Sciences; University of Bern, Oeschger Centre for Climate Change Research) - Ruiz-Giralt, Abel (Culture, Archaeology and Socio-Ecological Dynamics, Universitat Pompeu Fabra)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **CLIMATE CHANGE RESILIENCE AND VULNERABILITIES OF WATERFRONT COMMUNITIES - MIXED METHODS RESEARCH ON 'PILE DWELLINGS' AROUND THE ALPS (4000-800 BCE)**  
Heitz, Caroline (University of Bern, Institute of Archaeological Sciences, OCCR) - Ismail-Meyer, Kristin (University of Basel, Integrative Prehistory and Archeological Science IPAS) - Aellen, Cyrielle - Roe, Joe (University of Bern, Institute of Archaeological Sciences, OCCR)
- 9:00 **LEAPING INTO THE BRONZE AGE: UNDERSTANDING THE COMPLEX INTERPLAY BETWEEN CLIMATE AND HUMANS IN BELGIUM AROUND THE 3.2 KA EVENT**  
Leonard, Hannah (Archaeology, Environmental Changes & Geo-Chemistry Research Group; Vrije Universiteit Brussel) - Capuzzo, Giacomo (Archaeology, Environmental Changes & Geo-Chemistry Research Group; Vrije Universiteit Brussel; University of Trento: Department of Humanities; Bagolini Laboratory: Archaeology, Archaeometry, Photography) - de Mulder, Guy (Ghent University Archaeology Department, Research Group Protohistory) - Deforce, Koen (Royal Belgian Institute of Natural Sciences, Research Group Quaternary Environments and Humans) - Pincé, Possum (Royal Belgian Institute of Natural Sciences, Research Group Quaternary Environments and

- Humans) - Boudin, Mathieu (Royal Institute of Cultural Heritage, Radiocarbon Dating Laboratory) - Verheyden, Sophie (Royal Belgian Institute of Natural Sciences, Research Group Geological Survey of Belgium) - Snoeck, Christophe (Archaeology, Environmental Changes & Geo-Chemistry Research Group; Vrije Universiteit Brussel)
- 9:15 **DEMOGRAPHIC DYNAMICS BETWEEN 3550-1550 BCE IN SELECTED STUDY REGIONS OF CENTRAL EUROPE AND THE ROLE OF REGIONAL CLIMATE INFLUENCES**  
Großmann, Ralph (Pre- and Protohistoric Archaeology Kiel)
- 9:30 **THOUGHTS ON CHRONOLOGY: CURRENT PROBLEMS AND POSSIBLE FUTURE DIRECTIONS FOR COMPARING PALAEOCLIMATOLOGICAL AND ARCHAEOLOGICAL DATA**  
Schirrmacher, Julien (Christian-Albrechts-Universität Kiel)
- 9:45 **THE ARCHAEOLOGY OF CLIMATE: SEARCHING FOR RAINS IN THE THEBAN NECROPOLIS (EGYPT) IN THE 16TH CENTURY BC**  
López, Laura (CSIC, Madrid)
- 10:00 **IDENTIFYING RESILIENT CULTIVATION STRATEGIES IN RELATION TO CLIMATE CHANGE IN PREHISTORY**  
Bishop, Rosie (University of Stavanger)
- 10:15 **DISCUSSION SLOT**
- 11:00 **QUANTITATIVE ETHNOARCHAEOLOGY AS A TOOL FOR EXPLORING HUMAN ADAPTATION TO CLIMATE CHANGE**  
Ruiz-Giralt, Abel (Pompeu Fabra University) - Biagetti, Stefano (Pompeu Fabra University; University of the Witwatersrand) - Lancelotti, Carla (Pompeu Fabra University; ICREA- Catalan Institution for Research and Advanced Studies)
- 11:15 **INSIGHTS ON TERRACE FARMING AND HUMAN ADAPTATIONS TO LATE HOLOCENE CLIMATE CHANGE IN NORTHERN APENNINES**  
Brandolini, Filippo (Massachusetts Institute of Technology ; Università degli Studi di Milano)
- 11:30 **FOOD PRODUCTION, CLIMATE ADAPTATIONS AND ECONOMIC INTEGRATION IN NE IBERIA: A MESSAGE FROM THE PAST TO THE FUTURE THROUGH BIOARCHAEOLOGY**  
Nieto-Espinet, Ariadna (Grup d'Investigació Prehistòrica - GIP, Departament de Geografia, Història i Història de L'Art) - Tarongi, Miguel (ISEM-UMR 5554, University of Montpellier, CNRS, EPHE, IRD) - Aguilera, Mònica (Dep. de Ciència i Enginyeria Forestal i Agrícola, Etsea) - Alonso, Natàlia (Grup d'Investigació Prehistòrica - GIP, Departament de Geografia, Història i Història de L'Art)

- 11:45 **THE IMPACT OF CLIMATE CHANGE ON YORTA YORTA INDIGENOUS ARCHAEOLOGY IN THE MURRAY RIVER REGION, SOUTHERN AUSTRALIA**  
Bestel, Sheahan (Independent Researcher)
- 12:00 **FROM SATELLITES TO SHORES TO STAKEHOLDERS: DECODING CLIMATE CHANGE'S IMPACT ON AFRICA'S COASTAL HERITAGE - INSIGHTS FROM SENEGAL, KENYA, TANZANIA**  
Ochungo, Pamela (British Institute in Eastern Africa) - Akintayo, Akinbowale (University of York) - Athie, Adama (Institut Fondamental d'Afrique Noire) - Kabiru, Angela (British Institute in Eastern Africa) - Merlo, Stefania - Michaut, Elias (McDonald Institute for Archaeological Research, University of Cambridge) - Ndiaye, Assane (Institut Fondamental d'Afrique Noire) - Neema, Victoria (Digital Earth Africa) - Sagna, Nicolas (Institut Fondamental d'Afrique Noire) - Lane, Paul (McDonald Institute for Archaeological Research, University of Cambridge)
- 12:15 **FIRE ARCHAEOLOGY: ASSESSING, MANAGING, AND PREVENTING FUTURE DAMAGE TO ARCHAEOLOGICAL SITES FROM INCREASING FIRE SEASONS DUE TO CLIMATE CHANGE**  
Swenson, Dain (Büro für Archäologie Neupert, Kozik, & Simm)
- 12:30 **ARCHAEOLOGIES OF CLIMATE CHANGE: THE CASE OF THE ARCHAEOLOGICAL SITE OF OLYMPIA**  
Pateraki, Kleantchi (Currently Independent Researcher)
- 12:45 **DISCUSSION SLOT**
- 14:00 **THE HISTORIC ENVIRONMENT AS AN AGENT OF CHANGE IN THE CLIMATE EMERGENCY: A COMMUNITY CENTRED APPROACH**  
Scardina, Audrey (Historic Environment Scotland)
- 14:15 **ENDANGERED HERITAGE - CLIMATE CHANGE RISK ASSESSMENT AND MITIGATION TOOL WITHIN THE TRIQUETRA PROJECT (SMUSZEWO - CASE STUDY)**  
Byszewska-Lasinska, Agata (National Institute of Cultural Heritage, Poland)
- 14:30 **KEEPING UP WITH THE CORROSION: HOW CLIMATE CHANGE IS AFFECTING THE DETERIORATION OF METALLIC MATERIALS IN UNDERWATER CULTURAL HERITAGE SITES.**  
Cesareo, Ludovica - Coletti, Chiara - Germinario, Luigi - Maritan, Lara (Department of Geosciences, University of Padova) - Demesticha, Stella (Department of History and Archaeology, University of Cyprus) - Martins, Flávio (Centre for Marine and Environmental Research CIMA, University of Algarve) - Ruberti, Fabio (landt S.R.L., Marina di

Pisa) - Michalis, Panagiotis (Institute of Communication and Computer Systems ICCS, National Technical University of Athens) - Mazzoli, Claudio (Department of Geosciences, University of Padova)

14:45 **A CHILD-FOCUSED APPROACH TO CLIMATE CHANGE EDUCATION IN THE CONTEXT OF CULTURE HISTORY MUSEUMS**

Vestergaard Meyer, Mathilde - Riede, Felix (Aarhus University)

15:00 **ALTERNATIVE PRESERVATIONS IN THE TIME OF CLIMATE CRISIS**

Cottom, Tyler (University of Amsterdam)

15:15 **IS ARCHAEOLOGY READY TO ADDRESS THE CLIMATE HERITAGE PARADOX?**

Holtorf, Cornelius (Linnaeus University)

15:30 **DISCUSSION SLOT**

15:45 **DISCUSSION SLOT**

#### 484 **ARCHAEOLOGIES AND HERITAGIZATIONS OF HISTORIC AND CONTEMPORARY VIOLENCE**

**Room:** 9=CU003-FL1-Aula IV

**Time:** 8:30 - 13:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Baillie, Britt (Roskilde Viking Ship Museum; University of Amsterdam) - Kim, Geonyoung (University of Cambridge) - Saqqa-Carazo, Miriam (Universidad Complutense de Madrid) - Renshaw, Layla (Kingston University) - Walker, Yoon (SOAS)

#### **ABSTRACTS**

8:30 **INTRODUCTION**

8:45 **LANDSCAPES OF THE OTTOMAN CONQUEST: BATTLEFIELDS, HERITAGE, AND MEMORY IN SOUTHEASTERN EUROPE**

Parvanov, Petar (National Archaeological Institute and Museum - BAS)

9:00 **THE TANGIBLE AND INTANGIBLE LEGACY OF THE FIRST WORLD WAR: THE SASSARI BRIGADE FROM REMEMBRANCE TO MYTH**

Azzalin, Giovanni - Milanese, Marco (University of Sassari) - Magnini, Luigi (University of Venice)

9:15 **TRANSLATING IMPERIAL VIOLENCE: INTERNATIONAL AND DOMESTIC INTERPRETATION OF ASIA-PACIFIC WAR MUSEUMS IN KYOTO AND TOKYO, JAPAN**  
Moxham, Oliver (University of Cambridge)

9:30 **DISCUSSION SLOT**

9:45 **BEYOND THE FENCE: A COMPARATIVE ARCHAEOLOGY OF THE FRANCOIST CONCENTRATION CAMPS (DES-ALAMBRAR)**

Muñoz-Encinar, Laura (University of Barcelona; Spanish National Research Council. Institute of Heritage Sciences Incipit CSIC) - Alegre Lorenz, David (Autonomous University of Barcelona) - Aragüete Toribio, Zahira (Independent Researcher) - Douglas, Lee (Goldsmiths University of London) - González-Trejo, Alejandro - Incio del Río, Cristina (Spanish National Research Council. Institute of Heritage Sciences Incipit CSIC) - Rodríguez-Hidalgo, Antonio (Spanish National Research Council. Institute of Archaeology of Mérida CSIC-Junta de Extremadura; Catalan Institute of Human Paleoeology and Social Human Evolution - IPHES-CERCA) - González-Ruibal, Alfredo (Spanish National Research Council. Institute of Heritage Sciences Incipit CSIC)

10:00 **HERITAGE-MAKING IN SPANISH CIVIL WAR LANDSCAPES: A CASE STUDY FROM THE MERINDADES AREA, BURGOS**

Perez-Juez, Amalia (Boston University)

10:15 **DISCUSSION SLOT**

11:00 **COUNTER-MEMORIES OF THE SPANISH CIVIL WAR: THE VANDALISM OF THE IRON BELT (BASQUE COUNTRY)**

González Cantera, Tania (University of Girona)

11:15 **FROM TABOO TO COMMEMORATION: CHANGES IN AUTHORISED NARRATIVES OF THE GEOCHANG SANCHEONG-HAMYANG 1951 MASSACRES**

Kim, Geonyoung (University of Cambridge)

11:30 **ISLAND OF THE BOYS - HERITAGIZATION OF VIOLENCE AND DEATH**

Walker, Yoon (Soas University of London)

11:45 **DISCUSSION SLOT**

12:00 **POPULAR CULTURE AND BRITAIN'S 'SMALL WARS'**

Lawes, Tonia (University College London)

12:15 **MEMORIALIZING GENOCIDE IN SOMALILAND: WHEN POLITICAL VIOLENCE, CLANNISM, AND STATE-BUILDING INTERSECT**

Elgerud, Lucia (Bohusläns Museum; University of Tennessee Knoxville)

- 12:30 **TERRORISM AS CULTURAL HERITAGE: MAPPING MNEMONIC TRACES FROM THE 2011 TERRORIST ATTACK IN OSLO'S GOVERNMENT QUARTER**  
Guttormsen, Torgrim (Norwegian Institute for Cultural Heritage Research)
- 12:45 **DISCUSSION SLOT**

**493 ANIMALS MEDIATING THE REAL AND IMAGINARY: IN SEARCH FOR NEW UNDERSTANDINGS OF HUMAN-ANIMAL RELATIONSHIPS**

**Room:** 30=CU002-FL1-Aula 101  
**Time:** 8:30 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Mansrud, Anja (University of Stavanger) - Care, Barbara (Department of Art History and Archaeology/FNS, University of Fribourg) - Filioglou, Dimitris (The Malcolm H. Wiener Laboratory for Archaeological Science, ASCSA Athens) - Oehrl, Sigmund - Armstrong-Oma, Kristin (Museum of Archaeology, University of Stavanger)

**ABSTRACTS**

- 8:30 **INTRODUCTION**
- 8:45 **PICTORIAL MOTIFS ON 6TH/7TH CENTURY SCANDINAVIAN CEREMONIAL HELMETS AND THE TRADITION OF PERFORMING BEARS IN LATE IRON AGE SCANDINAVIA**  
Oehrl, Sigmund (Arkeologisk Museum, Universitetet i Stavanger)
- 9:00 **ROLES OF IMAGINARY AND NATURALISTIC ANIMAL REPRESENTATIONS IN LATE IRON AGE SCANDINAVIA**  
Wicker, Nancy (University of Mississippi)
- 9:15 **THE GRIFFIN-PEOPLE FROM THE EAST**  
Jonuks, Tõnno (Estonian Literary Museum)
- 9:30 **ANIMALS IN CLAY MAKER'S BACKYARD**  
Blaževicius, Povilas (National Museum of Lithuania)
- 9:45 **MINERAL MENAGERIES: INTERSPECIES RELATIONSHIPS IN BRONZE AGE ANIMAL ICONOGRAPHY**  
Nic Aoidh, Nóra (Ucd Dublin)
- 10:00 **A REPRESENTATION OF A MONKEY ON A OIL LAMP: SPARKS OF NURAGIC IMAGINATION AND MARITIME CONNECTIVITY IN THE ANCIENT MEDITERRANEAN**  
Pisanu, Laura (University of Melbourne)

- 10:15 **DISCUSSION SLOT**
- 11:00 **IDENTIFYING THE HUMAN DOG RELATIONSHIP IN THE AUSTRALIAN ARCHAEOLOGICAL RECORD**  
Balme, Jane M. (School of Social Sciences, University of Western Australia) - O'Connor, Sue (Australian National University)
- 11:15 **THE ROLE OF THE DOG IN THE FUNERAL RITES OF THE SINTASHTA CULTURE (III - II MILLENNIUM BC)**  
Frikke, Polina (Independent Resaercher) - Usmanova, Emma (Saryarka Archaeological Institute, Buketov Karaganda University; Margulan Archaeological Institute) - Fricke, Fabian (German Archaeological Institute) - Kosintsev, Pavel (Independent Resaercher)
- 11:30 **WHAT DID DOGS DO FOR RITUAL IN ROMAN BRITAIN?**  
Fleming, Robin (Boston College)
- 11:45 **DISCUSSION SLOT**
- 12:00 **BLURRED ENTITIES: ANTHROPO-ZOOMORPHIC DEPICTIONS ON NORTH CENTRAL CHILE BODYPOTS**  
Mansilla, Luis (Universidad de Chile; Fondecyt 11221116; Fondecyt 120276) - Armstrong, Felipe (Museo Chileno de Arte Precolombino; Fondecyt 11221116; Fondecyt 120276)
- 12:15 **SEARCHING FOR LATE MESOLITHIC ANIMAL ONTOLOGIES**  
Lødøen, Trond (University Museum of Bergen)
- 12:30 **PREDATORS IN PUPILS: INTERSITE VARIABILITY AND HUMAN/ANIMAL LINKAGES OF PPNB PLASTERED SKULLS OF THE LEVANT**  
Todd DaSilva, Raven (Dig it with Raven)
- 12:45 **DISCUSSION SLOT**
- 14:00 **ANIMALS OF THE POLIS: REGIONAL DIFFERENCES IN HUMAN-ANIMAL INTERACTIONS ACROSS THE GREEK MEDITERRANEAN**  
Lewis, Sian (University of St Andrews)
- 14:15 **ANIMALS IN RELIGIOUS CONTEXTS AND BEYOND: CASE STUDIES AND COMPARISONS FROM 1ST MILLENNIUM BCE CYPRUS**  
Hadjikoumis, Angelos (Starc, the Cyprus Institute; Department of Archaeology, the University of Sheffield)
- 14:30 **FAUNAL USES AT MONTE ALBÁN, OAXACA, MEXICO: SUBSISTENCE, RAW MATERIAL, RITUALITY AND SYMBOLISM**  
Martínez Lira, Patricia (Independent Scholar; University of York) - Arroyo-Cabrales, Joaquín (Laboratorio de Arqueozoología del Inah)

- 14:45 DISCUSSION SLOT
- 15:00 PICK OUT THE EASY MEAT. HUMAN – DOG RELATIONSHIP AT 4TH MILLENNIUM PILE-DWELLINGS OF LJUBLJANSKO BARJE (SLOVENIA)  
Toskan, Borut (Research Centre Sazu, Institute of Archaeology) - Škvor Jernejčič, Brina (Research Centre Sazu, Institute of Archaeology) - Peto, Jessica (Department of Archaeology and History, University of Exeter)
- 15:15 THE ANIMAL COMMUNITY OF ROMAN RED SEA PORT BERENIKE. PET CEMETERY - DATA ON HUMAN-ANIMAL RELATIONS, VALUES AND IDENTITY.  
Osypinska, Marta (Institute of Archaeology, University of Wrocław) - Osypinski, Piotr (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 15:30 BREACHING THE GAP BETWEEN THEORY AND PRACTICE: THEORETICAL APPROACHES TO HUMAN-ANIMAL RELATIONSHIPS IN BURIALS FROM A VIKING AGE PERSPECTIVE  
Mazza, Selene (University of Cambridge)
- 15:45 DISCUSSION SLOT
- 16:30 PRESERVING LIFE, REVEALING NARRATIVES: TRACING ANIMAL AGENCY IN THE ROYAL DANISH KUNSTKAMMER  
Tissot, Victoria (Aarhus University)
- 16:45 'QUOTH THE RAVEN' – ON THOUGHT, MEMORY, COGNITION AND MULTISPECIES ENGAGEMENTS IN SCANDINAVIAN IRON AGE BELIEFS AND SOCIETY  
Armstrong Oma, Kristin (University of Stavanger)
- 17:00 MEANING OF BIRDS IN THE 6TH-4TH MILLENNIUM BC FROM A SUPRAREGIONAL EASTERN EUROPEAN PERSPECTIVE  
Yanish, Yevheniia (Schmalhausen Institute of Zoology of National Academy of Sciences of Ukraine) - Schmölcke, Ulrich (Leibniz-Zentrum für Archäologie, Centre for Baltic and Scandinavian Archaeology LEIZA-ZBSA)
- 17:15 BIRDS OF CLAY – MYSTERIES, TRANSFORMATIONS, AND REGENERATIONS OF MEANINGS  
Pasaric, Maja (Institute of Ethnology and Folklore Research)
- 17:30 FEATHERED BEINGS IN ICE AGE ART  
Taylor, Bernie (Community Member)
- 17:45 DISCUSSION SLOT

**497 FOOD STORAGE AND SECURITY IN PREHISTORIC EUROPE**

- Room:** 13=CU003-FL1-Nobile  
**Time:** 8:30 - 13:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Mcclatchie, Meriel (University College Dublin) - Cleary, Kerri (Archaeological Consultancy Services Unit) - Johnston, Penny (University College Dublin) - Crowley-Champoux, Erin (University College Dublin) - Prats, Georgina (Universitat de Lleida)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 "WHO EVER MISLAID A KEG OF BUTTER?" BOG BUTTER DEPOSITION AS A STRATEGY FOR FOOD STORAGE IN IRELAND  
O'Toole, Karen (University College Dublin)
- 9:00 LEAVE NO TRACE? STORAGE IN THE IRISH ETHNOGRAPHIC RECORD AND THE IMPLICATIONS FOR ARCHAEOLOGY  
Johnston, Penny (School of Archaeology, University College Dublin) - Cleary, Kerri (Acus Ltd., Ireland) - Crowley-Champoux, Erin - Mcclatchie, Meriel (School of Archaeology, University College Dublin)
- 9:15 DISCUSSION SLOT
- 9:30 ARCHAEOBOTANICAL AND ARCHAEOLOGICAL EVIDENCE OF PLANT FOOD STORAGE IN PREHISTORY IN NORTHERN GERMANY  
Filipovic, Dragana (Kiel University) - Effenberger, Henrike (Effenberger Archäobotanik, Germany) - Kneisel, Jutta - Schaefer-Di Maida, Stefanie (Kiel University) - Wiethold, Julian (Institut National de Recherches Archéologiques Préventives Inrap) - Kirleis, Wiebke (Kiel University)
- 9:45 WAS IT REALLY USED FOR STORAGE? ARCHAEOBOTANICAL ANALYSES OF THE TRB FEATURES IN NORTHERN POLAND  
Kofel, Dominika - Adamczak, Kamil - Bienias, Dorota (Nicolaus Copernicus University in Torun)
- 10:00 STORAGE PRACTICES IN THE BRONZE AND IRON AGE LEVANT: AN ARCHAEOBOTANICAL PERSPECTIVE  
Demeulenaere, Eline (Institute for Archaeological Sciences, University of Tübingen) - Riehl, Simone (Institute for Archaeological Sciences, University of Tübingen; Senckenberg Centre for Human Evolution)

and Paleoenvironment SHEP) - Kamlah, Jens (Institute for Biblical Archaeology, University of Tübingen)

10:15 DISCUSSION SLOT

11:00 THE DYNAMICS OF STORAGE VESSELS AND STORAGE: THE CASE OF NEOLITHIC DISPILIO, NORTH GREECE

Voulgari, Evangelia (Laboratory Teaching Staff, School of History and Archaeology Aristotle University of Thessaloniki) - Sofronidou, Marina (Ephorate of Antiquities of Drama) - Kotsakis, Kostas (Professor Emeritus of Prehistoric Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki)

11:15 PRODUCTION, CONSUMPTION AND STORAGE: THE USE OF DOLIA BY THE FBA ENOTRIAN SOCIETY

Van Leusen, Martijn (Groningen Institute of Archaeology) - Ippolito, Francesca (Groningen Institute of Archaeology)

11:30 CHANGES IN STORAGE ON THE GREAT HUNGARIAN PLAIN BETWEEN 6000 AND 4000 BC

Füzesi, András (Hungarian National Museum)

11:45 DISCUSSION SLOT

12:00 PITS AS PROCESS: EXPLORING THE UTILITY OF PIT FEATURES FOR DIFFERENT FOOD PRESERVATION PRACTICES IN THE PREHISTORIC PAST

Crowley-Champoux, Erin - Mcclatchie, Meriel (University College Dublin) - Cleary, Kerri (Archaeological Consultancy Services Unit, Ireland) - Johnston, Penny (University College Dublin)

12:15 FOOD STORAGE AND PROCESSING STRATEGIES: IDENTIFICATION OF DOMESTIC PRODUCTION IN NORTHEASTERN IBERIA BETWEEN THE 4TH AND 1ST MILLENNIUM BCE

Prats, Georgina - Alonso, Natàlia (Grup d'Investigació Prehistòrica, Dept. de Geografia, Història i Història de L'Art, 2021-Sgr-01607- Arqhistec, Universitat de Lleida)

12:30 USING EXPERIMENTAL ARCHAEOLOGY TO EXAMINE FOOD SECURITY IN BRONZE AGE IRELAND

Cleary, Kerri (Archaeological Consultancy Services Unit, Ireland; School of Archaeology, University College Dublin) - Crowley-Champoux, Erin (School of Archaeology, University College Dublin) - Gryson, Dominic (Cornstown House Farm, Meath, Ireland) - Johnston, Penny - Mcclatchie, Meriel (School of Archaeology, University College Dublin) - Miklis, Michael (Heritage Crop Farmer, Kilkenny, Ireland) - Ryan, Liam (Consultant Food Scientist, Ireland)

12:45 DISCUSSION SLOT

**498 REFUSE IN CONTEXT: ARCHAEOLOGY OF WASTE MANAGEMENT PRACTICES IN ANCIENT MEDITERRANEAN URBAN SETTINGS**

**Room:** 64=CU022-FLG-Aula C

**Time:** 14:00 - 16:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Gutiérrez-Rodríguez, Mario (Instituto Universitario de Investigación En Arqueología Ibérica. Universidad de Jaén) - Acero Pérez, Jesús (Departamento de Prehistoria y Arqueología. Universidad de Sevilla; UNIAARQ - Centro de Arqueologia da Universidade de Lisboa) - Detry, Cleia (UNIAARQ - Centro de Arqueologia da Universidade de Lisboa, Faculdade de Letras da Universidade de Lisboa)

## ABSTRACTS

14:00 INTRODUCTION

14:15 URBAN LATRINES IN THE ROMAN PROVINCE OF LUSITANIA: LOCATION, DESIGN AND OPERATION

Acero Pérez, Jesús (Universidad de Sevilla; UNIAARQ - Centro de Arqueologia da Universidade de Lisboa)

14:30 WHERE'S THE LOO? AN ANALYSIS OF THE SPATIAL DISTRIBUTION OF LATRINES IN POMPEII

Trusler, Kate (Wright Paleohydrological Institute; University of Missouri)

14:45 A SUBURBAN DUMP IN POMPEII: CONTEXT, FORMATION PROCESSES AND VALUE OF FAUNAL REMAINS

Fecchio, Mirko- Furlan, Guido (University of Padova)

15:00 HOW ANIMAL REMAINS CAN TELL A STORY ABOUT WASTE MANAGEMENT

Detry, Cleia (UNIAARQ, Centro de Arqueologia da Universidade de Lisboa, Faculdade de Letras da Universidade de Lisboa) - Bustamante-Álvarez, Macarena (Universidad de Granada) - Heras Mora, Francisco Javier (Extremadura Government, Spain)

15:15 A NEW EXTRACTION METHOD OF INTESTINAL PARASITE EGGS FROM ARCHAEOLOGICAL SEDIMENTS. THE CASE-STUDY OF A BYZANTINE MIDDEN IN SEPTEM (CEUTA)

García Ruiz, Miriam (University of Jaén) - Gutiérrez-Rodríguez, Mario (University Institute for Research in Iberian Archaeology. University of

Jaén) - Bernal-Casasola, Darío (University of Cádiz) - Peña-Santiago, Reyes (University of Jaén) - Sánchez Vizcaíno, Alberto (University Institute for Research in Iberian Archaeology, University of Jaén)

- 15:30 **MULTIPROXY MICROSTRATIGRAPHIC APPROACHES TO WASTE DEPOSITS FOR UNRAVELING ROMAN URBAN REFUSE MANAGEMENT PRACTICES: INSIGHTS FROM HISPANIA AND NORTH AFRICA**  
Gutiérrez-Rodríguez, Mario (University Institute for Research in Iberian Archaeology, University of Jaén)

15:45 **DISCUSSION SLOT**

#### 499 **NEUTRONS AND SYNCHROTRONS IN HERITAGE SCIENCE: NEW METHODS, TECHNIQUES, AND THEIR IMPACT ON ARCHAEOLOGY**

**Room:** 48=CU006-FLG-Aula C

**Time:** 16:30 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Nimura, Courtney (Ashmolean Museum, University of Oxford) - Fauvelle, Mikael (Department of Archaeology and Ancient History, Lund University) - Nilsson, Björn (University Museum, Bergen) - Nehzati, Susan (Max Iv Laboratory, Lund University) - Fedrigo, Anna (Institut Laue-Langevin)

#### **ABSTRACTS**

16:30 **INTRODUCTION**

16:45 **NEUTRON IMAGING IN HERITAGE SCIENCE, SOME EXAMPLES FROM TOMOGRAPHY TO ELEMENTAL MAPPING**  
Fedrigo, Anna (Institut Laue-Langevin III) - Cantini, Francesco (University of Florence) - Léonard, Fabien (University of Manchester at Harwell) - O'Flynn, Daniel (The British Museum) - Scherillo, Antonella (Isis Neutron and Muon Source) - Grazi, Francesco (Consiglio Nazionale Delle Ricerche Istituto di Fisica Applicata "N. Carrara" CNR-IFAC)

17:00 **APPLICATION OF NEUTRON SCIENCE IN THE STUDY OF ANCIENT IRANIAN WEAPONRY**  
Rodzinka, Alex (Cranfield University; Isis Neutron and Muon Source) - Scherillo, Antonella (Isis Neutron and Muon Source) - Fedrigo, Anna (Institut Max Von Laue - Paul Langevin III) - Erb-Satullo, Nathaniel -

Shortland, Andrew (Cranfield University) - Simpson, St John (British Museum)

17:15 **NEUTRONS: A FANTASTIC TOOL FOR CONSERVATION AND RESTORATION SCIENCE AND FOR THE STUDY OF ANCIENT TECHNOLOGIES.**

Mondelli, Claudia (CNR-IOM-OGG, Institut Laue Langevin, Grenoble) - Zorzi, Sandro (Department of Molecular Sciences and Nanosystems, Università Ca' Foscari di Venezia) - Cattaruzza, Elti (Department of Molecular Sciences and Nanosystems, Università Ca' Foscari di Venezia) - Schweins, Ralf (Institut Laue Langevin, Grenoble) - Chaumat, Gilles (Arc-Nucleart CEA, Grenoble) - Taglieri, Giuliana (Department of Industrial and Information Engineering and Economics, University of L'Aquila)

17:30 **SECTIONING WITHOUT A SCRATCH? USING MUONS TO NON-DESTRUCTIVELY DEPTH PROFILE THE COMPOSITION OF ROMAN COINS**

Hillier, Adrian (Isis Neutron and Muon Facility, Stfc Rutherford Appleton Laboratory) - Butcher, Kevin (Department of Classics, University of Warwick) - Green, George (Lincoln College, University of Oxford) - Ponting, Matthew (Archaeology, Classics and Egyptology, University of Liverpool) - Ishida, Katsu (Riken Nishina Centre)

17:45 **LOOKING INSIDE ANCIENT (BIO)ARCHAEOLOGICAL FINDS TO DECIPHER THEIR HIDDEN FEATURES**

Mancini, Lucia (ZAG - Slovenian National Building and Civil Engineering Institute) - Bondioli, Luca (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome; Department of Cultural Heritage, University of Padua) - Dreossi, Diego (Elettra - Sincrotrone Trieste S.C.P.A., Basovizza) - Bernardini, Federico (Dipartimento di Studi Umanistici, Università Ca' Foscari; Multidisciplinary Laboratory, the Abdus Salam' International Centre for Theoretical Physics) - Bernardi, Massimo (Muse, Museo Delle Scienze di Trento) - Tuniz, Claudio (Multidisciplinary Laboratory, the Abdus Salam' International Centre for Theoretical Physics) - Nava, Alessia (Department of Odontostomatological and Maxillofacial Sciences, Sapienza University of Rome)

18:00 **DISCUSSION SLOT**

18:15 **DISCUSSION SLOT**



## 505 ETHNOGRAPHIES OF MAKERS AND MAKING: TRADITIONAL CRAFT AND TECHNOLOGY IN CONTEMPORARY SOCIETIES

**Room:** 25=CU002-FL1-Aula V

**Time:** 8:30 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Pearson, Kristen (Anthropology and Inner Asian Studies, Harvard University) - Hobbis, Geoffrey (Knowledge, Technology, and Innovation, Wageningen University and Research)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 MILK WITHOUT HONEY: AN ARCHAEOLOGICAL ETHNOGRAPHY OF LIME ACROSS THE ALBANIAN-GREEK BORDER AND THE EARLY MODERN CULTURAL LANDSCAPE  
Moudopoulos-Athanasiou, Faidon (Institut Catala d'Arqueologia Classica)
- 9:00 DIVING INTO CONTEMPORARY GREYWARE POTTING PRACTICES AND COMMUNITIES IN CATALONIA, 18TH-21ST CENTURIES): SOME THOUGHTS ON POTTERS' RESILIENCE AND PERSISTENCE.  
Travé Allepuz, Esther (Universitat de Barcelona)
- 9:15 GENDER, CRAFT AND TINIAN MARBLES: A CASE STUDY OF THE (RE)INVENTION OF TRADITION  
Voulgareli, Isavella (Cambridge Heritage Research Centre, Department of Archaeology, University of Cambridge)
- 9:30 MAKING YARNS: THE RESILIENCE OF MARKA-DAFING DYEING TECHNIQUES (BURKINA FASO, WEST AFRICA)  
Douny, Laurence (Humboldt University)
- 9:45 WAITING FOR THE WATERS: DOCUMENTING TRADITIONAL FISHING PRACTICES ON TANZANIA'S RUFJI RIVER FLOODPLAIN AT A TIME OF RAPID ENVIRONMENTAL CHANGE  
Moreau, Marie-Annick (UCL - University College London)
- 10:00 MEMORY WORK IN MUD, STONE AND WOOD: A CONTEMPORARY ARCHAEOLOGY OF MATERIAL KNOWLEDGE IN TURBULENT TIMES IN SOUTHERN AFRICA  
Fredriksen, Per Ditlef (University of Oslo; University of Cape Town) - Bandama, Foreman (The Field Museum of Natural History, Chicago; University of Illinois)

- 10:15 DISCUSSION SLOT
- 11:00 TYPOLOGIES, TECHNOLOGIES AND KNOWLEDGE. SW ETHIOPIAN SHABO HUNTER-GATHERERS AND THE CONSTRUCTION OF OTHERNESS  
Salazar-Bonet, Juan (Florida State University - Valencia International Program) - González-Ruibal, Alfredo - Falquina Aparicio, Alvaro (Institute of Heritage Studies - Spanish National Research Council, Incipit-CSIC) - Derara Megenassa, Worku (Department of Archaeology & Heritage Management, Addis Ababa University) - Rodríguez Simón, Pedro (Independent Archaeologists)
- 11:15 PLAYING WITH WOODFIRE: AESTHETIC SENSIBILITIES AND LIFESTYLE ASPIRATIONS OF CERAMIC PRACTITIONERS IN JAPAN AND BRAZIL  
Morais, Liliana (College of Sociology, Rikkyo University)
- 11:30 TO CUSTOMERS WITH CARE: AN ETHNOGRAPHIC EXAMPLE OF BUTSUDAN DISTRIBUTION IN RURAL JAPAN  
Hui, Lok Hang (University College London)
- 11:45 DISCUSSION SLOT
- 12:00 „WE ALWAYS REMEMBER FOR WHOM WE MAKE A TANDYR“. ETHNOARCHAEOLOGICAL RESEARCH OF TANDYRS IN SOUTHERN KYRGYZSTAN.  
Koštial, Jozef (University of West Bohemia in Pilsen)
- 12:15 PRACTICAL PARADOXES: EXPLORING THE SOCIAL AFFORDANCES OF THINGS IN CONTEMPORARY MONGOLIA  
Pearson, Kristen (Harvard University)
- 12:30 TRADITIONAL CRAFTS AS CULTURAL RESILIENCE: ON THE MAKING AND USE OF KHEKHE OBJECTS/SUBJECTS AMONG THE NENETS OF NORTHWESTERN SIBERIA.  
Solfeldt, Erik (Stockholm University)
- 12:45 DISCUSSION SLOT
- 14:00 KEEPING THE HAMMERS' VOICE ALIVE  
Ferraro, Emilia (University of Dundee)
- 14:15 APPROACHING THE PAST THROUGH PRACTICE: RECONSTRUCTION OF A HISTORICAL GREENLANDIC DOG SLED  
Vitale, Emma (University of Greenland; University of Copenhagen)
- 14:30 DISCUSSION SLOT
- 14:45 THE WANIGELA POTTERS: PATTERNS OF PRODUCTION AND CHANGE. SOCIAL CHANGE AND POTTERY MAKING IN WANIGELA, ORO PROVINCE, PAPUA NEW GUINEA  
Bonshek, Elizabeth (Independent)

- 15:00 CONCRETE PASTS, CONCRETE FUTURES: BUILDING ISLANDS IN THE ANTHROPOSCENE (LAU, SOLOMON ISLANDS)  
Hobbis, Stephanie - Hobbis, Geoffrey (Wageningen University)
- 15:15 TECHNICITIES AGAINST "TECHNOLOGY": SOME METHODOLOGICAL SUGGESTIONS.  
Coupaye, Ludovic (University College Ldon)
- 15:30 DISCUSSION SLOT

**514 APPLYING ARCHAEOLOGICAL RESEARCH SOFTWARE ENGINEERING AS LITTLE MINIONS: STATISTICAL & COMPUTATIONAL APPROACHES TO DAILY ARCHAEOLOGICAL TASKS**

**Room:** 42=CU005-BAS-Aula 3  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Thiery, Florian (Leibniz-Zentrum für Archäologie - LEIZA; NFDI-4Objects) - Schneider, Agnes (Leiden University, Faculty of Archaeology, Digital Archaeology Research Group) - Fricke, Fabian (Deutsches Archäologisches Institut - DAI; NFDI4Objects) - Allison, Jim (Brigham Young University) - Stefan, Daria (Technische Universität Wien)

**ABSTRACTS**

- 14:00 INTRODUCTION
- 14:15 STATISTICS AREN'T A „BLACK BOX“ - USING FAIR-RS TO MODEL ARCHAOMETALLURGICAL DATA  
Fricke, Fabian (Deutsches Archäologisches Institut)
- 14:30 IMAGE MATCHING FOR SEMI-AUTOMATED DIE STUDIES AND THEIR VISUALISATION TO EVALUATE AND TO IMPROVE THE DATA QUALITY  
Gampe, Sebastian - Deligio, Chrisowalandis - Tolle, Karsten - Steiner, Alina (University of Frankfurt) - Möller, Markus (RGK - Romano-Germanic Commission DAI) - Von Nicolai, Caroline (University of Leipzig)
- 14:45 A STATISTICAL ANALYSIS OF REPEATED NAMES AMONG JUDAHITE "PRIVATE" JAR-HANDLE IMPRESSIONS  
Levy, Eythan (University of Zurich; University of Bern)

- 15:00 FROM FAIR PRINCIPLES TO FAIR PRACTICES: ARE WE THERE YET? THE CASE OF ARCHAEO-GEOPHYSICS  
Schneider, Agnes (Leiden University; Technische Universität Berlin)
- 15:15 TAMING TIME: USING CORRESPONDENCE ANALYSIS TO HANDLE RELATIVE CHRONOLOGIES AS GRAPHS  
Thiery, Florian - Mees, Allard (Leibniz-Zentrum für Archäologie - LEIZA)
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT
- 16:30 LITTLE MINIONS GROWN OLD: REJUVENATING LEGACY SOFTWARE  
Allison, James (Brigham Young University)
- 16:45 GENERATING RDF-GRAPHS WITH SIMPLE CSV FILES - RDFIER  
Tolle, Karsten (Goethe University Frankfurt am Main) - Pöpperl, Jan (none)
- 17:00 SURVEYER: AN R PACKAGE TO ASSESS CHRONOLOGIES BASED ON ARTEFACT TYPOLOGY  
Cortell-Nicolau, Alfredo (University of Cambridge) - Pardo-Gordó, Salvador (Universidad de la Laguna)
- 17:15 ARBODAT+ / THE NEW EDITION OF A CLASSIC IN ARCHAEOBOTANICAL DATA RECORDING  
Mennenga, Moritz (Lower Saxony Institute for Historical Coastal Research) - Knappe, Carina (Kiel University)
- 17:30 DISCUSSION SLOT
- 17:45 DISCUSSION SLOT

**517 BC\_BEFORE CHURCH. CULT BUILDINGS IN ANCIENT MEDITERRANEAN EUROPE. SESSION 2: HUT - TEMPLE - CHURCH (XTH BC - IIIIRD-IVTH AD)**

**Room:** 34=CU005-FL1-Lucchesi

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Fusco, Ugo (Tor Vergata University of Rome) - Davies, Penelope (University of Texas) - Truffi, Michele (Roma Tre University) - Woodhull, Margaret (University of Colorado, Denver)

**ABSTRACTS**

8:30 INTRODUCTION

8:45 ONCE UPON A... HUT. „SACRED (?) HUTS“ BELOW TEMPLES: COMPARISONS BETWEEN ITALY AND GREECE IN THE IRON AGE

Truffi, Michele (Dipartimento di Studi Umanistici - Università degli Studi Roma Tre; Associazione Orta) - Nomi, Federico (Scuola Superiore Meridionale; Associazione Orta) - Saltini Semerari, Giulia (Department of Anthropology - University of Michigan; Museum of Anthropological Archaeology - University of Michigan) - Guidi, Alessandro (Dipartimento di Studi Umanistici - Università degli Studi Roma Tre)

9:00 IDENTIFYING EARLY GREEK TEMPLES. PROBLEMS OF METHOD AND DEFINITION  
Pierattini, Alessandro (University of Notre Dame)

9:15 COMMEMORATIVE DEMOLITION, THE CASE OF FRANCAVILLA MARITTIMA  
Kleibrink, Marianne (Groningen Archaeological Institute)

9:30 RETHINKING SACRED ON THE TIMPONE DELLA MOTTA SETTLEMENT (FRANCAVILLA MARITTIMA - CS, ITALY)  
Altomare, Luciano (Università della Calabria) - Brocato, Paolo - Capparelli, Chiara (Università della Calabria)

9:45 FAMILY-HEROES IN INDIGENOUS SOUTH ITALY: LIFE AND DEATH IN “LANDSCAPES OF MEMORY”  
Piccioni, Aura (Universität Trier; Università degli Studi di Roma Tor Vergata)

10:00 CONTEXTUALISING RITUALS. THE ARCHAIC TEMPLE OF S. OMOBONO AS A CASE STUDY FOR INVESTIGATING ARCHAIC ROMAN RELIGION  
Timpano, Francesco (Humboldt Universität Zu Berlin) - Brocato, Paolo (Università della Calabria)

10:15 DISCUSSION SLOT

11:00 GREEK SANCTUARIES AT OLBIA DE PROVENCE (HYÈRES, VAR): NEW PERSPECTIVES ON ANCIENT EXCAVATIONS.  
Roure, Réjane (UMR5140-Asm-CNRS-University Paul Valéry Montpellier 3) - Sarrazanas, Clément (University of Picardie) - Serieys, Maeva (Département de Vaucluse-UMR5140-ASM)

11:15 THE CULTUAL BUILDINGS IN VEII FROM THE FOUNDATION OF THE SITE TO THE ROMAN IMPERIAL AGE: A FIRST CRITICAL ASSESSMENT.  
Fusco, Ugo (Tor Vergata University of Rome)

11:30 DISCUSSION SLOT

11:45 THE SACRED LANDSCAPE OF THE GRAECO-ROMAN PHILADELPHIA (AMMAN) AND ITS CHORA  
Burdajewicz, Mariusz (Faculty of Archaeology, University of Warsaw)

12:00 FOLLOWING HERAKLES. THE ROLE OF THE GOD AS TOPOGRAPHICAL MARKER IN THE ORGANIZATION OF THE LANDSCAPE  
Busonera, Roberto (University of Sassari) - Trivelloni, Ilaria (University of Sassari)

### 538 CONTACTS, MOVEMENTS, MIGRATIONS IN THE VIKING AGE: MARITIME ASPECTS OF THE NORSE EXPANSION INTO THE NORTH ATLANTIC

**Room:** 35=CU005-FL1-Gismondi I  
**Time:** 14:00 - 16:00  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Round table  
**Organisers:** Sanmark, Alexandra - Mcleod, Shane (University of the Highlands and Islands) - Lu, Erman (University of Kiel)

### 542 MEDIEVAL SENSORIUM: EXPLORING THE ARCHAEOLOGY OF THE SENSES

**Room:** 36=CU005-FL1-Gismondi II  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Dordevic, Zorana (Departament de Història i Arqueologia, Universitat de Barcelona - UB) - Ćirić, Jasmina (University of Kragujevac, Faculty of Philology and Arts) - Costa-Badia, Xavier (Institut de Recerca En Cultures Medievales - IRCVM, Universitat de Barcelona - UB)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 NEUROMEDIEVALISM AND THE SENSORIUM  
Wilner, Raquel (University of Bergen)
- 14:30 SENSORY ENCOUNTERS: DECODING THE SYMBOLISM OF ST. NICHOLAS CHURCH IN LJUBOTEN  
Ćirić, Jasmina (University of Kragujevac, Faculty of Philology and Arts)
- 14:45 DISCUSSION SLOT
- 15:00 SENSORY EXPERIENCES IN MEDIEVAL POETRY OF SAN FRANCESCO D' ASSISI AND JACOPONE DA TODI  
Gjorgjievska, Eva (Goce Delcev University)

- 15:15 ANALYSIS OF THE SENSE PERCEPTION IN THE FRESCO PAINTING OF THE DEČANI MONASTERY  
Beuk, Bojana (Aeronautical Museum)
- 15:30 MEDICAL AND RELIGIOUS CONCEPTS OF THE SENSE OF SMELL IN THE MIDDLE AGES  
Ramsak, Mojca (University of Ljubljana)
- 15:45 DISCUSSION SLOT
- 16:30 PERCEPTIONS OF A "JOURNEY TO THE PAST" IN SOME VIATICAL STORIES ON MOUNT ATHOS  
Sourd, Jean-Michel (Aix-Marseille University)
- 16:45 A VISIBILITY STUDY OF MUR CASTLE'S TERM (10TH AND 11TH CENTURIES) AND ITS PROBLEMS  
Melero Pérez, Paula (Universitat de Barcelona)
- 17:00 KNOWING THROUGH LISTENING: EXPLORING MONASTIC AURAL COMMUNITIES IN MEDIEVAL RURAL EUROPE  
Costa-Badia, Xavier - Álvarez Morales, Lidia - Dordevic, Zorana (University of Barcelona)
- 17:15 DISCUSSION SLOT
- 17:30 DISCUSSION SLOT

### 544 NEW DIRECTIONS FOR METRIC AND NONMETRIC BIODISTANCE ANALYSIS IN EUROPE AND BEYOND

**Room:** 64=CU022-FLG-Aula C  
**Time:** 16:30 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Lee, Matthew (Durham University) - Faillace, Katie (Cardiff University) - Van Hattum, Ijk (Ghent University)

#### ABSTRACTS

- 16:30 EVALUATING THE UTILITY OF CRANIODENTAL METRIC AND NON-METRIC DATA IN BIODISTANCE ANALYSIS  
Rathmann, Hannes (Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen; Paleoanthropology, Institute for Archaeological Sciences, Department of Geosciences, University of Tübingen) - Perretti, Silvia (Department of Life Sciences and Biotechnology, University of Ferrara) - Porcu, Valentina (Department

of Life Sciences and Biotechnology, University of Ferrara) - Hanihara, Tsunehiko (Department of Anatomy, Kitasato University School of Medicine) - Scott, G. (Department of Anthropology, University of Nevada) - Irish, Joel (Research Centre in Evolutionary Anthropology and Palaeoecology, School of Biological and Environmental Sciences, Liverpool John Moores University; the Centre for the Exploration of the Deep Human Journey, University of the Witwatersrand) - Reyes-Centeno, Hugo (Department of Anthropology, University of Kentucky; William S. Webb Museum of Anthropology, University of Kentucky; Dfg Centre for Advanced Studies 'Words, Bones, Genes, Tools', University of Tübingen) - Ghirotto, Silvia (Department of Life Sciences and Biotechnology, University of Ferrara) - Harvati, Katerina (Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen; Paleoanthropology, Institute for Archaeological Sciences, Department of Geosciences, University of Tübingen; Dfg Centre for Advanced Studies 'Words, Bones, Genes, Tools', University of Tübingen)

- 16:45 **WE HAVE NEVER BEEN SO DISTANT: NON-METRIC DENTAL TRAITS IN EURASIAN POPULATIONS FROM THE NEOLITHIC TO THE MIDDLE AGES**  
Vescovo, Giulia - Zedda, Nicoletta - Bramanti, Barbara (Department of Environmental and Prevention Sciences, University of Ferrara)
- 17:00 **EXPLORING THE AVAR PERIOD POPULATION STRUCTURE - A GRAPH THEORETICAL STUDY OF BIOLOGICAL RELATIONSHIPS USING PHENOTYPIC TRAITS**  
Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Marcsik, Antónia (Department of Biological Anthropology, University of Szeged) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University)
- 17:15 **DISCUSSION SLOT**
- 17:30 **ROMAN AND ANGLIAN SCORTON, NORTH YORKSHIRE. WHAT CAN DENTAL ANTHROPOLOGY TELL US?**  
Lee, Matthew - Gowland, Rebecca - Montgomery, Janet - Semple, Sarah (Durham University)
- 17:45 **EXPLORING BIODISTANCE IN THE NEOLITHIC MEUSE BASIN: TOOTH CROWN AND ROOT MORPHOLOGY AND THE COMPLEXITY OF COMMINGLED DENTAL REMAINS**  
Van Hattum, Ijk (Ghent University) - de Groote, Isabelle (Ghent University) - Irish, Joel (Liverpool John Moores University)
- 18:00 **DISCUSSION SLOT**

## 549 INTERDISCIPLINARY APPROACHES TO THE MIDDLE PALEOLITHIC RECORD OF THE BALKAN PENINSULA

- Room:** 43=CU013-FL1-Careri  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Monnier, Gilliane (University of Minnesota) - Pajovic, Goran (National Museum of Montenegro)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **RESEARCH ON NEANDERTHAL SETTLEMENT IN THE CENTRAL BALKANS**  
Mihailovic, Dušan (University of Belgrade - Faculty of Philosophy) - Mihailović, Bojana (National Museum of Serbia) - Majkić, Ana - Plavšić Gogić, Senka - Dragosavac, Sofija - Dimitrijević, Vesna - Milošević, Stefan - Pajović, Danilo (University of Belgrade - Faculty of Philosophy) - Roksandic, Mirjana (University of Winnipeg)
- 14:30 **LATE NEANDERTHAL OCCUPATION OF BACHO KIRO CAVE (BULGARIA)**  
Tsanova, Tsenka (Department of Chemistry G. Ciamician, University of Bologna; Department of Human Origins, Max Planck Institute for Evolutionary Anthropology) - Rezek, Zeljko (Chaire de Paléolithologie, CIRB, Collège de France, Université PSL, CNRS, Inserm, 75005 Paris) - Aldeias, Vera (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve, Campus de Gambelas, Portugal; Department of Human Origins, Max Planck Institute for Evolutionary Anthropology) - Delvigne, Vincent (CNRS, UMR 8068 Temps, University of Paris X - Nanterre & Service de Préhistoire, University of Liège) - Lauer, Tobias (University of Tübingen) - Mcpherron, Shannon (Department of Human Origins, Max Planck Institute for Evolutionary Anthropology) - Slon, Viviane (Department of Evolutionary Genetics, Max Planck Institute for Evolutionary Anthropology; the Dan David Centre for Human Evolution and Biohistory Research, Tel Aviv University) - Talamo, Sagra (Department of Chemistry G. Ciamician, University of Bologna) - Sirakov, Nikolay (National Institute of Archaeology With Museum, Bulgarian Academy of Sciences) - Hublin, Jean-Jacques (Chaire de Paléolithologie, CIRB, Collège de France, Université PSL, CNRS, Inserm,

75005 Paris; Department of Human Origins, Max Planck Institute for Evolutionary Anthropology)

- 14:45 **MULTI-DISCIPLINARY APPROACHES TO THE STUDY OF LATE NEANDERTHALS AT CRVENA STIJENA, MONTENEGRO**  
Monnier, Gilliane - Tostevin, Gilbert (University of Minnesota) - Pajovic, Goran (National Museum of Montenegro) - Bakovic, Mile - Borovinic, Nikola (Centre for Conservation and Archaeology of Montenegro) - Morin, Eugene (Trent University) - Mallol, Carolina (Universidad de la Laguna; Archaeological Micromorphology and Biomarkers Lab) - Boaretto, Elisabetta (Weizmann Institute of Science) - Vidal Matutano, Paloma (Universidad de la Laguna) - Porter, Samantha (University of Minnesota)
- 15:00 **ELEMENTS OF NEANDERTHAL FIRE TECHNOLOGY AND CLIMATE FROM A MICROSTRATIGRAPHIC STUDY OF UNIT XXIV AT CRVENA STIJENA, MONTENEGRO**  
Mallol, Carolina - Jambrić-Enríquez, Margarita (Universidad de la Laguna) - Monnier, Gilliane (University of Minnesota) - Tostevin, Gilbert (University of Minnesota) - Pajović, Goran (National Museum of Montenegro)
- 15:15 **NEANDERTHAL FAUNAL EXPLOITATION IN THE MIS 5-3 WESTERN BALKAN PENINSULA: ZOOARCHAEOLOGY RESULTS FROM THE EARLY SEQUENCE OF CRVENA STIJENA, MONTENEGRO**  
Bao, Yige (University of Minnesota) - Collins, Matthew (University of Cambridge; University of Copenhagen) - Morin, Eugène (Trent University) - Munoz-Alegre, Marta (University of Cambridge) - Tostevin, Gilbert (University of Minnesota) - Monnier, Gilliane (University of Minnesota)
- 15:30 **PLAYING WITH FIRE – A DISCIPLINARY APPROACH AIMED AT RESEARCHING THE FIRE THROUGH THE STUDY OF BURNED LITHICS**  
Dobos, Adrian (Institute of Archaeology "Vasile Parvan", Bucharest)
- 15:45 **DISCUSSION SLOT**
- 16:30 **RECENT CONTRIBUTIONS TO LITHIC RAW MATERIAL RESEARCH AT CRVENA STIJENA (MONTENEGRO)**  
Marojevic, Vasilije (University of Minnesota) - Kilibarda, Zoran (Indiana University Northwest) - Siurek, Alec (Indiana University) - Monnier, Gilliane (University of Minnesota) - Tostevin, Gilbert (University of Minnesota)

- 16:45 **THE IMPACT OF SIZE CUTOFFS IN ARTIFACT RECOVERY AND LITHIC ANALYSIS FOR THE MICRO-MOUSTERIAN AT CRVENA STIJENA (MONTENEGRO)**  
Tostevin, Gilbert - Marojević, Vasilije - Monnier, Gilliane (University of Minnesota)
- 17:00 **DISCUSSION SLOT**

### 553 **ADVANCING PALEOLITHIC INTRA-SITE SPATIAL ANALYSIS: NEW METHODS, APPLICATIONS, AND INTERPRETATION**

- Room:** 15=CU003-FL3-Aula XXII  
**Time:** 14:00 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Cobo-Sánchez, Lucía (The Interdisciplinary Centre for Archaeology and the Evolution of Human Behavior - ICArEHB, Universidade do Algarve) - Arteaga-Bribea, Andion (Universidad Rovira i Virgili, Departament d'Història i Història de L'Art; Institut Català de Paleoeologia Humana i Evolució Social - Iphes) - Merino-Pelaz, Amanda (Universidad de Alcalá, Departamento de Historia y Filosofía) - Moclán, Abel (Institute of Evolution in Africa IDEA) - Villaescusa, Lucía (Universidad de Alcalá)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **EVERYTHING EVERYWHERE ALL AT ONCE. THE IMPORTANCE OF MULTIDISCIPLINARY IN PALAEO-LITHIC SPATIAL STUDIES: THE CASE OF COVA GRAN.**  
Sanchez-Romero, Laura (Centre d'Estudis del Patrimoni Arqueologic, Autonomous University of Barcelona; Human Evolution Research Centre, University of California, Berkeley) - Benito-Calvo, Alfonso (Centro Nacional de Investigación Sobre la Evolución Humana) - Martínez-Moreno, Jorge (Centre d'Estudis del Patrimoni Arqueologic, Autonomous University of Barcelona) - Mora Torcal, Rafael (Centre d'Estudis del Patrimoni Arqueologic, Autonomous University of Barcelona)
- 14:30 **BEYOND LITHOSTRATIGRAPHY: EXPLORING VERTICAL DISTRIBUTION OF ARTIFACTS AS A PROXY FOR FORMATION PROCESSES AT THE UPPER PALAEO-LITHIC SITE OF VALE BOI**  
Galfi, Jovan (Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, ICArEHB) - Barbieri, Alvise (Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, ICArE-

HB) - Gomes, Ana - Bicho, Nuno - Cascalheira, João (Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour, ICArEHB)

14:45

**SPATIAL ORGANIZATION OF THE GRAVETTIAN MAMMOTH HUNTERS' SITES**

Wilczynski, Jaroslaw (Institute of Systematics and Evolution of Animals) - Novák, Martin (Institute of Archaeology, Czech Academy of Sciences, Brno) - Händel, Marc (Austrian Archaeological Institute, Austrian Academy of Sciences, Vienna) - Lengyel, Gyorgy (Magyar Nemzeti Múzeum, Budapest) - Matyaszczyk, Lena (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Oszczepalińska, Oliwia (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Oberc, Tomasz (Institute of Archaeology and Ethnology, Polish Academy of Sciences - IAE PAS, Kraków) - Boriová, Sonia (Institute of Archaeology, Czech Academy of Sciences, Brno)

15:00

**ASSESSING THE SPATIAL FEATURES OF NEANDERTHAL OCCUPATIONS AT NAVALMÁILLO ROCK SHELTER): IDENTIFICATION OF A SINGLE-CLUSTER PATTERN THROUGH SPATIAL MODELLING**

Moclán, Abel (Institute of Evolution in Africa IDEA) University of Alcalá de Henares) - Huguet, Rosa (IPHES-CERCA, Institut Català de Paleoecologia Humana i Evolució Social; Departament d'Història i Història de L'Art, Universitat Rovira i Virgili; unit associated to CSIC. Departamento de Paleobiología, Museo Nacional de Ciencias Naturales) - Márquez, Belén (Archaeological and Paleontological Museum of the Community of Madrid) - Álvarez-Fernández, Ana (Laboratorio de Evolución Humana, Dpto. de Historia, Geografía y Comunicación, Universidad de Burgos) - Martín-Perea, David Manuel (Departamento de Geodinámica, Estratigrafía y Paleontología. Universidad Complutense de Madrid, F. C. Geológicas; IPHES-CERCA, Institut Català de Paleoecologia Humana i Evolució Social; Institute of Evolution in Africa IDEA, University of Alcalá de Henares) - Laplana, César (Archaeological and Paleontological Museum of the Community of Madrid) - Pérez-González, Alfredo (Institute of Evolution in Africa IDEA, University of Alcalá de Henares; Asociación Nacional el Hombre y el Medio) - Arsuaga, Juan Luis (Centro Mixto UCM-ISCIH de Evolución y Comportamiento Humanos; Departamento de Geodinámica, Estratigrafía y Paleontología. Universidad Complutense de Madrid, F. C. Geológicas) - Baquedano, Enrique (Archaeological and Paleontological Museum of the Community of Madrid; Institute of Evolution in Africa IDEA, University of Alcalá de Henares)

15:15

**TRACING THE HUNTER: SPATIAL ANALYSIS OF A KILL-BUTCHERING SITE. THE CASE OF TD10.2-BB, GRAN DOLINA, ATAPUERCA**

Arteaga Briebe, Andion (Departament d'Història i Història de L'Art, Universitat Rovira i Virgili - URV; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Cobo-Sánchez, Lucía (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve) - Rodríguez-Hidalgo, Antonio (Consejo Superior de Investigaciones Científicas, Instituto de Arqueología de Mérida CSIC-Junta de Extremadura; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de L'Art, Universitat Rovira i Virgili - URV) - Mosquera, Marina (Departament d'Història i Història de L'Art, Universitat Rovira i Virgili - URV; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de L'Art, Universitat Rovira i Virgili - URV)

15:30

**NEANDERTHALS INDOORS. CONTRIBUTIONS OF FAUNAL REFITTING TO THE INTRA-SITE SPATIAL ANALYSIS OF LEVEL Q AT ABRIC ROMANÍ**

Gabucio, Maria Joana (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art) - Téllez, Edgar (Centro Nacional de Investigación Sobre la Evolución Humana - CENIEH) - Marín, Juan (Department of Prehistory and Archaeology, Universidad Nacional de Educación a Distancia, UNED; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; UMR7194 - HNHP, MNHN-CNRS -UPVD- Sorbonne Universités & Musée de L'Homme) - Pineda, Antonio (UMR7194 - HNHP, MNHN-CNRS -UPVD- Sorbonne Universités) & Musée de L'Homme; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Chacón, María Gema (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art; UMR7194 - HNHP, MNHN-CNRS -UPVD- Sorbonne Universités & Musée de L'Homme) - Vallverdú, Josep (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de L'Art; unit associated to CSIC. Departamento de Paleobiología. Museo Nacional de Ciencias Naturales) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i

Història de L'Art; Unit Associated To CSIC. Departamento de Paleobiología. Museo Nacional de Ciencias Naturales)

15:45 DISCUSSION SLOT

16:30 **STATISTICAL MODELLING FOR QUANTIFYING CLUSTERING IN PALEOLITHIC ASSEMBLAGES: CHARACTERIZING HIGH-DENSITY AREAS OF ABRIC ROMANÍ QA**  
Merino-Pelaz, Amanda (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Cobo-Sánchez, Lucía (The Interdisciplinary Centre for Archaeology and the Evolution of Human Behavior - ICArEHB, Universidade do Algarve) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Unit associated to CSIC, Departamento de Paleobiología. Museo Nacional de Ciencias Naturales) - Chacón, M. Gema (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; UMR 7194 - Histoire Naturelle de L'Homme Préhistorique CNRS/Mnhn/UPVD, Musée de L'Homme) - Vallverdú, Josep (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Unit Associated To CSIC, Departamento de Paleobiología. Museo Nacional de Ciencias Naturales)

16:45 **SPATIAL MODELING OF EXPERIMENTAL KNAPPING DISTRIBUTIONS: REFINING THE CHARACTERIZATION OF PALEOLITHIC ACTIVITY AREAS**

Cobo-Sánchez, Lucía (The Interdisciplinary Centre for Archaeology and the Evolution of Human Behavior - ICArEHB, Universidade do Algarve) - Merino-Pelaz, Amanda (Institut Català de Paleoecologia Humana i Evolució Social - Iphes; Universidad Rovira i Virgili) - Artega-Briebe, Andion (Universidad Rovira i Virgili; Institut Català de Paleoecologia Humana i Evolució Social - Iphes)

17:00 **TWO METHODS AND TWO SITES: A COMPARISON OF INTRA-SITE SPATIAL ANALYSIS METHODS AT TWO LATE PLEISTOCENE OPEN-AIR SITES**

Clark, Amy (Harvard University)

17:15 **DEVELOPING STANDARDISED GEOSPATIAL ANALYSIS PROCEDURES: A METHODOLOGICAL FRAMEWORK FROM THE LOWER GALLERY OF LA GARMA**

García-Noriega, Carlos (University of Cantabria; International Institute for Prehistoric Research of Cantabria IIIIPC) - Portero, Rodrigo (University of Salamanca) - Ruiz-Cabanzón, Alba (University of Cantabria; International Institute for Prehistoric Research of Cantabria IIIIPC) - Ontañón, Roberto (International Institute for Prehistoric Research of

Cantabria IIIIPC; Prehistory and Archaeology Museum of Cantabria) - Arias, Pablo (University of Cantabria; International Institute for Prehistoric Research of Cantabria IIIIPC)

17:30 **3D RECONSTRUCTION AND SPATIAL ANALYSES: AN INTEGRATED APPROACH TO EXPLORE THE PALAEOOLITHIC USE OF LIVING SPACE AT SAMBUCCO CAVE**  
Pizziolo, Giovanna - Tessaro, Carlo (University of Siena - Department of History and Cultural Heritage) - Faraoni, Matteo (University of Ferrara Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche) - Galiberti, Attilio (University of Siena - Department of History and Cultural Heritage)

17:45 DISCUSSION SLOT

18:00 DISCUSSION SLOT

## 557 **NEW FRONTIERS IN STABLE ISOTOPE RESEARCH OF BIOARCHAEOLOGICAL REMAINS: PROGRESS AND PITFALLS PART 2**

**Room:** 80=CU002-FL3-Aula 302

**Time:** 16:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Session with keynote presentation and discussion

**Organisers:** Soncin, Silvia (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza Università di Roma) - Cocozza, Carlo (Department of Archaeology, Max Planck Institute of Geoanthropology) - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute of Geoanthropology; Faculty of Archaeology, University of Warsaw; Faculty of Arts, Masaryk University; Climate Change and History Research Initiative, Princeton University) - Craig, Oliver (BioArCh, Department of Archaeology, University of York) - Tafuri, Mary Anne (University of Rome La Sapienza)

## ABSTRACTS

8:30 **INSIGHTS INTO HUSBANDRY PRACTICES USING STABLE ISOTOPES AND ZOOMS AT PHOENICIAN TAVIRA BETWEEN 8TH - 5TH CENTURY BCE**

Paladugu, Roshan (Max Planck Institute for Evolutionary Anthropology) - Covaneiro, Jaquelina - Cavaco, Sandra (Município de Tavira) - de Sousa, Elisa - Arruda, Ana (Universidade de Lisboa) - Warinner,



Christina (Harvard University; Max Planck Institute for Evolutionary Anthropology) - Barrocas Dias, Cristina (Universidade de Évora)

**8:45 ISOTOPIC EVIDENCE FOR NURSING, WEANING, AND CHILDHOOD DIETS AT A GREEK SICILIAN COLONY (7-5TH C. BCE)**

Reitsema, Laurie (University of Georgia) - Gancz, Abigail (Pennsylvania State University) - Kyle, Britney (University of Northern Colorado) - Vassallo, Stefano (Soprintendenza BBCCAA di Palermo)

**9:00 SULPHUR ISOTOPES IN BIOARCHAEOLOGY: NAVIGATING CHALLENGES AND EXPANDING INSIGHTS THROUGH THE CASE OF SLOVENIA**

Leskovar, Tamara (Centre for Interdisciplinary Research in Archaeology, Department of Archaeology) - Poročnik, Doris (Department of Environmental Sciences, Jožef Stefan Institute) - Ogrinc, Nives (Department of Environmental Sciences, Jožef Stefan Institute) - Snoeck, Christophe (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - T. Gerritzen, Carina (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Goderis, Steven (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Toškan, Borut (Institute of Archaeology, Zrc Sazu) - Črešnar, Matija (Centre for Interdisciplinary Research in Archaeology, Department of Archaeology)

**9:15 UNRAVELLING PAST AGRICULTURAL SYSTEMS IN ARID ENVIRONMENTS: ADVANCES AND LIMITS IN ISOTOPIC ANALYSIS AND MODELLING**

Varalli, Alessandra (CASES-Culture, Archaeology and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra; Aix Marseille Univ, CNRS, Minist Culture, Lampea) - d'Agostini, Francesca - Jiménez Arteaga, Carolina - Heidgen, Shaddai (CASES-Culture, Archaeology and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra) - Bouchaud, Charlène (Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements - AASPE, UMR 7209, Muséum National d'Histoire Naturelle, CNRS, France) - Antonites, Annie (National Museum of Natural History, Pretoria) - Lucarini, Giulio (Institute of Heritage Science, National Research Council of Italy; Department of Asian, African, and Mediterranean Studies, University of Naples L'Orientale) - Usai, Donatella (Istituto Italiano Per l'Africa e l'Oriente, Roma; Centro Studi Sudanese e Sub-Sahariani, Treviso) - Madella, Marco (CASES - Culture, Archaeology and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA- Catalan Institution for Research and Advanced Studies; Department of Geography, Archaeology and Environmental

Studies, University of Witwatersrand) - Lancelotti, Carla (CASES - Culture, Archaeology and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA- Catalan Institution for Research and Advanced Studies)

**9:30 RECONSTRUCTING SUBSISTENCE STRATEGIES OF THE NEOLITHIC COMMUNITY IN THE SOUTHERN ARABIA - CHALLENGES OF A BIOAPATITE APPROACH**

Danielisova, Alzbeta - Šneberger, Jiří - Daněček, David (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Maiorano, Maria (Goethe University Frankfurt) - Arppe, Laura (Finnish Museum of Natural History Luomus, University of Helsinki) - Garba, Roman (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic; Nuclear Physics Institute of the CAS, Prague)

**9:45 DISCUSSION SLOT**

**10:00 DISCUSSION SLOT**

**10:15 DISCUSSION SLOT**

**11:00 ISOTOPE ANALYSES ON DIET AND MOBILITY IN NORTHERN ITALY**

Tykot, Robert - Vianello, Andrea (University of South Florida) - Eck, Christopher (FEMA) - Maxwell, Ashley (Washburn University)

**11:15 LASER ABLATION ANALYSIS OF LOW STRONTIUM BIOAPATITES: WARNINGS AND OPPORTUNITIES**

Rogers, Bryony (Department of Archaeology, Durham University; School of Earth Sciences, University of Bristol) - Horstwood, Matthew - Pashley, Vanessa (Neif, British Geological Survey) - Nowell, Geoff (Arthur Holmes Laboratory, Department of Earth Sciences, Durham University)

**11:30 BEYOND MIGRATIONS: THE USE OF 87SR/86SR VALUES IN RESEARCH ON DIET AND SUBSISTENCE**

Soltysiak, Arkadiusz (University of Warsaw)

**11:45 EXPLORING NEOLITHIC OVICAPRINE HUSBANDRY THROUGH STABLE ISOTOPE ANALYSES AT THE SITE OF EL PORTALÓN DE CUEVA MAYOR (ATAPUERCA, BURGOS)**

Antolinos-Díaz, Juan Antonio (Laboratorio de Evolución Humana, Departamento de Historia, Geografía y Comunicación, Universidad de Burgos) - Smith, Colin (Laboratorio de Evolución Humana, Departamento de Historia, Geografía y Comunicación, Universidad de Burgos; Dept. Archaeology and History, La Trobe University) - Galindo-Pellicena, María Ángeles (Centro Mixto UCM-ISCIII de Evolución y Comportamiento Humanos) - Carretero, José-Miguel (Labora-

torio de Evolución Humana, Departamento de Historia, Geografía y Comunicación, Universidad de Burgos; Unidad Asociada de I+D+I Al CSIC Vidrio y Materiales del Patrimonio Cultural - VIMPAC) - Iriarte, Eneko - Pérez-Romero, Amalia (Laboratorio de Evolución Humana, Departamento de Historia, Geografía y Comunicación, Universidad de Burgos) - Valdiosera, Cristina (Laboratorio de Evolución Humana, Departamento de Historia, Geografía y Comunicación, Universidad de Burgos)

- 12:00 **THE USE OF NEODYMIUM ISOTOPES IN HUMAN MOBILITY STUDIES: TESTING A POTENTIAL NEW TOOL**  
Rosselet-Christ, Déborah (Archaeology of Africa & Anthropology Laboratory, University of Geneva) - Chiaradia, Massimo (Department of Earth Sciences, University of Geneva) - Desideri, Jocelyne (Archaeology of Africa & Anthropology Laboratory, University of Geneva)
- 12:15 **RECONSTRUCTING WATER MANAGEMENT WITH SILICON STABLE ISOTOPES: RESULTS OF IN SITU ANALYSIS IN SORGHUM PHYTOLITHS AND THEIR SIGNIFICANCE FOR ARCHAEOLOGY**  
d'Agostini, Francesca (CASES –Culture, Archaeology and Socio-Ecological Dynamics Research Group, Universitat Pompeu Fabra) - Frick, Daniel A. (Institute of Geosciences, Kiel University) - Varalli, Alessandra (CASES –Culture, Archaeology and Socio-Ecological Dynamics Research Group, Universitat Pompeu Fabra; Lampea, Aix-Marseille Université, CNRS, Ministère de la Culture) - Madella, Marco (CASES –Culture, Archaeology and Socio-Ecological Dynamics Research Group, Universitat Pompeu Fabra; ICREA– Catalan Institution for Research and Advanced Studies; Department of Geography, Archaeology and Environmental Studies, University of Witwatersrand) - Lancelotti, Carla (CASES –Culture, Archaeology and Socio-Ecological Dynamics Research Group, Universitat Pompeu Fabra; ICREA– Catalan Institution for Research and Advanced Studies)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT

## 559 THE MEDITERRANEAN(S) IN TRANSITION: GLOBAL PERMANENCE(S), MATERIAL CULTURE(S), AND RESILIENCE BETWEEN 5TH AND 10TH CENTURY AD

- Room:** 37=CU005-FL2-Ponzi I  
**Time:** 14:00 - 18:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Session with keynote presentation and discussion  
**Organisers:** Pini, Nicolo (Crea-Patrimoine – Université Libre de Bruxelles ULB; Fnr) - Marchand, Julie (Royal Museums of Art and History, Brussels (Kmg-Mrah; Crea-Patrimoine – Université Libre de Bruxelles ULB) - Carabia, Alessandro (University of Birmingham, Centre for Byzantine, Ottoman and Modern Greek Studies)

### ABSTRACTS

- 14:00 **ECONOMICS AND SOCIETY IN EARLY MEDIEVAL GREECE: THE CHANGING FACE OF CORINTH**  
Valente, Rossana (Università degli Studi di Roma Tre; Scuola Archeologica Italiana Ad Atene)
- 14:15 **SURVIVAL AND ADAPTATION: BATH-GYMNASIUM COMPLEXES IN LATE ANTIQUE ASIA MINOR**  
Kalfa-Atakli, Basak (Cankaya University)
- 14:30 DISCUSSION SLOT
- 14:45 **WEAK LINKS: SOME REFLECTIONS ON TRADE AND CRISIS ACROSS THE TYRRHENIAN AND AEGEAN GRAIN ROUTES IN THE 6TH-7TH CENTURIES**  
Carabia, Alessandro (University of Birmingham)
- 15:00 **NOUVELLES DONNÉES SUR LA REPRISE DU COMMERCE DANS LA MÉDITERRANÉE CENTRALE ALTO-MÉDIÉVALE : ARCHÉOLOGIE ET ARCHÉOMÉTRIE DES ÉPAVES PROVENÇALES**  
Richarte-Manfredi, Catherine (Inrap - National Institute for Preventive Archaeological Research; CIHAM UMR 5648)
- 15:15 **EARLY MEDIAEVAL HANDMADE POTTERY WITHIN BYZANTIUM'S EAST AND WEST. SOME PRELIMINARY REMARKS OF AN ANALYTICAL STUDY FROM GREECE AND CYPRUS.**  
Vasileiou, Theodore (University of Cyprus)
- 15:30 DISCUSSION SLOT
- 15:45 DISCUSSION SLOT

- 16:30 THE "ROMANISATION" OF EGYPTIAN POTTERY: A NEW INSIGHT ON LATE ROMAN PRODUCTIONS  
Marchand, Julie (Ulb & Rmah, Brussels)
- 16:45 THE ARCHAEOLOGICAL EXPLORATION OF LATE ANTIQUITY: TRACING TRAJECTORIES IN THE LEVANT  
Dolci, Jacopo (University of Nottingham)
- 17:00 DISCUSSION SLOT

## 566 MULTIPLE SCALES IN THE MANIFESTATIONS OF THE ISLAMIC

- Room:** 4=CU003-BAS-Auletta  
**Time:** 14:00 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Carvajal Lopez, Jose (Incipit-CSIC) - Shingiray, Irina (University of Oxford) - Hernández Robles, Alicia (University of Granada) - Živkovic, Jelena (The Cyprus Institute)

### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 THREADING AND WEAVING MULTISCALAR FIELDS IN ISLAM: SOME EXAMPLES IN CERAMICS  
Carvajal Lopez, Jose (Incipit-CSIC)
- 14:30 EARLY ISLAMIC ISBILYA (SEVILLE) - HOW TO RECOGNIZE THE ISLAMIC?  
Mateos-Orozco, Ana (University of Seville)
- 14:45 DISCUSSION SLOT
- 15:00 FROM SUBURBAN TO INLAND SPACES: ASSESSING MULTISCALAR APPROACHES IN ISLAMIC ARCHAEOLOGY OF WESTERN SICILY  
Castrorao Barba, Angelo (Escuela de Estudios Árabes, Consejo Superior de Investigaciones Científicas (EEA, CSIC))
- 15:15 WHAT DEATH TELLS ABOUT LIFE: FUNERARY MATERIAL EXPRESSIONS IN THE MEDIEVAL HORN OF AFRICA  
Gómez, Carolina (Incipit - Institute of Heritage Sciences)
- 15:30 LOST IN THE IN-BETWEEN. THE FUSION BETWEEN LOCAL CULTURE AND ISLAMIC IMPERIAL INFLUENCES ON THE RANIA PLAIN IN IRAQI KURDISTAN.  
Németh, Fruzsina (Eötvös Loránd University, Doctoral School of History)

- 15:45 DISCUSSION SLOT
- 16:30 THE INTERSECTION OF ISLAM AND NOMAD CART TECHNOLOGY IN QIPCHAQ AND MONGOL PERIOD BURIALS IN THE WESTERN EURASIAN STEPPE  
Shingiray, Irina (University of Oxford)
- 16:45 MULTI-SCALAR APPROACH TO THE STUDY OF CRAFTS IN THE OTTOMAN EMPIRE: LOCAL PRACTICES IN THE IMPERIAL NETWORK  
Živkovic, Jelena (The Cyprus Institute)
- 17:00 ALL THINGS SMALL AND SMALLER. A SCALE-PERSPECTIVE OF THE STUDY OF ISLAMICATE MEDIEVAL GLASS  
Hernández Robles, Alicia (University of Granada) - Govantes-Edwards, David (University of Cordoba) - Velo Gala, Almudena (Research Unit Vicarte, Nova University of Lisbon) - González Ballesteros, José Ángel (Arhis Research Group, University of Murcia)
- 17:15 MADE ELSEWHERE: WHAT DO IMPORTS REVEAL ABOUT THE EVOLUTION OF CULTURAL PRACTICES IN AL-ULA (HEJAZ) DURING THE ISLAMIC PERIOD?  
Pellegrino, Maria Paola (Archaïos) - Tourtet, Francelin (Archaïos; Freie Universität Berlin) - Furstos, Cassandra (Archaïos) - Guedeau, Nolwenn (UMR 7298 La3M; Islamic Archaeology Unit, BIGS-OAS, Bonn University) - Kanhoush, Yasmin (Archaïos; UMR 5133 Archéorient) - Charbonnier, Julien (Archaïos)
- 17:30 MULTISCALAR MANIFESTATIONS OF ISLAMIC CULTURE IN THE HISTORY OF UKRAINE: CURRENT THEORETICAL AND METHODOLOGICAL APPROACHES  
Biliaieva, Svitlana (Institute of Archaeology of National Academy of Sciences of Ukraine)
- 17:45 ACTS OF ART(E)FACTS : VIKING AGE MANIFESTATIONS OF HOLY ISLAMIC INSCRIPTIONS IN THE TEXTILE ART  
Larsson, Annika (Uppsala University; the Society for Textile Archaeology & Culture Studies) - Pallin, Karolina - Guennoun, Mohamed (The Society for Textile Archaeology & Culture Studies)
- 18:00 THEATRE OF ASPENDOS AND ITS ENVIRONS UNDER SELJUK CONTROL: OBSERVATIONS BASED ON FERNAND BRAUDEL'S THREE PLANES OF HISTORICAL TIME  
Akture, Zeynep (Izmir Institute of Technology)
- 18:15 DISCUSSION SLOT

## 588 STUDIES OF MIGRATION PERIOD AND EARLY MEDIEVAL POPULATIONS: INTEGRATING NATURAL SCIENCES AND HUMANITIES

**Room:** 69=CU028-FL1-Aula 5

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Palmowski, Valerie (University of Bonn) - Sasso, Stefania (University of Tartu) - Gneccchi-Rusccone, Guido - Lacher, Laura (Max Planck Institute for Evolutionary Anthropology) - Moilanen, Ulla (University of Helsinki)

### ABSTRACTS

8:30 INTRODUCTION

8:45 **AN ARCHEOGENETIC ANALYSIS OF LATE ANTIQUE SITES AT THE BORDER OF LONGOBARD AND BYZANTINE TERRITORIES IN CENTRAL ITALY**  
d'Atanasio, Eugenia (Institute of Molecular Biology and Pathology, CNR) - Ravasini, Francesco (Dept. of Biology and Biotechnology „Charles Darwin“, Sapienza University of Rome) - Risi, Flavia (Dept. of Biology and Biotechnology „Charles Darwin“, Sapienza University of Rome) - Mei, Oscar (Dept. of Communication Sciences, Humanities and International Studies, University of Urbino) - Delpino, Chiara (Superintendence Archaeology, Fine Arts and Landscape for the Provinces of Frosinone, Latina and Rieti, Ministry of Cultural Heritage) - Niinemäe, Helja - Metspalu, Mait (Institute of Genomics, University of Tartu) - Micarelli, Ileana (McDonald Institute for Archaeological Research, University of Cambridge) - Manzi, Giorgio (Dept. of Environmental Biology, Sapienza University of Rome) - Trombetta, Beniamino (Dept. of Biology and Biotechnology „Charles Darwin“, Sapienza University of Rome)

9:00 **DIETARY CHANGES DUE TO THE COLLAPSE OF THE WESTERN ROMAN EMPIRE: A CASE STUDY FROM NORTHERN ITALY (4TH-7TH CENTURIES)**

Schmidtova, Dominika (Department of Archaeology and Museology, Masaryk University; Max Planck Institute of the Geoanthropology) - Vyskočilová, Gabriela (Department of Chemistry, Masaryk University) - Kočergina, Julie (Czech Geological Survey) - Čejková, Bohuslava (Czech Geological Survey) - Garbaras, Andrius (Centre for

Physical Sciences and Technology) - Klontza, Věra (Department of Archaeology and Museology, Masaryk University) - Hukelová, Zuzana (Institute of Archaeology of the Slovak Academy of Sciences) - Gil, Joan (Department of Archaeology, University of Hradec Králové) - Manzelli, Valentina (Soprintendenza Archeologia Belle Arti e Paesaggio Per la Citta' Metropolitana di Bologna e Le Province di Modena, Reggio Emilia e Ferrara) - Fernandes, Ricardo (Max Planck Institute of the Geoanthropology; Department of Archaeology and Museology, Masaryk University; Climate Change and History Research Initiative, Princeton University)

9:15 **MULTIDISCIPLINARY BIO-ARCHEOLOGICAL APPROACH TO STUDY THE POPULATION TRANSFORMATIONS DURING THE MIGRATION PERIOD IN THE EASTERN CARPATHIAN BASIN.**

Traverso, Luca (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Rácz, Zsófia (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University;) - Knipper, Corina (Curt Engelhorn Centre for Archaeometry Ggmbh, 68159 Mannheim, Germany) - Gneccchi-Rusccone, Guido (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Faragó, Norbert (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University;) - Hajnal, Zsuzsanna (MNM NRI, Régi Régészeti Gyűjteményi Osztály) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Vida, Tivadar (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University; Institute of Archaeology, Hun-REN Research Centre for the Humanities) - Hofmanová, Zuzana (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Archaeology and Museology, Faculty of Arts, Masaryk University)

9:30 **SOCIAL ORGANIZATION AND MARRIAGE STRATEGIES IN AVAR-PERIOD COMMUNITIES**  
Rácz, Zsófia (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University) - Gneccchi-Rusccone, Guido (Max Planck Institute for Evolutionary Anthropology; Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology) - Szeniczey, Tamás (Department of Biological Anthropology, ELTE - Eötvös Loránd University) - Takács, Balázs (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University) - Faragó, Norbert (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University) - Samu, Levente (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University) - Hajdu, Tamás (Department of Biological Anthropology, ELTE

- Eötvös Loránd University) - Vida, Tivadar (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology; Department of Archaeology and Museology, Faculty of Arts, Masaryk University)

9:45 **UNVEILING THE SOCIAL AND GENETIC LANDSCAPES OF THE AVAR PERIOD SOUTHERN-TRANS-DANUBIA: A MULTIDISCIPLINARY STUDY OF THE KÖLKED-FEKETEKAPU CEMETERY**

Gyuris, Balázs (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities; Department of Genetics, ELTE-Eötvös Loránd University, Budapest) - Hajnal, Zsuzsanna (Hungarian National Museum) - Szeniczey, Tamás (ELTE Department of Biological Anthropology, ELTE-Eötvös Loránd University, Budapest) - Jakab, Kristóf (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Koncz, István (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Mende, Balázs (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities)

10:00 **DISCUSSION SLOT**

10:15 **DISCUSSION SLOT**

11:00 **PEOPLE FROM THE EARLY-MEDIEVAL ARCHAEOLOGICAL SITE NITRA-ŠINDOLKA, SLOVAKIA**

Krošláková, Mária - Ruttkay, Matej (Institute of Archaeology, Slovak Academy of Sciences)

11:15 **GENETIC MAKEUP AND CHANGE IN THE MEDIAEVAL COMMUNITIES OF THE CARPATHIAN BASIN**

Szeifert, Bea - Gerber, Dániel - Csáky, Veronika (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Gyuris, Balázs (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University) - Jakab, Kristóf - Szőke, Béla - Mende, Balázs (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities) - Sinika, Vitalij (Pridnestrovian State University Named After T. G. Shevchenko) - Türk, Attila (Institute of Archaeological Sciences, Faculty of Humanities and Social Sciences, Pázmány

Péter Catholic University; Hungarian Prehistory Researchgroup, Hun-Ren Research Centre for the Humanities) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Hun-Ren Research Centre for the Humanities)

11:30 **BETWEEN DIVERSITY AND HOMOGENEITY - THE ARCHAEOLOGICAL AND GENETIC ASPECTS OF MÉNFŐCSANAK-BEVÁSÁRLÓKÖZPONT (HUNGARY) DURING THE 7TH CENTURY**

Blay, Adrienn - Samu, Levente (Eötvös Loránd University) - Tian, Yijie (Stony Brook University) - Koncz, István (Eötvös Loránd University) - Vyas, Deven (Stony Brook University) - Tomka, Péter (Rómer Flóris Museum, Győr) - Vida, Tivadar (Eötvös Loránd University) - Geary, Patrick (Institute for Advanced Study, Princeton) - Veeramah, Krishna (Stony Brook University)

11:45 **ARCHAEOGENETIC INVESTIGATIONS RECONSTRUCT MOBILITY OF CENTRAL EUROPEAN POPULATIONS REPRESENTED BY THE RHINELAND REGION DURING THE MIGRATION PERIOD**

Lacher, Laura (Max-Planck Institute for Evolutionary Anthropology) - Nieveler, Elke (Landesmuseum Bonn) - Schmauder, Michael (Landesmuseum Bonn; University of Bonn) - Paffgen, Bernd (Ludwig-Maximilians University Munich) - Krause, Johannes (Max-Planck Institute for Evolutionary Anthropology; Friedrich-Schiller University Jena) - Schiffels, Stephan (Max-Planck Institute for Evolutionary Anthropology)

12:00 **LIFE AND DEATH IN THE MEDIEVAL VILLAGE OF VILVENICH: AN ANTHROPOLOGICAL AND BIOMOLECULAR APPROACH**

Pathé, Leonie - Rüniger, Torsten (Vor- und Frühgeschichtliche Archäologie, Institut für Archäologie und Kulturanthropologie, Rheinische Friedrich-Wilhelms-Universität Bonn) - Toso, Alice (Bonn Centre for Archaeosciences, Institut für Archäologie und Kulturanthropologie, Rheinische Friedrich-Wilhelms-Universität Bonn)

12:15 **RATHER PIGS THAN FISH - THE DIET OF THE EARLY MONASTIC COMMUNITY ON THE ISLAND OF REICHENAU IN LAKE CONSTANCE**

Lehn, Christine (Institute of Legal Medicine, Ludwig-Maximilians-University of Munich) - Trixl, Simon (State Office for Cultural Heritage Management Baden-Württemberg, Osteological Department, Archaeozoology) - Alterauge, Amelie (Institute for Pre- and Protohistory and Medieval Archaeology, University of Tübingen)

12:30 **DISCUSSION SLOT**

12:45 **DISCUSSION SLOT**

- 14:00 **COMMUNITY FORMATION IN THE EARLY MEDIEVAL NETHERLANDS: AN INTEGRATED BIOARCHAEOLOGICAL CASE STUDY NEAR NIJMEGEN**  
Altena, Eveline (Leiden University Medical Centre) - Kootker, Lisette (Vrije Universiteit Amsterdam) - Olalde, Iñigo (University of the Basque Country UPV/EHU; Harvard Medical School; Ikerbasque—Basque Foundation of Science) - Van Der Linde, Constance (Fysisch Antropologisch Onderzoeksbureau Tot Op Het Bot) - Hendriks, Joep (Nijmegen Municipality) - Theuvs, Frans (Leiden University) - Reich, David (Harvard Medical School; Broad Institute of MIT and Harvard; Harvard University; Howard Hughes Medical Institute)
- 14:15 **WHAT ISOTOPES HAVE TO OFFER IN MIGRATION PERIOD STUDIES IN SWEDEN?**  
Anagnostou, Eirini (Stockholm University)
- 14:30 **VIKING AGE BIOARCHAEOLOGY – STATE OF RESEARCH AND POSSIBLE FUTURE PERSPECTIVES**  
Palmowski, Valerie (University of Bonn)
- 14:45 **SEX DETERMINATION OF CHILD SKELETAL REMAINS: AN INTEGRATIVE APPROACH**  
Ivarsson-Aalders, Marieke (Stockholm University)
- 15:00 **A FRESH LOOK INTO THE MEROVINGIAN PERIOD INHUMATION GRAVES IN FINLAND**  
Moilanen, Ulla (University of Turku)
- 15:15 **DISCUSSION SLOT**
- 15:30 **DISCUSSION SLOT**

## 595 THE LIVING HERITAGE: ARCHAEOLOGICAL CULTURAL ROUTES IN THE CONTEXT OF CULTURAL TOURISM NETWORKS

- Room:** 24=CU002-FL1-Lauree  
**Time:** 8:30 - 13:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Rakvin, Marta (University of Zagreb Faculty of Humanities and Social Sciences; Iron Age Danube Route Association) - Balen, Jacqueline (Archaeological Museum in Zagreb; Iron Age Danube Route Association) - Vougioukas, Manos (Pafos Regional Board of Tourism; European Cultural Tourism Network (ECTN))

### ABSTRACTS

- 8:30 **DUST OFF THE PAST - REVITALIZING ROMAN HERITAGE**  
Abonyi, Zsanett (Budapesti Történeti Múzeum/ Budapest History Museum)
- 8:45 **IN SEARCH OF THE MODEL FOR SUSTAINABLE DEVELOPMENT AND MANAGEMENT OF ROMAN BONONIA - THE CULTURAL HERITAGE IN MODERN VIDIN**  
Dimitrov, Zdravko (National Archaeological Institute With Museum)
- 9:00 **CHALLENGES IN DEVELOPING UNDERWATER ARCHAEOLOGICAL HERITAGE INTO TOURISM PRODUCTS IN THE BALTIC SEA COUNTRIES**  
Roio, Maili (Muinsuskaitseamet)
- 9:15 **DISCUSSION SLOT**
- 9:30 **DEBUNKING THE DA VINCI CODE: FINDING A BALANCE BETWEEN FACT AND FICTION AT HERITAGE SITES**  
Rinehart Macrae, Grace (University College Dublin; the Humanities Guild)
- 9:45 **APPLICATIONS OF VIRTUAL REALITY IN ARCHAEOLOGY AND CULTURAL HERITAGE**  
Vasilyan, Viktoriya (Institute of Archaeology and Ethnography Nas Ra; American University of Armenia)
- 10:00 **NEW SKILLS FOR NEW TIMES: ARCHAEOLOGICAL HERITAGE PRESENTATION CHALLENGES IN LIGHT OF THE USE OF NEW TECHNOLOGIES**  
Rakvin, Marta - Balen, Jacqueline - Šćukanec Reznicek, Porin (Iron Age Danube Route Association; Archaeological Museum in Zagreb)
- 10:15 **DISCUSSION SLOT**

- 11:00 **HERITAGE UTOPIAS? A CASE STUDY OF SUSTAINABLE CULTURAL ROUTE DEVELOPMENT IN NORTHERN NORWAY**  
Bentsen, Silje (Nordland County Council; University of the Witwatersrand) - Storsletten, Vivi Marie (Nord University) - Jakobsen, Ove (Nord University)
- 11:15 **THERE ARE NO LIMITS HERE... LIVING HERITAGE ROUTES AS AN EXAMPLE OF CREATIVITY AND IMAGINATION IN CULTURE TOURISM**  
Chowaniec, Roksana (University of Warsaw) - Anđelković Grašar, Jelena (Institute of Archaeology, Belgrade)
- 11:30 **THE 'ARGONAUTICA CULTURAL ROUTE' AS A CATALYST FOR SUSTAINABLE CULTURAL TOURISM DEVELOPMENT AND PROMOTION**  
Vougioukas, Manos (European Cultural Tourism Network (ECTN); Argonautica Network)
- 11:45 **DISCUSSION SLOT**
- 12:00 **DIONYSIAN ARCHAEOLOGY: NAXOS ISLAND'S ALL-SEASON MYSTIQUE EXPLORED THROUGH ARCHAEOLOGICAL AND CARNIVAL TOURS**  
Anevlavis, Emmanouil (University of Patras) - Anevlavis, Vasiliki (Austrian Archaeological Institute/Austrian Academy of Sciences) - Argypoulou, Maria (University of Patras) - Chatzopoulou, Evi (University of Patras)
- 12:15 **"HALLSTATT DAYS"- A SMALL FESTIVAL OF REVIVED HISTORY WITH GREAT POTENTIAL AND CHALLENGES**  
Rupert, Kristin (Zlatni Papuk Tourist Board)
- 12:30 **COMMUNICATION, CULTURAL HERITAGE AND SPORT. FONDAZIONE MONT'E PRAMA, DINAMO BANCO DI SARDEGNA, CAGLIARI CALCIO: TOGETHER FOR CULTURE IN SARDINIA**  
Camedda, Nicoletta - Mureddu, Maria - Orri, Ilaria - Becciu, Mariuca - Fadda, Sara - Pitzalis, Matteo - Murru, Giorgio Franco - Muroli, Anthony (Fondazione Mont'E Prama)
- 12:45 **DISCUSSION SLOT**

**597 MIGRATION AND THE MAKING OF THE ANCIENT GREEK WORLD**

- Room:** 18=CU003-FL3-Morghen  
**Time:** 14:00 - 16:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Mac Sweeney, Naoise (University of Vienna) - Mokrišová, Jana (University of Cambridge)

**ABSTRACTS**

- 14:00 **RETHINKING SYNOIKISMOS: EAST LOKRIS**  
Kopanaki, Eleni (University of Vienna)
- 14:15 **RETHINKING APOIKISM: IONIA**  
Mokrisova, Jana (University of Cambridge)
- 14:30 **RETHINKING URBANISATION: MAGNA GRAECIA AND SICILY**  
Quondam, Francesco (Universität Wien)
- 14:45 **DISCUSSION SLOT**
- 15:00 **RETHINKING THE GREEK-BARBARIAN DIVIDE: A NEW LOOK AT THE TEXTUAL SOURCES**  
Hansen, Clara Maria (University of Vienna)
- 15:15 **BIG QUESTIONS - SMALL SOLUTIONS, OR ANY SOLUTIONS AT ALL?**  
Bernegger, Bettina (Universität Wien)
- 15:30 **MIGRATION AND THE MAKING OF THE GREEK WORLD: THE WORK OF THE MIGMAG PROJECT**  
Mac Sweeney, Naoise (Universität Wien)
- 15:45 **DISCUSSION SLOT**

## 600 CHURCHES AS RESOURCES FOR SOCIETY? CO-CREATING KNOWLEDGE AND CAPTURING SOCIAL VALUE

**Room:** 64=CU022-FLG-Aula C

**Time:** 8:30 - 10:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Pickles, Thomas (University of Chester) - Chavarria Arnau, Alejandra (University of Padua) - Foster, Sally (University of Stirling)

### ABSTRACTS

8:30 INTRODUCTION

8:45 THE WIKICARE PLATFORM AND THE COLLABORATIVE CATALOGUING OF EARLY MEDIEVAL CHURCHES: FROM RESEARCH TO SOCIAL VALUE

Chavarria, Alexandra (Dipartimento dei Beni Culturali Università degli Studi di Padova)

9:00 EARLY CHRISTIAN CHURCHES AND LANDSCAPES (ECCLES) - CO-CREATING A WEB RESOURCE WITH STRATEGIC, EDUCATIONAL AND INFRASTRUCTURAL STAKEHOLDERS

Pickles, Thomas (University of Chester)

9:15 ARCHAEOLOGICAL RESEARCH, MONUMENT MANAGEMENT, AND PUBLIC RESPONSE CONCERNING THE PRE-ROMANESQUE CHURCHES IN MORAVIA (CZ)

Poláček, Lumír (Institute of Archaeology of the Czech Academy of Sciences, Brno)

9:30 ENGLISH CHURCHYARDS: FROM LANDSCAPES OF MEMORY TO LANDSCAPES OF MEANING

Mytum, Harold (University of Liverpool)

9:45 AUGMENTED REALITY, VIRTUAL REALITY, AND SOCIAL VALUE - RECONSTRUCTING ST JOHN'S CHURCH, CHESTER, TO INCREASE AWARENESS AND ACCESSIBILITY

Wilson, Katherine (University of Chester)

10:00 CULINARY HERITAGE OF THE CISTERCIANS: WHEN FOOD HISTORY OPENS UP NEW WAYS TO RELATE TO MONASTIC SITES

Brauer, Michael (Department of History, University of Salzburg)

10:15 DISCUSSION SLOT

## 616 WHOSE HERITAGE? MIGRATION AND HERITAGE: PROBLEM OR OPPORTUNITY?

**Room:** 35=CU005-FL1-Gismondi I

**Time:** 16:30 - 18:30

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Discussion session (with formal abstracts)

**Organisers:** Viragos, Gabor (EAA Heritage Advisory Committee; Hungarian National Museum) - Demoul, Jean-Paul (EAA Community On Archaeological Legislation and Organisation; Institut Universitaire de France & Université de Paris)

### ABSTRACTS

16:30 INTRODUCTION

16:45 VARIATIONS FOR PEOPLE AND HERITAGE: INDIGENOUS AND IMMIGRANT - LOCAL AND IMPORTED

Viragos, Gabor (Hungarian National Museum; EAA Heritage Advisory Committee)

17:15 ARCHAEOLOGICAL HERITAGE MANAGEMENT AND LOCAL HISTORY - WHOSE PAST IS AT STAKE HERE?

Fries, Jana (Niedersächsisches Landesamt für Denkmalpflege)

17:30 CHALLENGING „SENSE OF SPACE/PLACE“. MIGRATION, NEWCOMERS AND ADVOCACY FOR DE-HERITAGIZATION PROCESSES

Calaon, Diego - Monica, Calcagno - Magnini, Luigi (Ca' Foscari University - Venice)



## 617 FROM LOTS OF DATA TO BIG DATA: STRATEGIES FOR QUALITY, REUSABILITY, AND ACCESSIBILITY OF DATABASES

**Room:** 14=CU003-FL3-Simonetti

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Schjerven, Nicoline (University of Gothenburg) - Dahlberg, Fredrik (University of Gothenburg) - Bilotti, Giacomo (Christian-Albrechts-Universität Zu Kiel)

### ABSTRACTS

- 14:00 **MODERN PATHWAYS TO MOBILITY. NEW APPROACHES TO MOBILITY AND CONNECTIVITY IN ARCHAEOLOGY IN THE LIGHT OF BIG DATA**  
Schjerven, Nicoline - Dahlberg, Fredrik (Department of Historical Studies, University of Gothenburg)
- 14:15 **ESCAPING THE PAST: THE NEED TO UPLIFT DATA QUALITY AND STANDARDS IN ARCHAEOLOGY.**  
d'Aprix, Michael (University College London)
- 14:30 **THE BIAD STANDARDS: RECOMMENDATIONS FOR ARCHAEOLOGICAL DATA PUBLICATION AND INSIGHTS FROM THE BIG INTERDISCIPLINARY ARCHAEOLOGICAL DATABASE**  
Reiter, Samantha (National Museum of Denmark) - Staniuk, Robert (University College London) - Kolar, Jan (University College London) - Agerskov Rose, Helene (University of Gothenburg) - Bulatovic, Jelena (University of Gothenburg) - Ryabogina, N. (University of Gothenburg) - Speciale, Claudia (University of Gothenburg; Catalan Institute of Human Paleoecology and Social Evolution (Iphes) - Kristiansen, Kristian (University of Gothenburg) - Thomas, Mark (University College London) - Timpson, Adrian (University College London)
- 14:45 **DISCUSSION SLOT**
- 15:00 **GRAPPLING WITH BIG HERITAGE DATA: REFLECTIONS ON THE MODELLING OF HETEROGENEOUS HERITAGE INFORMATION FROM THE MAHSA AND MAEASAM PROJECTS.**  
Lander, Faye (Origins-Centre, University of the Witwatersrand) - Project, Mapping Africa'S Endangered Archaeological Sites and Monuments (Maeasam) (McDonald Institute for Archaeological Research, University of Cambridge) - Project, Mapping Archaeological Heritage

of South Asia, McDonald Institute for Archaeological Research, University of Cambridge)

- 15:15 **(RE)CONNECTING SCATTERED FRAGMENTS. SETTING THE FOUNDATION FOR A DATA BASE COMBINING ROMAN STONE ARCHITECTURE AND ITS HISTORY OF STUDY**  
Rensinghoff, Berenike (Philipps-Universität Marburg) - Deicke, Aline (Philipps-Universität Marburg; Akademie Der Wissenschaften und der Literatur Mainz) - Rösler, Katja (Römisch-Germanische Kommission)
- 15:30 **COMPUTATIONAL APPROACHES TO A SUSTAINABLE HERITAGE MANAGEMENT IN CENTRAL ASIA**  
Nebbia, Marco - Jorayev, Gai - Pang, Rui (Institute of Archaeology, University College London) - Voyakin, Dmitry (International Centre for Central Asian Studies, Uzbekistan) - Abdelrazek, Mahmoud (Arc Research Data Group, University College London) - Alvey, Bryan (Cultural Heritage Information Consultants) - Williams, Tim (Institute of Archaeology, University College London)
- 15:45 **DISCUSSION SLOT**
- 16:30 **RE-WORKING OF THE NUMISMATIC DATABASE OF THE NIETULISKO MAŁE HOARD APPLYING INTERNATIONAL STANDARDS AND RTI DOCUMENTATION**  
Zajac, Barbara (National Museum in Krakow) - Ostrowski, Wojciech (Jagiellonian University, Institute of Archaeology, Poland; Warsaw University of Technology, Poland) - Bodzek, Jarosław (Jagiellonian University, Institute of Archaeology, Poland) - Sochacki, Grzegorz (Jagiellonian University, Institute of Archaeology, Poland) - Wilk, Łukasz - Zachar, Paulina - Modrzewski, Jakub (Warsaw University of Technology, Poland)
- 16:45 **LEGACY COINS: MAKING ROMAN COINS OF THE PAST COMPATIBLE WITH THE FUTURE**  
Welte, Micheline - Burkhart, Karl - Schwaiger, Helmut (Austrian Archaeological Institute)
- 17:00 **CHANGES IN HUMAN-PLANT INTERACTIONS IN CENTRAL ITALY OVER TIME: COLLECTION AND COMPARISON OF PUBLISHED AND UNPUBLISHED ARCHAEOBOTANICAL DATA**  
Moricca, Claudia (Department of Environmental Biology, Sapienza University of Rome) - Florenzano, Assunta (Department of Life Sciences, University of Modena and Reggio Emilia) - Mercuri, Anna (Department of Life Sciences, University of Modena and Reggio Emilia) - Sadori, Laura (Department of Environmental Biology, Sapienza University of Rome)

- 17:15 DISCUSSION SLOT
- 17:30 TRANSPARENT INTEGRATION AND REUSE OF LARGE ARCHAEOLOGICAL DATASETS: A CASE STUDY FROM NEOLITHIC AND BRONZE AGE SOUTHERN SCANDINAVIA  
Bilotti, Giacomo (Kiel University)
- 17:45 VISUALIZING ARCHAEOLOGICAL DATA - SMALL PROJECTS, BIG PROBLEMS  
Molander, Paula (Rio Kulturlandskapet; Gothenburg University)
- 18:00 IMPLEMENTING DATA MANAGEMENT STRATEGY BASED ON AGILE SCRUM METHODOLOGY WITHIN THE AL-ULA CULTURAL PROJECT (UCOP)  
Leschallier de Lisle, Anne - Gourret, Gaël - Charbonnier, Julien (Archaios) - Kanhoush, Yasmin (Archaios; Archeorient UMR 5133)
- 18:15 DISCUSSION SLOT

## 627 MORE THAN FIRE: INVESTIGATING PYRE TECHNOLOGY IN EXPERIMENTAL AND ARCHAEOLOGICAL CREMATIONS FOR UNDERSTANDING THE BURNING CONDITIONS

**Room:** 7=CU003-FL1-Aula II

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Stamataki, Elisavet (Vrije Universiteit Brussel) - Fülöp, Kristóf (Hun-Ren Research Centre for the Humanities, Institute of Archaeology) - Magno, Giovanni (Morgagni Museum of Human Anatomy - University Museums Centre Cam, University of Padua)

### ABSTRACTS

- 8:30 TRANSFORMING BODIES: THE SIGNIFICANCE OF PYRE TECHNOLOGIES IN THE TRANSFORMATION OF THE HUMAN BODY BASED ON THREE OPEN-AIR CREMATION EXPERIMENTS  
Fülöp, Kristóf (Hun-Ren Research Centre for the Humanities Institute of Archaeology) - Chatzikonstantinou, Ioannis (Department of History and Archaeology, Aristotle University of Thessaloniki) - Chronaki, Sotiria (Department of History and Archaeology, Aristotle University of Thessaloniki) - Gucsi, László (Hun-Ren Research Centre for the Humanities Institute of Archaeology) - Triantaphyllou, Sevasti (Department of History and Archaeology, Aristotle University of Thessaloniki)

- 8:45 EXPERIMENTAL CREMATION AS A RECONSTRUCTION OF ANCIENT VENETI RITUALS  
Magno, Giovanni (Morgagni Museum of Human Anatomy - University of Padua) - Stamataki, Elisavet (Vrije Universiteit Brussel)
- 9:00 EXPLORING PYROTECHNOLOGICAL DYNAMICS: INSIGHTS FROM EXPERIMENTAL AND ZOOARCHAEOLOGICAL ANALYSIS OF BURNT SKELETAL REMAINS  
Chronaki, Sotiria - Chatzikonstantinou, Ioannis - Kadi, Domniki - Triantaphyllou, Sevasti (Department of History and Archaeology, Aristotle University of Thessaloniki)
- 9:15 THE AEGEAN SPARKS: INTERDISCIPLINARY EXPLORATION OF FIRE USE IN EXPERIMENTAL AND PREHISTORIC ARCHAEOLOGICAL CONTEXTS CONTAINING SKELETAL REMAINS  
Chatzikonstantinou, Ioannis - Chronaki, Sotiria (Department of History and Archaeology, Aristotle University of Thessaloniki) - Fülöp, Kristóf (Hun-Ren Research Centre for the Humanities Institute of Archaeology) - Kadi, Domniki (Department of History and Archaeology, Aristotle University of Thessaloniki) - Stamataki, Elisavet (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - Papathanasiou, Vasso (Department of History and Archaeology, Aristotle University of Thessaloniki) - Kiriati, Evangelia (Fitch Laboratory, British School at Athens) - Snoeck, Christophe (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - Triantaphyllou, Sevasti (Department of History and Archaeology, Aristotle University of Thessaloniki)
- 9:30 CREMATION IN THE FUNERAL RITE OF THE ANDRONOVO CULTURE: EVIDENCE AND EXPERIMENT (BASED OF THE BRONZE AGE LISAKOVSK SITE, KAZAKHSTAN)  
Usmanova, Emma (Buketov Karaganda State University, Margulan Archaeological Institute, Kazakhstan Kazakhstan;)
- 9:45 THE EFFECTS OF FUNERARY PRACTICE AND THE BURNING SCENARIO ON SCIENTIFIC INTERPRETATIONS OF BURNED BONE  
Monetti, Lisa (Drew University)
- 10:00 TWO CREMATION EXPERIMENTS IN OLD UPPSALA, SWEDEN. OSTEOLOGICAL OBSERVATIONS AND REFLECTIONS ON SOOTINESS, SPATIAL DISTRIBUTION AND FRAGMENTATION  
Prata, Sofia - Sjöling, Emma (Stiftelsen Societas Archaeologica Upsaliensis)
- 10:15 DISCUSSION SLOT

- 11:00 **MANAGING FIRE AND BONES: OSTEOARCHAEOLOGICAL EVIDENCE FROM EARLY IRON AGE CENTRAL MACEDONIA, GREECE**  
Papathanasiou, Vasso - Triantaphyllou, Sevasti (Department of History and Archaeology, Aristotle University of Thessaloniki) - Lioutas, Asterios - Misailidou-Despotidou, Vasiliki (Ministry of Culture, Greece)
- 11:15 **BIOLOGICAL AND CULTURAL INSIGHTS FROM CREMATION PRACTICES: A MULTIDISCIPLINARY APPROACH AT EL TORREJÓN DE GÁTOVA**  
Alapont, Llorenç (Universitat de València) - Burriel, Josep Maria (Museu Arqueològic de Moncada) - Ruiz, Juan José (Fundación Antonia Clavel) - Martí Bonmatí, Luís (Instituto de Investigación Sanitaria la Fe Valencia) - Ginés Cárdenas, Sonia (Instituto de Investigación Sanitaria la Fe Valencia) - Penadés Blasco, Ana (Instituto de Investigación Sanitaria la Fe Valencia) - Gallelo, Gianni (Universitat de València) - Fababuj, Francisco (Independent Researcher) - Sabater, Ana (Independent Researcher) - Granell, Paula (Independent Researcher)
- 11:30 **FIRE AND STONE: A UNIQUE CREMATION MEGALITHIC TOMB IN IBERIA**  
Becerra Fuelle, Paula - Aranda Jiménez, Gonzalo (University of Granada) - Díaz-Zorita Bonilla, Marta (University of Tübingen) - Vílchez Suárez, Miriam - Robles Carrasco, Sonia (University of Granada) - Sánchez Romero, Margarita (University of Granada)
- 11:45 **SPECTROSCOPIC AND ISOTOPIC STUDY OF INTENSITY OF FIRING OF CREMATED HUMAN REMAINS FROM ROMAN BURIALS FROM HADRIAN'S WALL, UK**  
Mays, Simon (Historic England) - Schulting, Rick (University of Oxford) - Pouncett, John (University of Oxford) - Snoeck, Christophe (Vrije Universiteit Brussel) - Wilmott, Tony (Historic England)
- 12:00 **UNVEILING THE FIERY PAST: INSIGHTS INTO THE CREMATION PRACTICES AT GALLO-ROMAN TIENEN USING CARBON AND OXYGEN ISOTOPE ANALYSIS AND FTIR-ATR**  
Frère, Anneminne (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel; Brussels Research Centre on Innovation in Learning and Diversity, Vrije Universiteit Brussel) - Stamataki, Elisavet (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - Legrand, Emma M. (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel) - Martens, Marleen (Flanders Heritage Agency) - de Mulder, Guy (Department of Archaeology, Ghent University) - de Backer, Free (Brussels Research Centre on Innovation in Learning and Diversity, Vrije Universiteit Brussel) - Snoeck, Christophe (Archaeology, Environmental Changes & Geo-Chemistry, Vrije Universiteit Brussel)

- 12:15 **JOURNEY THROUGH AGES: TRACKING STRONTIUM SHIFTS ACROSS ADULT LIFE STAGES**  
Waltenberger, Lukas (University of Vienna; Austrian Academy of Sciences) - Fritzl, Michaela - Skerjanz, Hannah - Verdianu, Domnika (Austrian Academy of Sciences) - Rebay-Salisbury, Katharina (University of Vienna; Austrian Academy of Sciences)
- 12:30 **EXPLORING ELEMENTAL DYNAMICS IN CREMATED BONE: A GEOCHEMICAL EXPLORATION USING EXPERIMENTAL ARCHAEOLOGY**  
Vegh, Emese (Amgc, Vrije Universiteit Brussel) - Kaskes, Pim (Laboratoire G-Time, Université Libre de Bruxelles) - Boonants, Tom (Amgc, Vrije Universiteit Brussel) - Goderis, Steven (Amgc, Vrije Universiteit Brussel) - Snoeck, Christophe (Amgc, Vrije Universiteit Brussel)
- 12:45 **DISCUSSION SLOT**

## 644 **MOBILITY AND TERRITORIALITY IN PRE-ROMAN ITALY: ROUTES, OBJECTS, IDEAS**

**Room:** 10=CU003-FL1-Aula V

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Di Fazio, Massimiliano (Università di Pavia) - Stek, Tesse (University of Groningen; Knir) - Tabolli, Jacopo (Università Per Stranieri, Siena) - Riva, Corinna (University College London)

### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **SETTLING THE APENNINES IN THE BRONZE AGE. NEW DATA FROM THE TAPPINO VALLEY AREA**  
Palazzini, Flavia (Sapienza - Università di Roma; KNIR) - de Neef, Wieke (University of Bamberg) - Stek, Tesse (University of Groningen; KNIR)
- 14:30 **THE RISE OF EARLY ROME. NETWORKS AND DOMINATION IN CENTRAL ITALY (1050-500 BC)**  
Fulminante, Francesca (Bristol University; Oxford University; University Roma Tre)
- 14:45 **STAPLE RESOURCES MOBILIZATION AND EXCHANGE AT THE URBAN TRANSITION IN CENTRAL ITALY (8TH-6TH C. BCE). THE ISOTOPIC EVIDENCE FROM GABII.**  
Motta, Laura (University of Michigan)

- 15:00 THE PROJECT FAMILIES, GENDER, MOBILITY AND INTERCULTURALISM IN THE ETRUSCO-ITALIC NECROPOLIS: CASE STUDIES FROM CAMPANIA AND VENETO. SOME PRELIMINARY CONSIDERATIONS  
Gambacurta, Giovanna (Ca' Foscari University Venice) - Pellegrino, Carmine (Università degli Studi di Salerno) - Cuzzo, Mariassunta (Università degli Studi del Molise)
- 15:15 AN INVISIBLE RIVER IN A LANDSCAPE OF VISIBLE MOBILITY: THE RIVER CLANIS  
Tabolli, Jacopo (Università Per Stranieri di Siena)
- 15:30 MOBILE MYTHS IN PRE-ROMAN ITALY  
Wright, Parrish (University of South Carolina)
- 15:45 DISCUSSION SLOT
- 16:30 FOLLOW THE WOLF. THE VER SACRUM TRADITION AND THE MOBILITY IN PRE-ROMAN ITALY  
Di Fazio, Massimiliano (University of Pavia)
- 16:45 ENCLOSING PASTORALISM: PASTORAL MOBILITY AS A SOCIAL CONNECTOR IN PRE-ROMAN CENTRAL ITALY  
Cohen, Sheira (Intercollegiate Centre for Classical Studies in Rome)
- 17:00 CROSSROADS OF ANTIQUITY: INVESTIGATING THE IMPACT OF ROMAN INFRASTRUCTURE ON PRE-ROMAN TRADE IN THE PELIGNA VALLEY  
Merola, Antonio (Dirum, Università di Bari)
- 17:15 FROM THE MOUNTAINS TO SEA AND BACK: TOWARDS A MORE NUANCED UNDERSTANDING OF BURIAL PRACTICES IN SOUTHERN LATIUM  
Revello Lami, Martina (Leiden University) - Marazzi, Elena - di Fazio, Massimiliano (Università di Pavia)
- 17:30 MOBILITY BETWEEN THE LATIAL HINTERLAND AND THE COASTAL AREAS AT THE DAWN OF THE ROMAN EXPANSION: THE CASE OF SATRICUM  
Gnade, Marijke (Royal Netherlands Institute in Rome; University of Amsterdam)
- 17:45 ORANGE IS THE NEW BLACK. FROM HELLENISTIC TO ROMAN FINE WARE IN SOUTHERN ITALY.  
De Mitri, Carlo (Università del Molise)
- 18:00 DISCUSSION SLOT

## 646 EXPLORING TRAUMATIC INJURIES LEADING TO DISABILITY IN THE PRE-ANTIBIOTIC ERA: A MULTIDISCIPLINARY APPROACH

- Room:** 35=CU005-FL1-Gismondi I  
**Time:** 8:30 - 13:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Micarelli, Ileana (McDonald Institute for Archaeological Research, University of Cambridge) - Mckenzie, Catriona (Department of Archaeology, College of Humanities, University of Exeter) - Matczak, Magdalena (Institute of Archaeology, Nicolaus Copernicus University, PI; Faculty of History, Adam Mickiewicz University, PI) - Casagrande, Giulia (Department of Classics, Sapienza University of Rome)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 INTRODUCTION TO THE SESSION #646: EXPLORING TRAUMATIC INJURIES LEADING TO DISABILITY IN THE PRE-ANTIBIOTIC ERA: A MULTIDISCIPLINARY APPROACH  
Micarelli, Ileana (McDonald Institute for Archaeological Research, University of Cambridge) - Mckenzie, Catriona (Department of Archaeology, College of Humanities, University of Exeter) - Matczak, Magdalena (Institute of Archaeology, Nicolaus Copernicus University, PI) - Casagrande, Giulia (Department of Classics, Sapienza University of Rome)
- 9:00 TRAUMATIC EVIDENCE AND DISABILITIES IN AN EXCEPTIONAL POPULATION OF THE SW MEDITERRANEAN CHALCOLITHIC: CAMINO DEL MOLINO (MURCIA, SPAIN)  
Haber, María (Dpto. Preh., Arq., H. Antigua, H. Medieval y Ccytt Historiograficas. Univ.Murcia) - Díaz, Sonia (University of Valladolid)
- 9:15 DISCUSSION SLOT
- 9:30 FROM ONE TRAUMA TO ANOTHER: THE UNIQUE CASE OF VICTIM 2 FROM POMPEII - INSULA DEI CASTI AMANTI.  
Amoretti, Valeria (Pompeii Archaeological Park) - Sparice, Domenico (Pompeii Archaeological Park; Osservatorio Vesuviano - Istituto Nazionale di Geofisica e Vulcanologia) - Zuchtriegel, Gabriel (Pompeii Archaeological Park)

- 9:45 **UNVEILING LIFE'S STRUGGLES: A MULTIDISCIPLINARY APPROACH TO EXPLORE TRAUMA IN THE LONGOBARD PERIOD**  
Panella, Sofia (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome) - Bernardini, Sara (Department of Cultural Heritage, University of Bologna; Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome; Aix Marseille Univ, CNRS, Minist Culture, Lampea) - Zeppilli, Carlotta (Department of Life and Environmental Sciences, University of Cagliari, Cagliari, Italy) - Maurizi, Antonio (Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila) - Tafuri, Mary Anne (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza University of Rome) - Micarelli, Ileana (McDonald Institute for Archaeological Research, University of Cambridge)
- 10:00 **DISABILITY OF AN ADULT MALE WITH AMPUTATION OF A LOWER LIMB FROM MEDIEVAL CULMEN, POLAND**  
Matczak, Magdalena (Institute of Archaeology, Nicolaus Copernicus University in Torun; Faculty of History, Adam Mickiewicz University in Poznan) - Kozłowski, Tomasz - Chudziak, Wojciech (Institute of Archaeology, Nicolaus Copernicus University in Torun)
- 10:15 **DISCUSSION SLOT**
- 11:00 **BROKEN BONES AND REMEDIES: A BIOARCHAEOLOGICAL ASSESSMENT OF TRAUMA AND MEDICINE IN MEDIEVAL ICELAND**  
Haraldsson, Haraldur (University of Iceland) - Walser Iii, Joe (National Museum of Iceland)
- 11:15 **RECLAIMING AGENCY: UNVEILING THE LIVED EXPERIENCE OF DISABILITY IN RURAL TRANSYLVANIA**  
Heron, Megan (Florida Atlantic University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haáz Rezső Múzeum)
- 11:30 **THE POWER OF PHYSICAL LIMITATIONS: FOUNDING THE CLASSIC COPAN DYNASTY**  
Buikstra, Jane (Arizona State University) - Bell, Ellen (California State University Stanislaus) - Wolf, Katherine (University of West Florida) - Traxler, Loa (University of New Mexico)
- 11:45 **DISCUSSION SLOT**
- 12:00 **DISCUSSION SLOT**

## 654 **CENTREING THE OBJECT: BETWEEN PRODUCTION AND CONSUMPTION IN CERAMIC STUDIES**

- Room:** 46=CU013-FL2-Rasetti  
**Time:** 8:30 - 13:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Knappett, Carl (University of Toronto) - Paralovo, Elena (Charles University, Prague) - Rosell Garrido, Patricia (Independent Researcher; University of Alicante) - Tsuvaltsidis, Aude (Sorbonne Université; Charles University, Prague) - Langohr, Charlotte (F.R.S.-FNRS/ UCLouvain)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **STAYING IN-BETWEEN: CERAMIC PERSPECTIVES ON STYLE BASED ON THE STUDY OF MINOAN POTTERY**  
Mathioudaki, Iro (Associate Researcher Aegis Research Group)
- 9:00 **POSITIONING POTTERY BETWEEN PRODUCER AND CONSUMER AT THE LATE BRONZE AGE WORKSHOP OF PETSAS HOUSE, MYCENAE, GREECE**  
Shelton, Kim (University of California Berkeley) - Kvapil, Lynne (Butler University)
- 9:15 **DISCUSSION SLOT**
- 9:30 **CERAMIC MEDIA, CHANGE AND ACTIVITY (RE)ARRANGEMENTS: INVESTIGATING SERVING AND CONSUMPTION VESSELS FROM EARLY HELLADIC SETTLEMENTS**  
Kapsali, Polina (University of Cambridge)
- 9:45 **A VIEW FROM THE TALL GRASS: THE PLACE OF REED DECORATION IN THE LM IA CERAMIC REPERTOIRE IN CRETE**  
Oddo, Emilia (Tulane University)
- 10:00 **LATE CYPRIOT 'BATHTUBS': A CASE STUDY FROM ERIMI-PITHARKA**  
Recht, Laerke (University of Graz) - Yamasaki, Mari (PCMA, University of Warsaw) - Clark, Brigid (University of Haifa) - Zeman-Wisniewska, Katarzyna (Cardinal Stefan Wyszyński University, Warsaw)
- 10:15 **DISCUSSION SLOT**

- 11:00 CERAMIC STYLISTIC DIVERSITY IN EARLY GREECE: EXCLUSIVE STYLE(S) AND RITUAL CONTAINERS  
Vlachou, Vicky (Aristotle University of Thessaloniki)
- 11:15 MASS-PRODUCED OR MASS-APPEAL? CORINTHIAN POTTERY PRODUCTION IN THE ARCHAIC PERIOD  
Bertram, Haley (University of Cincinnati)
- 11:30 DISCUSSION SLOT
- 11:45 FROM RAW CLAY, BACK TO EARTH: TECHNIQUES, FUNCTIONS AND CONSUMPTIONS OF EARLY IRON AGE POTTERY AT INCORONATA  
Willborn, Chantal - Malingre, Léa (Rennes 2 University) - Mandić, Josipa (Aix-Marseille University, Centre Camille Jullian; UMR 6566 CREAAH)
- 12:00 REVISITING THE POLYCHROME PAINTED POTTERY OF EARLY BRONZE AGE MESOPOTAMIA.  
Lewis, Michael (Universidade de Coimbra) - del Bravo, Francesco (Freie Universität Berlin)
- 12:15 MATERIAL SEMIOTICS AND FEMALE FIGURINES: CRAFTING POLITICAL ECONOMIES IN THE SOUTHERN LEVANT  
Hunziker-Rodewald, Regine - Aioanei, Andrei (University of Strasbourg)
- 12:30 DISCUSSION SLOT

**661 ON FIRE! ANCIENT PYROTECHNOLOGIES IN PRODUCTIVE AND RITUAL EASTERN MEDITERRANEAN AND NEAR EASTERN CONTEXTS**

**Room:** 15=CU003-FL3-Aula XXII

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Laneri, Nicola (University of Catania) - Baldi, Johnny (CNRS) - Mendola, Alice (Università di Roma ,La Sapienza')

**ABSTRACTS**

- 8:30 INTRODUCTION

- 8:45 WHO BY FIRE? HOW THE POTTER BUILT THE KILN AND HOW THE KILN BUILT THE POTTER  
Padovani, Claire (Paris 1 Panthéon Sorbonne)
- 9:00 FEELING THE FIRE. A PERCEPTIVE APPROACH TO THE TECHNO-ORGANISATIONAL COMPLEXITY OF THE POTTER'S WORKSHOPS IN THE EARLY MESOPOTAMIAN STATES  
Baldi, Johnny (CNRS UMR 5133 Archéorient)
- 9:15 THE OVERLOOKED PYROTECHNOLOGY: A CONSIDERATION OF THE BITUMEN FINDS FROM THE OLD BABYLONIAN MESOPOTAMIAN SITE OF TELL MUHAMMAD  
Hinks, Megan (University of Cambridge) - Laneri, Nicola (University of Catania)
- 9:30 FIRE FOR WATER: THE USE OF FIRE ASSOCIATED WITH WATER FACILITIES IN MESOPOTAMIA DURING THE OLD BABYLONIAN PERIOD  
Laneri, Nicola (University of Catania)
- 9:45 EXPLORING POTTERY FIRING DYNAMICS: INTEGRATING ARCHAEOMETRIC ANALYSES AND EXPERIMENTAL ARCHAEOLOGY  
Solard, Baptiste (Archaeometry Research Group, Eberhard Karls University of Tübingen) - Amicone, Silvia (Archaeometry Research Group, Eberhard Karls University of Tübingen; Institute of Archaeology, University College London)
- 10:00 DISCUSSION SLOT
- 10:15 DISCUSSION SLOT
- 11:00 FIRE IN THE HEARTLAND OF CITIES: ILLUMINATING MESOPOTAMIAN NIGHTS  
Earley-Spadoni, Tiffany (University of Central Florida)
- 11:15 BURNING ARSLANTEPE. HEATING, COOKING, FEASTING, AND MUCH MORE DURING THE LATE CHALCOLITHIC PERIOD  
Balossi Restelli, Francesca (Sapienza University of Rome)
- 11:30 DETECTING FIRE-AGENCY AND HYBRIDIZATION: A VIEW FROM THE LATE BRONZE AND EARLY IRON AGE SOUTHERN CAUCASUS SETTLEMENT OF TAVA TEPE  
Mendola, Alice (La Sapienza University of Rome) - Caggiani, Maria - Barone, Germana - Mazzoleni, Paolo (University of Catania)
- 11:45 THE USE OF FIRE IN THE FUNERARY PRACTICES OF THE SOUTHERN CAUCASUS DURING THE PROTOHISTORY.  
Poulmarc'H, Modwene (Université de Lyon, Archéorient (UMR 5133 CNRS/Université Lyon 2, Maison de L'Orient et de la Méditerranée Jean Pouilloux)

- 12:00 INK INSCRIPTIONS AT BAZEH HUR - A PRELIMINARY REPORT  
Cereti, Carlo (Sapienza; UCI) - Labbaf-Khaniki, Meysam (University of Tehran)
- 12:15 DISCUSSION SLOT
- 12:30 DISCUSSION SLOT

**676 POTS IN TRANSITION: RESILIENCE, CHANGE, AND REVIVAL IN CENTRAL ASIA AND ITS NEIGHBOURHOOD FROM THE PERSPECTIVE OF CERAMICS RESEARCH**

**Room:** 65=CU022-FLG-Giacomini  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session with presentations + final discussion  
**Organisers:** Fusaro, Agnese (University for Foreigners of Siena - International University) - Puschnigg, Gabriele (Institute of Iranian Studies, Austrian Academy of Sciences) - Bruno, Jacopo (Sapienza University of Rome)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 DISCUSSION SLOT
- 9:00 UNVEILING POT-ENTIAL STORIES OF GREY WARES IN NORTHEASTERN IRAN AND SOUTHEASTERN CENTRAL ASIA FROM THE CHALCOLITHIC TO THE IRON AGE  
Abric, Camille (Paris 1 Panthéon-Sorbonne; UMR 7041 Arscan – Vepmo) - Lhuillier, Johanna (CNRS - UMR 5133 Archéorient)
- 9:15 POTTERY ANALYSIS AND THE OXUS CIVILIZATION. REVIEW AND STRATEGIES FROM TOGOLOK DEPE 1 AS A CASE STUDY  
Luneau, Elise (Deutsches Archäologisches Institut, Eurasien-Abteilung; CNRS, UMR 8215) - d'Ippolito, Luana (Ismeo; University of Trieste)
- 9:30 POTTER'S MARKS, THE STORY BEHIND THEM  
Ebrahimiabareghi, Setareh (University of Bern; Archaeoconcept)
- 9:45 THE ACHAEMENID "MIRAGE" IN GANDHĀRA: A STUDY OF THE 5TH-4TH CENTURIES BCE POTTERY FROM BARIKOT (SWAT, PAKISTAN)  
Iori, Elisa (Max-Weber-Kolleg, University of Erfurt)

- 10:00 PARADIGMS OF CHANGE AND CONTINUE IN SASANIAN AND EARLY ISLAMIC VESSEL SHAPES AND DECORATIONS  
Ziaii-Bigdeli, Layah O
- 10:15 DISCUSSION SLOT
- 11:00 COARSE WARES FROM THE SURKHAN DARYA VALLEY (SOUTH UZBEKISTAN). CONTINUITY AND CHANGE BETWEEN THE KUSHAN AND THE ISLAMIC PERIOD  
Bestetti, Maura - Martínez Ferreras, Verónica - Gurt Esparraguera, Josep Maria (ERAAUB - Universitat de Barcelona) - Ariño Gil, Enrique (Department of Prehistory, Ancient History and Archaeology - Universidad de Salamanca)
- 11:15 COMPOSITIONAL AND TECHNOLOGICAL FEATURES OF GLAZED AND UNGLAZED WARE FROM ANCIENT TERMEZ IN SOUTH UZBEKISTAN (9TH - 14TH CENTURIES AD)  
Martínez Ferreras, Verónica (ERAAUB, IAUB, Department of History and Archaeology, Faculty of Geography and History, University of Barcelona) - Gurt Esparraguera, Josep M. (ERAAUB, IAUB, Department of History and Archaeology, Faculty of Geography and History, University of Barcelona) - Ariño Gil, Enrique (Department of Prehistory, Ancient History and Archaeology, Faculty of Geography and History, Universidad de Salamanca) - Georgieva Mihova, Iva (Faculty of Geography and History, University of Barcelona)
- 11:30 GLAZE AND PIGMENT RECIPES IN ISLAMIC CERAMICS FROM TERMEZ (C. 9TH-14TH CENTURIES AD). TRADITIONAL TECHNOLOGIES OR NEW COLOUR EXPERIMENTS?  
Panagopoulou, Adamantia (Demokritos) - Martínez Ferreras, Verónica (ERAAUB, Department of History and Archaeology, Faculty of Geography and History, Universitat de Barcelona) - Gurt Esparraguera, Josep M. (ERAAUB, Department of History and Archaeology, Faculty of Geography and History, Universitat de Barcelona) - Pidaev, Shakir R. (Institute of Fine Arts, Academy of Sciences of Uzbekistan)
- 11:45 RECONSTRUCTING GLAZED CERAMIC CONSUMPTION PATTERNS AND TECHNOLOGICAL TRADITIONS FROM SAMANID AND KARAKHANID PERIOD TRANSOXIANA  
Klesner, Catherine (University of Cambridge) - Parshuto, Vikentiy (Institute for the Study of the Ancient World, New York University) - Mizaakhmedov, Sirojiddin (Samarkand Archaeological Institute, Cultural Heritage Agency of the Republic of Uzbekistan) - Torgoev, Asan (State Hermitage) - Stark, Sören (Institute for the Study of the Ancient World, New York University)

- 12:00 GLOBALIZED CERAMICS IN MEDIEVAL CENTRAL ASIA: LESSONS FROM A SMALL TOWN (DANDANAKAN)  
Rugiadi, Martina (The Metropolitan Museum of Art) - Wordsworth, Paul (University College London)
- 12:15 THE LIFE AND AFTERLIFE OF THE ADÈS COLLECTION OF MEDIEVAL PERSIAN CERAMICS  
Ting, Carmen (University of Cambridge)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT

### 699 TRACING OVICAPRINE LIVES: BIOARCHAEOLOGICAL PERSPECTIVES ON SHEEP AND GOAT HUSBANDRY

- Room:** 58=CU033-FL4-Aula 7  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Viñas Caron, Laura (Centre for Textile Research, University of Copenhagen; Globe Institute, University of Copenhagen) - Jæger, Jonas (Centre for Textile Research, University of Copenhagen; Globe Institute, University of Copenhagen) - Daly, Kevin (Trinity College Dublin) - Le Meillour, Louise (Globe Institute, University of Copenhagen)

#### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 THE ARCHAEOGENOMIC HISTORY OF SHEEP HUSBANDRY IN THE BALTIC SEA REGION  
Günther, Torsten - Larsson, Martin (Uppsala University) - Morell Miranda, Pedro (Uppsala University) - Kaptan, Damla (METU, Ankara) - Kivikero, Hanna (University of Helsinki) - Kantanen, Juha (Natural Resources Institute Finland) - Somel, Mehmet (METU, Ankara) - Özer, Füsün (Hacettepe University) - Johansson, Anna (Swedish University of Agricultural Sciences, Uppsala) - Storå, Jan (Stockholm University)
- 9:00 NO KIDDING! THE USE OF SHEEP HIDES AT THE ROMAN FORT OF VINDOLANDA, UK  
Greene, Elizabeth (University of Western Ontario) - Fremondeau, Delphine - Stevens, Rhiannon (University College London) - Birley,

Barbara (The Vindolanda Trust, UK) - Taylor, Gillian (Teesside University)

- 9:15 DENTAL MICROWEAR IN THE HISTORIC ENGLAND 'SHEEP PROJECT' COLLECTION: A PILOT STUDY  
Mainland, Ingrid (University of the Highlands and Islands) - Worley, Fay (Historic England) - Baker, Polydora (Historic England)
- 9:30 ALL'S WOOL THAT ENDS WOOL. TRACING SHEEP AND GOAT LIVES IN NEOLITHIC IBERIAN PENINSULA THROUGH ARCHAEOZOOLOGY AND ADNA  
Alcàntara Fors, Roger (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Daly, Kevin (School of Agriculture and Food Science, University College Dublin) - Halpin, Aine (Trinity College Dublin) - Bradley, Dan (Trinity College Dublin) - Saña Seguí, Maria (Departament de Prehistòria, Universitat Autònoma de Barcelona)
- 9:45 ANCIENT GENOMES REVEAL 7000 YEARS OF INTERCONNECTED DEMOGRAPHIC HISTORY BETWEEN SHEEP AND HUMANS IN IBERIA.  
Morell Miranda, Pedro (Human Evolution Program, Organismal Biology Institute, Uppsala University; Population Genomics Working Group, Veterinary Science Department, Ludwig Maximilian University, Germany) - Galindo Pellicena, M. Ángeles (Centro Mixto UCM-ISCIll de Evolución y Comportamiento Humanos) - Iriarte, Eneko (Laboratorio de Evolución Humana, Universidad de Burgos) - Moreno-García, Marta (Gi Arqueobiología, Instituto de Historia, CCHS-CSIC) - Tejedor, Cristina (Department of Prehistory and Archaeology, University of Valladolid, Valladolid, Spain) - Rojo-Guerra, Manuel (Department of Prehistory and Archaeology, University of Valladolid, Valladolid, Spain) - Smith, Colin (Laboratorio de Evolución Humana, Universidad de Burgos; Archaeology and History Department, La Trobe University) - Carretero, José-Miguel (Laboratorio de Evolución Humana, Universidad de Burgos) - Valdiosera, Cristina (Laboratorio de Evolución Humana, Universidad de Burgos; Archaeology and History Department, La Trobe University) - Günther, Torsten (Human Evolution Program, Organismal Biology Institute, Uppsala University)
- 10:00 SHEEP VS GOAT: DIFFERENTIAL EVOLUTIONARY PATHWAYS IN THE NORTHWESTERN MEDITERRANEAN BASIN OVER THE LAST 8000 YEARS REVEALED THROUGH GEOMETRIC MORPHOMETRICS  
Jeanjean, Marine - Evin, Allowen (Institut des Sciences de l'Évolution de Montpellier - ISEM)
- 10:15 DISCUSSION SLOT



- 11:00 **UNRAVELING THE GENETIC THREADS OF ANCIENT EURASIAN SHEEP THROUGH SPACE AND TIME**  
Halpin, Áine (Trinity College Dublin) - Daly, Kevin (University College Dublin; Trinity College Dublin) - Mattiangeli, Valeria - Bradley, Daniel (Trinity College Dublin)
- 11:15 **RE-EVALUATING SHEEP AND GOAT DIFFERENTIATION THROUGH MORPHOLOGICAL AND PEPTIDE ANALYSES: A CASE STUDY FROM MEDIEVAL AZERBAIJAN**  
Larson, Kara (Department of Anthropology, University of Michigan; Museum of Anthropological Archaeology, University of Michigan) - Haruda, Ashleigh (School of Archaeology, University of Oxford) - Garner, Daniel (Department of Anthropology, University of Michigan; Museum of Anthropological Archaeology, University of Michigan) - Cooper, Zaria (Department of Anthropology, University of Michigan) - Wordsworth, Paul (Institute of Archaeology, University College London) - Ventresca-Miller, Alicia (Department of Anthropology, University of Michigan; Museum of Anthropological Archaeology, University of Michigan; Department of Archaeology, Max Planck Institute for Geoanthropology)
- 11:30 **SHEEP AND GOAT MANAGEMENT STRATEGIES IN ANCIENT SOGDIANA THROUGH ISOTOPE AND PROTEOMICS ANALYSES**  
Armaroli, Elena (Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Lugli, Federico (Institut für Geowissenschaften, Goethe-Universität Frankfurt am Main) - Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia) - Serrone, Eleonora (Department of History and Cultures, University of Bologna) - Cipriani, Anna (Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia; Lamont-Doherty Earth Observatory, Columbia University (Usa)) - Vonhof, Hubert (Department of Climate Geochemistry, Max Planck Institute for Chemistry in Mainz) - Suyonov, Samaretdin (Samarkand Institute of Archaeology, Uzbek Ministry of Culture and Tourism) - Berdimuradov, Amriddin (Samarkand Institute of Archaeology, Uzbek Ministry of Culture and Tourism) - Mantellini, Simone (Department of History and Cultures, University of Bologna)
- 11:45 **DISCUSSION SLOT**
- 12:00 **MIXED HERDS, MIXED FEED: A MULTIMETHOD APPROACH TO CAPRINES AND DIETS AT TEPE YAHYA, SE IRAN**  
Seabrook, Melina (Harvard University)

- 12:15 **ANIMAL MOBILITY AND THE EMERGENCE OF ANIMAL HUSBANDRY IN THE SOUTHERN LEVANT: MULTI-STABLE ISOTOPIC ANALYSES OF PRE-POTTERY NEOLITHIC CAPRINES**  
Makarewicz, Cheryl (University of Kiel; University of Haifa)
- 12:30 **BUILDING -OVICAPRINE- BRIDGES: COMBINED PALAEOGENOMIC AND PALAEOPROTEOMIC ANALYSIS FOR THE STUDY OF CAPRINAE EARLY DOMESTICATION**  
Le Meillour, Louise (Section for Molecular Ecology and Evolution - Globe Institute - University of Copenhagen) - l'Hôte, Louis (Smurfit Institute of Genetics - Trinity College Dublin) - Bangsgaard, Pernille (Section for Geogenetics - Globe Institute - University of Copenhagen) - Yeomans, Lisa (Centre for the Study of Early Agricultural Societies - Department of Cross-Cultural and Regional Studies - University of Copenhagen) - Zeder, Melinda (Department of Anthropology - National Museum of Natural History - Smithsonian Institution) - Richter, Tobias (Centre for the Study of Early Agricultural Societies - Department of Cross-Cultural and Regional Studies - University of Copenhagen) - Darabi, Hojjat (Razi University) - Welker, Frido (Section for Molecular Ecology and Evolution - Globe Institute - University of Copenhagen) - Daly, Kevin (School of Agriculture and Food Science - University College Dublin)
- 12:45 **DISCUSSION SLOT**
- 14:00 **SHEEP OR GOATS? CAPRINE MANAGEMENT IN THE CENTRAL SAHARA IN THE MIDDLE-LATE HOLOCENE (8300-3400 CAL BP)**  
Di Matteo, Martina (Department of Ancient World Studies, Sapienza University of Rome) - McGrath, Krista (Department of Prehistory and Institute of Environmental Science and Technology ICTA-UAB, Universitat Autònoma de Barcelona) - Soncin, Silvia (Marea, Department of Environmental Biology, Sapienza University of Rome) - di Lernia, Savino (Department of Ancient World Studies, Sapienza University of Rome; GAES, University of Witwatersrand)
- 14:15 **UNRAVELING PASTORALIST HUSBANDRY: INSIGHTS FROM DENTAL ANALYSES AT THE KASTEELBERG SITE, SOUTH AFRICA**  
Hutten, Louisa - Stynder, Deano (University of Cape Town)
- 14:30 **PASTORALISM AND PALAEOPROTEOMICS: INSIGHTS FROM DIEPKLOOF ROCK SHELTER, WESTERN CAPE, SOUTH AFRICA**  
Nyambiya, Humphrey (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Hansen, Jakob (Globe Institute, University of Copenhagen) -

Hutten, Louisa - Parkington, John (Department of Archaeology, University of Cape Town) - Welker, Frido (Globe Institute, University of Copenhagen) - Rhodes, Sara (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Val, Aurore (Interdisciplinary Centre for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve; CNRS, UMR 7269 Lampea, Aix-Marseille Université; School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand) - Meillour, Louise Le (Globe Institute, University of Copenhagen)

14:45 **COMPLEX INTERCONNECTIONS BETWEEN CLOTH PRODUCTION AND THE ANIMAL WORLD: NEW PROTEOMIC INSIGHTS FROM ANCIENT SUDAN AND NUBIA**

Viñas Caron, Laura (University of Copenhagen)

15:00 **ANCIENT NUBIAN FURSKINS - TRACING OVICAPRINE BREED DIFFERENCES BY INVESTIGATING HAIR MORPHOLOGY**

Skinner, Lucy-Anne (University of Copenhagen)

15:15 DISCUSSION SLOT

15:30 DISCUSSION SLOT

15:45 DISCUSSION SLOT

SATURDAY

31 August

**704 BIOARCHAEOLOGY OF ANCIENT PATHOGENS**

**Room:** 16=CU003-FL3-Chabod

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Pochon, Zoé (Department of Archaeology and Classical Studies, Stockholm University; Centre for Palaeogenetics) - l'Hôte, Louis (Smurfit Institute of Genetics, Trinity College Dublin) - Barbieri, Rémi (Institute of Genomics, University of Tartu) - Wilkin, Shevan (Institute of Evolutionary Medicine, University of Zurich) - Majander, Kerttu (Integrative Prehistory and Archeological Science IPAS, University of Basel)

**ABSTRACTS**

14:00 **BIOMOLECULAR INSIGHTS INTO THE SECOND PLAGUE PANDEMIC FROM THE LAZZARETTO VECCHIO OF VENICE**

Gaul, Emily (Institute for Archaeological Sciences, Department of Geosciences, Eberhard Karls University of Tübingen) - Krettek, Kim-Louise (Archaeo- and Palaeogenetics Group, Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen) - Reiter, Ella (Institute for Archaeological Sciences, Department of Geosciences, Eberhard Karls University of Tübingen) - Vazzana, Antonino (Dipartimento di Beni Culturali, Università di Bologna) - Figus, Carla (Dipartimento di Beni Culturali, Università di Bologna) - Benazzi, Stefano (Dipartimento di Beni Culturali, Università di Bologna) - Posth, Cosimo (Institute for Archaeological Sciences, Department of Geosciences, Eberhard Karls University of Tübingen; Archaeo- and Palaeogenetics Group, Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen) - Spyrou, Maria (Institute for Archaeological Sciences, Department of Geosciences, Eberhard Karls University of Tübingen)

14:15 **BLACK DEATH IN SÁPMI? THE IMPACT OF THE SECOND YERSINIA PESTIS PLAGUE PANDEMIC ON THE SAAMI POPULATION IN NORTHERN FENNOSCANDIA**

Spangen, Marte (Museum of Cultural History, University of Oslo) - Jørgensen, Erlend (Norwegian Institute of Cultural Heritage Research)

SATURDAY

31 August

- 14:30 **REFINING THE CHRONOLOGY OF THE SECOND PLAGUE PANDEMIC THROUGH PHYLOGENETICALLY INFORMED RADIOCARBON MODELLING**  
Keller, Marcel (Estonian Biocentre, Institute of Genomics, University of Tartu; Integrative Prehistory and Archaeological Sciences, Department of Environmental Sciences University of Basel; Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Guellil, Meriam (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Evolutionary Anthropology, University of Vienna) - Slavin, Philip (Division of History, Heritage and Politics, University of Stirling) - Valk, Heiki (Institute of History and Archaeology, University of Tartu) - Robb, John (Department of Archaeology, University of Cambridge) - Reitmaier, Thomas (Archaeological Service of the Canton of Grisons, Chur, Switzerland) - Baetsen, Willem (RAAP Archeologisch Adviesbureau B.V.; School of Archaeology and Ancient History, University of Leicester) - Szidat, Sönke (Department of Chemistry, Biochemistry and Pharmaceutical Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Tambets, Kristiina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Scheib, Christiana (Estonian Biocentre, Institute of Genomics, University of Tartu; St John'S College, University of Cambridge)
- 14:45 **DISCUSSION SLOT**
- 15:00 **COEVOLUTION OF PATHOGENIC YERSINIA IN DOMESTICATED SPECIES**  
Hearne, Katherine (University of Oxford)
- 15:15 **RETZIUS COLLECTION: ABORIGINAL CRANIA FROM PUERTO RICO IN STOCKHOLM.**  
Llorens-Liboy, Myriam (Independent Researcher) - Nuñez-Garcés, Milton (Professor Emeritus Oulu University)
- 15:30 **NON-INVASIVE ANALYSES OF INCA MUMMIES REVEAL UNDOCUMENTED GENETIC AND PATHOGENIC VARIATION**  
Gelabert, Pere (Vienna Human Evolution and Archaeological Sciences - HEAS) - Hämmerle, Michelle - Guellil, Meriam (Vienna Human Evolution and Archaeological Sciences - HEAS) - Socha, Dagmara (Centre for Andean Studies, University of Warsaw) - Sawyer, Susanna - Cheronet, Olivia (Vienna Human Evolution and Archaeological Sciences - HEAS) - Bernaski, Mario - Recagno, Gabriela (Museo de Arqueología de Alta Montaña MAAM) - Kuhlwilm, Martin - Pinhasi, Ron (Vienna Human Evolution and Archaeological Sciences - HEAS)
- 15:45 **DISCUSSION SLOT**

- 16:30 **TRACKING ANCIENT ZONOSIS AND LIVESTOCK PATHOGENS ACROSS THE DOMESTICATION PROCESS**  
l'Hote, Louis (Trinity College Dublin) - Makarewicz, Cheryl (Institute of Pre- and Protohistoric Archaeology-Christian Albrechts University, Kiel) - Gourichon, Lionel (CNRS,CEPAM (UMR 7264) - Université Nice Côte d'Azur) - Daly, Kevin (School of Agriculture and Food Science - University College Dublin)
- 16:45 **REDEFINING THE TREPONEMAL HISTORY THROUGH PRE-COLUMBIAN GENOMES FROM BRAZIL**  
Majander, Kerttu - Pla-Díaz, Marta (Integrative Prehistory and Archeological Science IPAS, University of Basel) - du Plessis, Louis (Department of Biosystems Science and Engineering, ETH Zürich, Basel, Switzerland; Swiss Institute of Bioinformatics) - Arora, Natasha (Zurich Institute of Forensic Medicine, University of Zurich) - Filippini, Jose (Institute of Biosciences, University of São Paulo) - Pezo Lanfranco, Luis (Institute of Biosciences, University of São Paulo, Institute of Environmental Science and Technology ICTA, Universitat Autònoma de Barcelona) - Eggers, Sabine (Department of Anthropology, Natural History Museum Vienna) - González-Candelas, Fernando (Unidad Mixta Infección y Salud Pública Fisabio/Universidad de Valencia-I2Sysbio; Ciber in Epidemiology and Public Health, Instituto de Salud Carlos III) - Schuenemann, Verena (Integrative Prehistory and Archeological Science IPAS, University of Basel)
- 17:00 **DISCUSSION SLOT**
- 17:15 **GENETIC ASPECTS OF ANCIENT PATHOGENS IN SOUTH KOREA**  
Hong, Jong Ha (Institute of Korean Archaeology and Ancient History, Kyung Hee University) - Shin, Dong Hoon (Department of Anatomy and Cell Biology, Seoul National University College of Medicine)
- 17:30 **INSIGHTS INTO THE ORIGIN OF LEPROSY BY ANALYZING ANCIENT MYCOBACTERIUM LEPRAE GENOMES FROM ANATOLIA**  
Sevkar, Arda (Human-G Laboratory, Department of Anthropology, Hacettepe University) - Altinişik, Nefize (Human-G Laboratory, Department of Anthropology, Hacettepe University) - Uysal, Gülfem (Department of Anthropology, Hacettepe University) - Götherström, Anders (Department of Archaeology and Classical Studies, Stockholm University; Centre for Palaeogenetics) - Somel, Mehmet (Department of Biological Sciences, Middle East Technical University) - Erdal, Yilmaz (Human-G Laboratory, Department of Anthropology, Hacettepe University; Husbio-L Laboratory, Department of Anthropology, Hac-

ettepe University) - Özer, Füsün (Human-G Laboratory, Department of Anthropology, Hacettepe University)

- 17:45 **INFECTIOUS DISEASES IN THE MEDIEVAL NECROPOLIS OF LAS GOBAS, IBERIA**  
Pochon, Zoé - Rodríguez-Varela, Ricardo - Yaka, Reyhan (Centre for Palaeogenetics; Department of Archaeology and Classical Studies, Stockholm University) - Sanchez-Pinto, Iban - Luis Solaun, José (Departamento de Geografía, Prehistoria y Arqueología, University of the Basque Country, UPV/EHU; GPAC, C. I. Micaela Portilla, University of the Basque Country, UPV/EHU) - Lagerholm, Vendela - Krzewinska, Maja (Centre for Palaeogenetics; Department of Archaeology and Classical Studies, Stockholm University) - Herrasti, Lourdes (Departamento de Antropología, Sociedad de Ciencias Aranzadi) - Azkarate, Agustín (Departamento de Geografía, Prehistoria y Arqueología, University of the Basque Country, UPV/EHU; GPAC, C. I. Micaela Portilla, University of the Basque Country, UPV/EHU) - Götherström, Anders (Centre for Palaeogenetics; Department of Archaeology and Classical Studies, Stockholm University)

18:00 DISCUSSION SLOT

## 710 AROUND THE BLACK SEA: RESILIENCE AND MOBILITY IN PREHISTORY

**Room:** 103=CNR01-FL1-Marconi

**Time:** 14:00 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Andriiovych, Marta (University of Oxford, School of Archaeology) - Bogaard, Amy (University of Oxford, School of Archaeology) - Manko, Valery (Institute of Archaeology of Ukrainian National Academy of Sciences)

### ABSTRACTS

- 14:00 **INTRODUCTION TO THE PREHISTORY OF THE BLACK SEA - THE PREHISTORIC REGION OR NOT? (WITH A SPECIAL FOCUS ON NEOLITHIZATION)**  
Andriiovych, Marta (School of Archaeology, University of Oxford)
- 14:15 **EARLY UPPER PALEOLITHIC GENOMES OF CRIMEA SHOW MIGRATION AND ADMIXTURE DYNAMICS OF THE FIRST MODERN EUROPEAN ANCESTRIES**  
Geigl, Eva-Maria - Grange, Thierry (Université Paris-Cité, CNRS, Institut Jacques Monod)

14:30 **TYPES OF MIGRATORY ACTIVITY IN PRE-NEOLITHIC TIMES**  
Valery, Manko (Institute of Archaeology of NAS of Ukraine)

14:45 **MESO-NEOLITHIC TRANSITION OF THE NORTHERN PONTIC REGION: OLD HYPOTHESES VS NEW DATA INTERPRETATIONS**  
Demchenko, Olha (University of Salamanca)

15:00 **CAUGHT BETWEEN EVENTS (8.2KA AND 5.9KA): HUMAN RESILIENCE AND MOBILITY IN THE EASTERN BLACK SEA AREA BETWEEN 7000-4000 CAL. BCE**  
Lazar, Catalin Alexandru (Archaeosciences Platform, ICUB, University of Bucharest) - Vespremeanu-Stroe, Alfred (Faculty of Geography / ICUB, University of Bucharest) - García-Vázquez, Ana (Archaeosciences Platform, ICUB, University of Bucharest) - Popescu, Gabriel (Archaeosciences Platform, ICUB, University of Bucharest) - Tafani, Aurélien (Archaeosciences Platform, ICUB, University of Bucharest; University of South Florida) - Covătaru, Cristina (Archaeosciences Platform, ICUB, University of Bucharest)

15:15 **PREHISTORIC MIGRATIONS IN THE NORTH PONTIC REGION IN THE LIGHT OF INTERDISCIPLINARY STUDIES**  
Potekhina, Inna (Institute of Archaeology NAS Ukraine)

15:30 **EASTERNMOST PAINTED POTTERY AT THE CUCUTENI A-TRYPILLIA B1 STAGE: POPULATION DYNAMICS AND INNOVATIONS IN THE SOUTHERN BUH AREA**  
Lobanova, Mariia (Odesa Archaeological Museum of the National Academy of Science of Ukraine)

15:45 DISCUSSION SLOT

## 727 THE ROMAN ECONOMIC MOSAIC: EXPLORING THE COMPLEXITY OF ECONOMIC DYNAMICS DURING THE ROMAN EMPIRE

**Room:** 27=CU002-FL1-Aula VII

**Time:** 8:30 - 16:00

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Zerzeropulos, Katharina (Roots Cluster of Excellence; Christian-Albrechts-Universität Zu Kiel) - Coto Sarmiento, María (Centre for Urban Network Evolutions (Urbnet; Aarhus University)

### ABSTRACTS

8:30 INTRODUCTION

- 8:45 **AN INTEGRATED MODEL FOR THE ECONOMY OF THE EARLY ROMAN EMPIRE**  
Zerzeropulos, Katharina (Institut Fuer Ur- und Fruehgeschichte Kiel; Roots Cluster of Excellence)
- 9:00 **THE ECONOMIC DYNAMICS AND CONNECTIVITY OF LATE ROMAN THRACE**  
Watson, Claire (University of Chicago)
- 9:15 **RETHINKING ROMAN MINING DOMAIN BORDERS: INNOVATIVE INSIGHTS (CASE STUDY ON THE NORTH PART OF METALLA DARDANICA IN UPPER MOESIA)**  
Maric, Marija (University of Novi Sad, Department of History, Faculty of Philosophy)
- 9:30 **THE IMPACT OF ROMAN IMPERIAL ECONOMY ON LOCAL HISPANIC ECONOMIES: A COMPARATIVE APPROACH**  
Sastre, Inés - Orejas Saco del Valle, Almudena - Currás Refojos, Brais (CSIC)
- 9:45 **BETWEEN THE ATLANTIC AND THE MEDITERRANEAN: THE ARCHAEOLOGICAL SITE OF TORRINHA**  
Azevedo, António (Coimbra University)
- 10:00 **SUPPLY DYNAMICS IN THE CHANGING LATE ANTIQUE ECONOMY: STORAGE TOPOGRAPHY AND NETWORK OF THE ROME-SYSTEM**  
Pizzi, Marina (University of Regensburg)
- 10:15 **DISCUSSION SLOT**
- 11:00 **ANALYZING POST-GETAE OLBIA'S ECONOMIC RELATIONS THROUGH BONE AND IVORY ARTIFACTS**  
Semenova, Alisa (Institute of Archaeology National Academy of Science of Ukraine)
- 11:15 **A THOROUGH INVESTIGATION OF A ROMAN INKWELL FROM THE ROMAN TOWN OF CONIMBRIGA, PORTUGAL**  
Oliveira, César (Hercules Laboratory & In2Past, University of Évora) - Bottaini, Carlo (Hercules Laboratory & In2Past, University of Évora; Queen's University Belfast, School of Natural and Built Environment) - Candeias, António (Hercules Laboratory & In2Past, University of Évora) - Pereira, António (Hercules Laboratory & In2Past, University of Évora) - Miguel, Catarina (Hercules Laboratory & In2Past, University of Évora) - Cardoso, Ana Margarida (Hercules Laboratory & In2Past, University of Évora) - Perpétuo, João (Arqueohoje, Viseu, Portugal) - Correia, Virgílio (Conimbriga National Museum, Condeixa-A-Velha, Portugal) - Dias, Vítor (Conimbriga National Museum, Condeixa-A-Velha, Portugal)

- 11:30 **DISCUSSION SLOT**
- 11:45 **MARKET COMPETITION IN WAR TIMES? THE IMPACT OF OLIVE-OIL PRODUCTION ON THE ROMAN ECONOMY**  
Coto-Sarmiento, Maria (Centre for Urban Network Evolutions (Urb-net, Aarhus University) - Brughmans, Tom (Centre for Urban Network Evolutions (Urbnet, Aarhus University)
- 12:00 **SOLDIERS' MARKET. RETAIL TRADE IN MILITARY CAMPS ON THE PANNONIAN LIMES**  
Dumitrache, Iulia (Accademia di Romania, Roma; Alexandru Ioan Cuza University of Iasi)
- 12:15 **WEAVING RESILIENCE: ECONOMIC DYNAMICS OF RURAL COMMUNITIES IN THE ROMAN WEST**  
Moreno-Navarro, Fernando (Università degli Studi Roma Tre)
- 12:30 **CENTRALITY, PUBLIC SPACES, AND THE ROMAN PROVINCIAL ECONOMY: A NETWORK-BASED INVESTIGATION OF THE NORTH WESTERN PROVINCES**  
Vadineanu, Paul (Universität Zu Köln) - Paliou, Eleftheria (Universität Zu Köln)
- 12:45 **DISCUSSION SLOT**
- 14:00 **MARMORISATION OUTSIDE ROME: ON THE INTERACTIONS OF LATE REPUBLICAN MARBLE IMPORTS ON ARCHITECTURE, ECONOMY AND PERCEPTION**  
Beck, Dennis (University of Bonn)
- 14:15 **FOUR SMALL-QUARRY STONES FROM EGYPT'S EASTERN DESERT AND THEIR DEPLOYMENT IN THE VESUVIAN CITIES**  
Barker, Simon (Ghent University)
- 14:30 **THE MARBLE URN FROM THE GERMANIC CEMETERY IN OČKOV**  
Kalapáčová, Anna (The Institute of Archaeology of the Slovak Academy of Sciences)
- 14:45 **DISCUSSION SLOT**
- 15:00 **DISCUSSION SLOT**

## 729 RECENT ADVANCES IN DOCUMENTING THE ARCHAEOLOGY OF CAVES AND THEIR ENVIRONMENTS

**Room:** 70=CU028-FL1-Aula 3

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Machause López, Sonia (Universitat de València) - Trimmis, Konstantinos (King's College London) - Skeates, Robin (Durham University) - Diez Castillo, Agustín (Universitat de València)

### ABSTRACTS

14:00 INTRODUCTION

14:15 CONVERSATIONS WITH CAVES: ELUCIDATING THE ROLE OF THE VISUAL BRAIN IN THE EMERGENCE AND EARLY DEVELOPMENT OF PALAEOLITHIC 'CAVE ART'  
Wisher, Izzy (Aarhus University) - Pettitt, Paul (Durham University)

14:30 TOUCHING THE DARK: EXPLORING PALAEOLITHIC EMBODIED CAVE MARKINGS IN CROSS-CULTURAL CONTEXT  
Oosterwijk, Barbara (University of Exeter)

14:45 "DEEP IN CAVES": SENSORIAL ANALYSIS OF IBERIAN RITUAL CAVES (5TH-3RD CENTURIES BC)  
Skeates, Robin (Durham University) - Machause López, Sonia (Department of Prehistory, Archaeology and Ancient History, University of Valencia) - Trimmis, Konstantinos (Centre for Hellenic Studies, Department of Classics, King's College) - Diez Castillo, Agustín (Department of Prehistory, Archaeology and Ancient History, University of Valencia) - Negueruela Villanueva, Daniel (Department of Prehistory, Archaeology and Ancient History, University of Valencia)

15:00 "STALAC-RITE": GEOCHEMICAL ANALYSIS OF STALACTITES IN RITUAL CONTEXTS  
Machause López, Sonia (Departament de Prehistòria, Arqueologia i Historia Antiga, Universitat de València) - Gallelo, Gianni (Departament de Prehistòria, Arqueologia i Historia Antiga, Universitat de València) - Albelda Borrás, Vanessa (Independent Researcher) - Trimmis, Konstantinos (Centre for Hellenic Studies (King's College of London) - Skeates, Robin (Department of Archaeology (Durham University) - Diez Castillo, Agustín (Departament de Prehistòria, Arqueologia i Historia Antiga, Universitat de València)

15:15 GEOMATIC PERSPECTIVES ON UPPER PALAEOLITHIC HAND STENCILS: INSIGHTS FROM EL CASTILLO CAVE  
Spaey, Olga (Iker (CNRS - UMR 5478; UBM; UC) - Arriolabengoa, Martin- UPV/EHU - Intxaurbe, Iñaki- UPV/EHU - Salazar, Sergio (IIIPC; UC) - Irurtzun, Aritz (Iker (CNRS - UMR 5478) - Garate, Diego (IIIPC; UC)

15:30 ARCHAEOLOGICAL AND SPELEOLOGICAL DYNAMICS OF A DEVELOPED KARST SYSTEM AND SUBTERRANEAN RITUALS IN THE EARLY 5TH MILLENNIUM BCE SOUTHERN LEVANT  
Ullman, Micka (Department of Cross-Cultural and Regional Studies, University of Copenhagen) - Davidovich, Uri (Institute of Archaeology, the Hebrew University)

15:45 DISCUSSION SLOT

16:30 MAPPING IN THE DARK. AN EVALUATION OF DIFFERENT SURVEY METHODS IN ARCHAEOLOGICAL CAVES FROM LASTOVO ISLAND, CROATIA  
Trimmis, Konstantinos (Universidad de Valencia) - Drnić, Ivan (Archaeological Museum in Zagreb) - Brkić Drnić, Kristina (University of Zadar) - Đukić, Ana (Archaeological Museum in Zagreb)

16:45 THE UNDERLANDSCAPE PROJECT: AN INTERDISCIPLINARY AND SHARED STUDY OF THE UNDERGROUND ENVIRONMENTS  
Baldassarri, Monica (Università degli Studi di Milano; CNR Iccom di Pisa; Sistema Museale di Montopoli in Val d'Arno) - Alberti, Antonio (Università di Pisa) - Bertacchi, Andrea (Università di Pisa) - Chiti, Letizia (Università di Pisa) - Deri, Maria Grazia (Università di Pisa) - Fiorentino, Girolamo (Università del Salento) - Serradimigni, Marco (Università di Pisa) - Salvatori, Enrica (Università di Pisa) - Senesi, Giorgio (CNR IISTP di Bari) - Palleschi, Vincenzo (CNR Iccom di Pisa)

17:00 DIGITAL SURVEY FOR DOCUMENTATION AND VIRTUALIZATION OF ROCK PASTORAL SITES IN ASPROMONTE NATIONAL PARK  
Pizzonia, Lorella - Stilo, Francesco (Mediterranean University of Reggio Calabria)

17:15 THE WRITINGS ON THE WALL! THE MODERN GRAFFITI OF RAČA CAVE IN LASTOVO ISLAND CROATIA.  
Theodoroudi, Eleftheria (Basketball Museum Ymca Thessaloniki)

17:30 DISCUSSION SLOT

## 732 WETLAND ARCHAEOLOGY: ADVANCES IN PRACTICE AND POLICY IN THE 21ST CENTURY

**Room:** 1=CU003-EXT-CISADU

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Stratigos, Michael (University of Aberdeen) - Mcleester, Madeleine (Dartmouth College) - Schepers, Mans (University of Groningen)

### ABSTRACTS

- 8:30 THE DEATH OF PRESERVATION IN SITU FOR WETLAND ARCHAEOLOGY?  
Gearey, Benjamin (Dept Archaeology Ucc)
- 8:45 NATURE RESTORATION: A GIFT TO NATURE - A THREAT TO THE ARCHAEOLOGICAL HERITAGE AN EXAMPLE FROM LOLLAND, DENMARK  
Måge, Bjørnar (Museum Lolland-Falster) - Groß, Daniel (Museum Lolland Falster) - Koivisto, Satu (Museum Lolland Falster) - Mortensen, Morten (National Museum of Denmark)
- 9:00 ALKEN ENGE - TO PRESERVE THE REMAINS OF A 2000 YEAR OLD ARMY  
Hertz, Ejvind (Museum Skanderborg) - Simmelsgaard Platz, Marie Louise (Danish Nature Agency; Danish Nature Agency) - Brok-Brandi, Hans (Skanderborg Municipality)
- 9:15 DISCUSSION SLOT
- 9:30 A COMPARATIVE APPROACH TO WETLAND ARCHAEOLOGY: CASE STUDIES FROM NORTHWESTERN OHIO AND SOUTHERN CARPATHIAN BASIN  
Bossio, Laura (University of Michigan Museum of Anthropological Archaeology) - Tomažič, Iride (University of Michigan Museum of Anthropological Archaeology)
- 9:45 DETECTING WILD RICE IN ANCIENT LAKE SEDIMENTS, ARCHAEOLOGICAL SITES AND FOOD RESIDUES ACROSS THE UPPER GREAT LAKES OF NORTH AMERICA  
Kooiman, Susan (Southern Illinois University Edwardsville) - Boyd, Matthew (Lakehead University) - Dunham, Sean (United States Forest Service)
- 10:00 THE CRITICAL ROLE OF WETLANDS IN ANCESTRAL NATIVE AMERICAN AGRICULTURE IN THE NORTHERN GREAT LAKES, USA  
Mcleester, Madeleine - Casana, Jesse - Alperstein, Jonathan - Tang, Yiyi (Dartmouth College)

- 10:15 DISCUSSION SLOT
- 11:00 UNDERREPRESENTED-LANDSCAPES: METHODS AND ANALYSIS OF HUMAN PAST AFFECTION OF WETLANDS. THE SALTWORKS PRODUCTION DURING THE ROMAN TIME IN CADIZ.  
Aragón, Enrique (Universidad de Almería) - Rondán Sevilla, Isabel (Universidad de Cádiz) - Lagóstena Barrios, Lázaro (Universidad de Cádiz)
- 11:15 CUTTING THROUGH: ARCHAEOLOGY'S ROLE IN MAJOR INFRASTRUCTURE FOR GREEN ENERGY  
Christie, Claire (Headland Archaeology Ltd)
- 11:30 FULL POLICY, EMPTY POCKETS: FINANCING CULTURAL HERITAGE IN PEATLAND RESTORATION  
Everett, Rosie (Scotland's Rural College (SRUC Edinburgh; University College Cork)
- 11:45 THE 'RESTORER-PAYS' PRINCIPLE? WETLAND ARCHAEOLOGY AS TABOO TRADE-OFF IN NATURE-BASED SOLUTIONS  
Stratigos, Michael (University of Aberdeen) - Everett, Rosie (Scotland's Rural College) - Gearey, Benjamin (University College Cork) - Mcleester, Madeleine (Dartmouth College) - Schepers, Mans (University of Groningen)
- 12:00 DISCUSSION SLOT

## 737 COMPUTATIONAL LANDSCAPES: DEBATING FUNDAMENTAL ISSUES OF ARCHAEOLOGICAL NARRATIVES

**Room:** 61=CU022-EXT-Aula D

**Time:** 8:30 - 10:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Herrera-Malatesta, Eduardo (Centre for Urban Network Evolutions, Aarhus University) - Verhagen, Philip (Faculty of Humanities, Vrije Universiteit Amsterdam)

### ABSTRACTS

- 8:30 UNSHATTERED LANDSCAPES: A FRAMEWORK FOR DEALING WITH UNCERTAINTIES AND BIAS IN ARCHAEOLOGY  
Herrera-Malatesta, Eduardo (Urbnet, Aarhus University)

- 8:45 **GAMES OF HABITATION: UNRAVELING SETTLEMENT DYNAMICS IN SOUTHEAST ROMANIA'S CHALCOLITHIC. A MULTI-SCALE SPATIAL ANALYSIS**  
Covataru, Cristina (Archaeosciences Platform, Research Institute of the University of Bucharest)
- 9:00 **FROM NEAR-EMPTYSAPES TO HIGH DENSITY PAST: GAME-CHANGING IMPLICATIONS**  
Campana, Stefano (University of Siena)
- 9:15 **DISCUSSION SLOT**
- 9:30 **„RECONSTRUCTING REGIONAL GEOGRAPHIC VARIATIONS IN THE RATE OF THE Sub-Saharan Eia“**  
Mes, Alexes (University of Cambridge)
- 9:45 **A COMPUTATIONAL APPROACH TO THE STUDY OF CHULLPA ARCHITECTURE AND LANDSCAPE DYNAMICS**  
Gonzalez-Rodriguez, Cristian (University College London)
- 10:00 **ANCIENT PATHWAYS, THEORIES OF MOBILITY AND NETWORK ANALYSIS: REDEFINING THE NARRATIVES**  
Verhagen, Philip (Vrije Universiteit Amsterdam, Faculty of Humanities) - Groenhuijzen, Mark (Utrecht University, Department of History and Art History)
- 10:15 **DISCUSSION SLOT**

### 745 REMOTE SENSING OF THE CHANGING MEDITERRANEAN, MIDDLE EAST AND NORTH AFRICA REGION

**Room:** 16=CU003-FL3-Chabod

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Rayne, Louise (Newcastle University) - Cigna, Francesca (National Research Council) - Tapete, Deodato (Asi (Italian Space Agency))

### ABSTRACTS

- 8:30 **HUMANITARIAN MAPPING SERVICE: CULTURAL HERITAGE DURING HUMANITARIAN CRISES**  
De Gruchy, Michelle (United Nations Satellite Centre (Unosat))

- 8:45 **ASSESSMENT OF THE IMPACT OF THE RECENT STORM DANIEL ON DERNA, EAST LIBYA, USING REMOTE SENSING**  
Mahmoud, Ahmed - Buzaian, Ahmed (University of Leicester) - Al-Kawash, Abdulslam (Retired Archaeologist)
- 9:00 **THE ALCEO PROJECT: DEEP LEARNING MEETS REMOTE SENSING FOR HERITAGE PROTECTION IN THE MENA REGION**  
Chiricallo, Elena (Istituto Italiano di Tecnologia; Università Ca' Foscari) - Sech, Gregory - Salvi, Maria Cristina - Giovanelli, Riccardo - Poggi, Giulio - Traviglia, Arianna (Istituto Italiano di Tecnologia)
- 9:15 **DISCUSSION SLOT**
- 9:30 **ARCHAEOLOGICAL PROSPECTION AND CULTURAL HERITAGE MONITORING WITH SATELLITE SAR IMAGERY IN ROME**  
Tapete, Deodato (Italian Space Agency (ASI, Rome, Italy) - Cigna, Francesca (National Research Council - CNR, Institute of Atmospheric Sciences and Climate (ISAC, Rome, Italy))
- 9:45 **UTILISING HEXAGON (KH-9) DECLASSIFIED SPY SATELLITE IMAGERY TO DETECT HISTORIC WATER MANAGEMENT FEATURES IN NORTH AFRICA**  
Makovics, Jen (Newcastle University)
- 10:00 **MAPPING DESERTIFICATION IN THE MEDMENA REGION**  
Rayne, Louise (Newcastle University) - Makovics, Jen (Newcastle University) - Irvine, Hope (Newcastle University) - Assi, Lima (Newcastle University) - Hayes-Rich, Emily (University of New Mexico) - Levy, Jackson (Independent) - Bokbot, Youssef (INSAP)
- 10:15 **DISCUSSION SLOT**
- 11:00 **INVESTIGATING ANTHROPOGENIC AND CLIMATE CHANGE THREATS TO IRAQI ARCHAEOLOGICAL LANDSCAPES WITH SATELLITE IMAGERY**  
Cigna, Francesca (National Research Council - CNR, Italy) - Tapete, Deodato (Italian Space Agency (Asi, Italy) - Rayne, Louise - Makovics, Jen - Irvine, Hope (Newcastle University) - de Gruchy, Michelle (United Nations Satellite Centre UNOSAT, Switzerland) - Jotheri, Jaafar (University of Al-Qadisiyah)
- 11:15 **SPATIO-TEMPORAL CHANGES OF IRAQI WATER BODIES AND MARSHLANDS AND IMPACTS ON CULTURAL LANDSCAPES IN THE CONTEXT OF CLIMATE CHANGE.**  
Azzarone, Eleonora (Italian Space Agency (ASI, Rome, Italy); University of Rome Tor Vergata; Telespazio S.P.A, Rome, Italy) - Tapete, Deodato (Italian Space Agency ASI, Rome, Italy) - Cigna, Francesca (National Research Council - CNR, Institute of Atmospheric Sciences and Climate ISAC, Rome, Italy)



- 11:30 **HYMES – THE HYDROGRAPHY OF MESOPOTAMIA. RIVERS AND CHANNELS IN BABYLONIA FROM THE LATE 4TH TO THE 1ST MILLENNIUM BCE**  
Rutishauser, Susanne - Novák, Mirko (University of Bern) - Gautschy, Rita (Swiss National Data and Service Centre for the Humanities DASCH) - Schrakamp, Ingo (Free University of Berlin; University of Münster) - Zischg, Andreas - Aloda, Muntadher - Borkowski, Sebastian - Červík, Tadeáš - Dvorak, Sven - Zbinden, Eveline (University of Bern)
- 11:45 **UNDERTHESANDS: INVESTIGATING ANCIENT IRRIGATION LANDSCAPES IN ARID CLIMATES THROUGH REMOTE SENSING AND DEEP LEARNING METHODS**  
Bulawka, Nazarij - Orengo, Hector (Institut Català d'Arqueologia Clàssica)
- 12:00 **POST-CONFLICT LANDSCAPES IN EASTERN MEDITERRANEAN: GEOARCHAEOLOGICAL AND AUTOMATED REMOTE SENSING MAPPING OF VULNERABLE ARCHAEOLOGICAL SOILSCAPES IN THE LEBANESE BEKKA VALLEY**  
Neogi, Sayantani - Conesa, Francesc - Orengo, Hector (Institut Català d'Arqueologia Clàssica)
- 12:15 **MULTITEMPORAL AND MULTISPECTRAL SENTINEL-2 DATA FOR LANDSCAPE AND PREVENTIVE ARCHAEOLOGY IN THE LOWER VALLEY OF THE CALORE RIVER (BENEVENTO)**  
Corbo, Antonio (Sapienza University)
- 12:30 **ARCHAEOINFORMATICS: HYBRID APPROACHES AND APPLIED ARCHAEOLOGY**  
Chroni, Athina (Hellenic Ministry of Education, Religious Affairs and Sports; National Technical University of Athens)
- 12:45 **DISCUSSION SLOT**

## 787 ARTISTS AND CRAFTSMEN. MULTIDISCIPLINARY APPROACHES IN THE ANALYSIS OF THE PRODUCTION OF EARLY MEDIEVAL WALL PAINTINGS

**Room:** 8=CU003-FL1-Aula III

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Cassitti, Patrick (Foundation Pro Monastery of St. John, Müstair; Albert-Ludwigs-Universität Freiburg, Abteilung für Frühgeschichte und Archäologie des Mittelalters; Otto-Friedrich-Universität Bamberg, Lehrstuhl für Archäologie des Mittelalters und der Neuzeit) - Bordi, Giulia (Università degli Studi Roma Tre, Dipartimento di Studi Umanistici) - Cavallo, Giovanni (Scuola Universitaria Professionale Della Svizzera Italiana, Dipartimento Ambiente Costruzioni e Design)

### ABSTRACTS

14:00 **INTRODUCTION**

14:15 **MERGING PERSPECTIVES: OPPORTUNITIES AND CHALLENGES IN INTERDISCIPLINARY WALL PAINTING RESEARCH**

Cassitti, Patrick - Villa, Luca (Foundation Pro Monastery of St. John) - Cavallo, Giovanni - d'Erme, Chiara (Scuola Universitaria Professionale della Svizzera Italiana, Dipartimento Ambiente Costruzioni e Design)

14:30 **UNDERSTANDING THE CAROLINGIAN ARTIST THROUGH A NOVEL WORKFLOW INVOLVING MULTIMODAL REMOTE AND IN-SITU SPECTRAL IMAGING AND SPECTROSCOPIC TECHNIQUES**

Liggins, Florence (Nottingham Trent University) - Detalle, Vincent (Centre National de la Recherche Scientifique - CNRS, Paris, France) - Romano, Francesco (CNR, Istituto di Scienze del Patrimonio Culturale (ISPC-CNR, Catania, Italy) - Cassetti, Patrick (Foundation Pro Monastery of St. John, Müstair) - Liang, Haida (Nottingham Trent University)

14:45 **INSIDE AND THROUGH PALIMPSEST WALLS. SANTA MARIA ANTIQUA AND EARLY MEDIEVAL PAINTING IN ROME**

Bordi, Giulia (Roma Tre University) - Pogliani, Paola - Pelosi, Claudia - Lanteri, Luca - Valentini, Valeria (Tuscia University)

- 15:00 FROM ROCK ART TO MEDIEVAL CHURCHES: THE CONTRIBUTION OF DIGITAL IMAGE ENHANCEMENT SYSTEMS  
Crocì, Chiara (University of Lausanne)
- 15:15 LET'S TRY TO MAKE THE FRAGMENT SPEAK - THE WALL PAINTING CYCLE IN THE CLOISTER OF BRANDENBURG CATHEDRAL  
Schaedler-Saub, Ursula - Krause-Riemer, Sabine - Pursche, Jürgen (Hawk University of Applied Sciences and Arts Hildesheim)
- 15:30 TOKALI PROJECT IN CAPPADOCIA. INTEGRATED AND INTERDISCIPLINARY SYSTEM FOR THE KNOWLEDGE AND CONSERVATION OF MURALS  
Pogliani, Paola Luisa - Andaloro, Maria - Alberti, Livia - Pelosi, Claudia (University of Tuscia) - Temur Yıldız, Hatice (Nevşehir Restorasyon Ve Konservasyon Bölge Laboratuvarı Müdürlüğü) - Kantoğlu, Ömer (Tenmak)
- 15:45 DISCUSSION SLOT
- 16:30 INTERDISCIPLINARY APPROACHES TO IMPLEMENT ON SITE WALL PAINTINGS CONSERVATION - A CASE STUDY FROM THE CHURCH OF MÜSTAIR  
Leandri, Caterina - Martinucci, Camilla - Emmenegger, Rufino (Stiftung Pro Kloster St. Johann Müstair)
- 16:45 THE PALIMPSEST OF THE MAGDALEN CHAPEL OF ST. EMMERAM, REGENSBURG - AN ANALYTICAL CHALLENGE  
Thalguter, Nadia - Angelin, Eva - Mindermann, Simon - Sessa, Clarimma (Technical University of Munich)
- 17:00 SURROUNDED BY SAINTS. CONSERVATION AND PREVENTION WORK IN OLD DONGOLA, SUDAN.  
Skarzynska, Magdalena (Polish Centre of Mediterranean Archaeology UW)
- 17:15 THE COLOURS OF THE MEDIEVAL WALLS: THE CASE OF SANT QUIRZE DE PEDRET  
Cayuela, Begoña (Ars Picta (Universitat de Barcelona))
- 17:30 THE 11TH-13TH CENTURY WALL PAINTINGS IN CANTON TICINO, SWITZERLAND: A SYSTEMATIC STUDY  
Luppichini, Stefania - Piqué, Francesca - Moretti, Patrizia - Caroselli, Marta - Lumia, Chiara (University of Applied Sciences and Arts of Southern Switzerland) - Schädler-Saub, Ursula (University of Applied Sciences and Arts, Faculty Architecture, Engineering and Conservation, Hildesheim) - Jean, Giacinta (University of Applied Sciences and Arts of Southern Switzerland)

- 17:45 THE DATING OF PYRENEAN ROMANESQUE PAINTING  
Guardia, Milagros (Universitat de Barcelona)
- 18:00 MEDIEVAL WALL PAINTINGS STUDIES VERSUS NEW METHODS OF DATATION  
Boisseau, Claire (CNRS) - Marzais, Amaëlle (Université Lyon 2)
- 18:15 DISCUSSION SLOT

## 794 OLD EXCAVATIONS AND FINDS, NEW DATA AND INTERPRETATIONS: THE USE OF ARCHIVES IN CURRENT ARCHAEOLOGICAL RESEARCH PROJECTS

- Room:** 50=CU006-FLG-Aula I  
**Time:** 8:30 - 16:00  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Schlanger, Nathan (Ecole Nationale des Chartes, Paris; UMR Trajectoires - 8215) - Cataldi, Maddalena (Ecole Française de Rome) - Hofmann, Kerstin (Romano-Germanic Commission of the German Archaeological Institute) - Plutniak, Sébastien (Citeres Lab, CNRS, Tours) - Rosner, Chloé (Institut National d'Histoire de L'Art; UMR Temps 8068)

## ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 COMBINING THE OLD WITH THE NEW FOR A MORE REFLECTIVE FUTURE  
Hofmann, Kerstin - Rösler, Katja (RGK - Romano-Germanic Commission DAI)
- 9:00 KNOWLEDGE CONSTRUCTION IN AND WITH THE ARCHAEOLOGICAL ARCHIVE  
Ward, Chloë (Ludwig-Maximilians-Universität, University of Munich)
- 9:15 LILLA JORED A CHIEFTAIN BURIAL? - RECONSTRUCTION AN EARLY 19TH CENTURY EXCAVATION  
Eboskog, Mikael - Nyqvist, Roger (Bohusläns Museum)
- 9:30 CREATING COMMON GROUND. SWEDISH ARCHIVE RESEARCH ON THE PAST FOR THE FUTURE  
Wallensten, Jenny (Swedish Institute at Athens) - Hansson, Ulf (Swedish Institute in Rome) - Frejman, Axel (Uppsala University; Swedish Research Institute in Istanbul)

- 9:45 RAW MATERIALS CIRCULATION DURING THE EBA IN THE SANDOMIERZ UPLAND. DATA OF THE "PAR" PROGRAM IN THE NEW TECHNOLOGICAL REALITY  
Budziszewski, Janusz (Institute of Archaeology UKSW) - Szub-ski, Michał (Institute of Archaeology University of Cardinal Stefan Wyszyński in Warsaw)
- 10:00 ARCHIVAL RESEARCH ON SHIPWRECKS IN TAIWAN'S WATERS: ITS CONTRIBUTION TO UNDERWATER ARCHAEOLOGY SURVEYS  
Chen, Pin-Wen (Texas A&M Univeristy) - Lee, Chi-Lin (Tamkang University)
- 10:15 DISCUSSION SLOT
- 11:00 THE BASILICA IULIA PROJECT AND THE ARCHIVE OF LAURA FABBRINI (1960-1964): QUESTIONS OF WORKFLOW, METHOD, AND DATA TRANSPARENCY  
Bozza, Sara (CNR - Istituto di Scienze del Patrimonio Culturale) - Galli, Marco (Sapienza Università di Roma) - Ismaelli, Tommaso (CNR - Istituto di Scienze del Patrimonio Culturale)
- 11:15 BROWSING LEGACY MATERIAL: THE CASE OF THE ARCHIVES OF THE FRENCH MISSION AT ENKOMI (CYPRUS)  
Meneghetti, Francesca (Cyprus American Archaeological Research Institute)
- 11:30 INVESTIGATING ELAEUS, FROM THE TRENCHES TO PRESS  
Lebée, Thomas (Louvre Museum) - Kardianou, Alexandra (Louvre Museum)
- 11:45 ANCIENT, ARCHIVAL, AND MODERN SOURCES COMBINED WITHIN THE PTOLEMAIC PATHYRIS PROJECT (EGYPT)  
Skalec, Aneta (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences) - Ejsmond, Wojciech (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)
- 12:00 ARCHIVES TELL THE TRUTH - RECONSTRUCTING THE HISTORY OF ARCHAEOLOGICAL AND CONSERVATION WORK AT THE TEMPLE OF HATSHEPSUT IN EGYPT.  
Kasprzycka, Katarzyna (University of Warsaw, Faculty of Archaeology)
- 12:15 LE BLOT 40 YEARS LATER: AN EXAMPLE OF FUZZY LOGIC IN ARCHAEOLOGY  
Vincent, Delvigne (CNRS, UMR 8068 Temps) - Bruno, Bosselin (No Rattachement) - Jacques, Virmont (No Rattachement) - Jean-Paul, Raynal (CNRS UMR 5199 PACEA)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT

- 14:00 DE STEFANI'S ARCHIVE AS A PORTRAIT OF THE EUROPEAN HISTORY OF ARCHAEOLOGY IN THE SECOND HALF OF THE XIX CENTURY  
Gabrielli, Angelica (University of Verona)
- 14:15 „BACK TO THE SIXTIES ! NEW INVESTIGATIONS ON JEAN PERROT'S EXCAVATIONS At the Neolithic Site of Munhata (8th-6th Millennia BC).“  
Bessenay, Julie (UMR 5133 Archéorient) - Vieugué, Julien (UMR 8068 Temps)
- 14:30 ADMINISTRATING AND SHAPING ARCHAEOLOGY IN BRITISH MANDATE PALESTINE IN LIGHT OF THE ARCHIVES OF THE DEPARTMENT OF ANTIQUITIES ARCHIVES  
Rosner, Chloe (Institut National d'Histoire de l'Art)
- 14:45 WHOSE WORK? TELLING NEW STORIES WITH ARCHAEOLOGICAL ARCHIVES AT THE HARVARD ART MUSEUMS  
Clerkin, Caitlin (Harvard Art Museums)
- 15:00 „ARCHAEOLOGICAL ARCHIVES AND LOCAL COMMUNITIES: How Can History of Archaeology Inform Heritage Practices“  
Baran, Mustafa Kemal (Koç University)
- 15:15 DISCUSSION SLOT

### 799 ELEVATING THE ELDERLY: (RE)CENTREING OLDER ADULTS IN BIOARCHAEOLOGY

**Room:** 2=CU003-EXT-Vetri

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Bethard, Jonathan (University of South Florida) - Buckberry, Jo (University of Bradford) - Silva Carvalho, Carlos (University of Bradford)

### ABSTRACTS

8:30 INTRODUCTION

8:45 ABSENT ELDERLY? BIOARCHAEOLOGY AND THE IDENTIFICATION OF ADVANCED AGE  
Bethard, Jonathan (University of South Florida)

9:00 AGE, ACTIVITY, AND ADAPTATION: BRIDGING MACROSCOPIC AND MICROSCOPIC INSIGHTS INTO ENTHESEAL CHANGES IN THE UPPER LIMBS OF THE ELDERLY POPULATION  
Schendzielorz, Sofie-Kristin (Centre for Anatomy and Human Identification (Cahid), School of Science and Engineering, University of Dun-

dee) - Gómez García-Donas, Julieta (Centre for Anatomy and Human Identification (Cahid, School of Science and Engineering, University of Dundee)

- 9:15 **IDENTIFYING OLDER ADULTS IN COMMINGLED SKELETONS USING TRANSITION ANALYSIS 3**  
Bolster, Alyssa (Brown University) - Jeanlouis, Hannah (Independent Researcher) - Gregoricka, Lesley (University of South Alabama) - Ullinger, Jaime (Quinnipiac University)
- 9:30 **"THE FINAL ACT IN THE PLAY OF LIFE:" INTERDISCIPLINARY PERSPECTIVES ON AGING IN THE ROMAN WORLD**  
Bews, Elizabeth (University of South Florida)
- 9:45 **INTERFACING WITH OUR ELDERS: AGING AND HEALTH AT PETRA, JORDAN**  
Perry, Megan (East Carolina University) - Propst, Akacia (McMaster University)
- 10:00 **DISCUSSION SLOT**
- 10:15 **FRAILITY AND RESILIENCE IN THE METROPOLIS: EMBODYING OLD AGE IN MEDIEVAL LONDON**  
Yaussy, Samantha (Department of Sociology and Anthropology, James Madison University) - Marklein, Kathryn (Department of Anthropology, University of Louisville; Centre for Archaeology and Cultural Heritage, University of Louisville) - Dewitte, Sharon (Department of Anthropology, University of Colorado Boulder; Institute of Behavioral Science, University of Colorado Boulder) - Crews, Douglas (Department of Anthropology, the Ohio State University; College of Public Health, the Ohio State University)
- 11:00 **"IT MATTERS NOT HOW LONG WE LIVE BUT HOW": BECOMING OLD DURING THE INDUSTRIAL REVOLUTION IN ENGLAND AND WALES**  
Buckberry, Jo (University of Bradford) - Crane-Kramer, Gillian (State University of New York at Plattsburgh)
- 11:15 **BEYOND NUNS AND GRANDMOTHERS: INTERSECTIONAL AGING AND THE ROLE OF ELDER FEMALES IN MEDIEVAL PRUSSIA**  
Gaddis, Katherine (University of Nevada, Las Vegas) - Gruenthal-Rankin, Ariel (University of Hawai'i-West O'ahu)
- 11:30 **DISCUSSION SLOT**
- 11:45 **AGE ESTIMATION AMONG ELDERLY EUNUCHS: A CASE STUDY FROM LINGLONG LANE CEMETERY IN BEIJING, CHINA**  
Du, Dejing (University of South Florida)

- 12:00 **THE ANOMALOUS INTERMENT OF AN ELDERLY, BAROQUE ERA (1700S) SZEKLER-HUNGARIAN NOBLEWOMAN**  
Zejdlik, Katie (Western Carolina University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Archaeology Department, Haáz Rezső Múzeum, Odorheiu Secuiesc, Romania)

12:15 **DISCUSSION SLOT**

## 802 FROM PREHISTORY TO POST-MEDIEVAL TIMES: PERSISTENCE AND CHANGE IN ARTISANAL PRODUCTION ACROSS THE MEDITERRANEAN

**Room:** 26=CU002-FL1-Aula VI

**Time:** 8:30 - 16:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Berrica, Silvia (Escuela Española de Historia y Arqueología de Roma Eehar-CSIC, Italy) - Morgado-Roncal, Leyre (University of Granada) - Carrera, Francesco (Soprintendenze Archeologia, Belle Arti e Paesaggio)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **TABLET-WEAVING IN THE 1ST MILLENNIUM BCE: CRAFTSMANSHIP, CASE STUDIES, AND INTERPRETATIONS**  
Saunderson, Kayleigh (University of Vienna; Natural History Museum Vienna)
- 9:00 **WEAVING RELATIONSHIPS: EXPLORING CONNECTIONS IN THE MESSARÀ PLAIN BEYOND THE DARK AGES**  
Toscano, Flavia Maria Chiara (Universität Heidelberg)
- 9:15 **IN THE BEGINNING OF TEXTILE CRAFT: THE SIGNIFICANT CASE OF THE CHALCOLITHIC SETTLEMENT OF LOS MILLARES (SE, SPAIN)**  
Basso Rial, Ricardo (University of Alicante) - Dorado Alejos, Alberto (University of Granada) - Pau, Claudia (University of Granada) - Spanedda, Liliana (University of Granada) - Molina González, Fernando (University of Granada) - Cámara Serrano, Juan Antonio (University of Granada)

- 9:30 **CHALCOLITHIC CRAFT ON THE CLIFF? CERAMIC PROVENANCE AND TECHNOLOGY AT THE HIGH-ALTITUDE SETTLEMENT OF LES MORERES (ALICANTE, SPAIN)**  
Serna Martínez, Israel - García Atiénzar, Gabriel (Instituto Universitario de Investigación En Arqueología y Patrimonio Histórico - INAPH, Universidad de Alicante) - del Pino Curbelo, Miguel (Departamento de Ciencias Históricas, Universidad de Las Palmas de Gran Canaria) - Buxeda I Garrigós, Jaume (Departament d'Història i Arqueologia, Universitat de Barcelona)
- 9:45 **THE QUARRYING OF GRANITE IN GALLURA IN THE NURAGIC ERA. THE CASE OF THE GIANTS' TOMB OF SU MONTE S'ABE.**  
Carrera, Francesco (Soprintendenza Nazionale Per Il Patrimonio Culturale Subacqueo)
- 10:00 **ARTISANS AND ARTIFACTS: A POST-HUMANIST EXPLORATION OF ETRUSCAN POTTERY**  
McCabe, Michael (Leiden University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **COINS AND CRAFT: TEXTILE VESTIGES AND THE CRAFTSMANSHIP BEHIND IN THE ROMAN PROVINCES OF HISPANIA, NORICUM, AND PANNONIA**  
Morgado-Roncal, Leyre (University of Granada) - Grömer, Karina (Natural History Museum Vienna)
- 11:15 **THE CONTRIBUTION OF ANCIENT REPRODUCTIONS IN ARCHAEOLOGY OF PRODUCTION: THE CASE STUDY OF TWO AMPHORAE FROM THE GRUPPO DI VANTH**  
Zubajová, Marína (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Paolini, Roberto (Independent Researcher)
- 11:30 **EXPLORING SECONDARY GLASS PRODUCTION IN ROMAN AQUILEIA: AN EXTENSIVE ARCHAEOLOGICAL STUDY TOWARDS NEW EVIDENCE**  
Molinaro, Sabrina (Centre for Cultural Heritage Technology - Istituto Italiano di Tecnologia; Università Ca' Foscari di Venezia) - Zanini, Roberta (Centre for Cultural Heritage Technology - Istituto Italiano di Tecnologia) - Giummolè, Federica (Università Ca' Foscari di Venezia) - Traviglia, Arianna (Centre for Cultural Heritage Technology - Istituto Italiano di Tecnologia)
- 11:45 **SURVIVAL OF ANCIENT CERAMIC FORMS IN MODERN TIMES**  
Zarco Martínez, Eva (Universidad Nacional de Educación a Distancia)
- 12:00 **DISCUSSION SLOT**

- 12:15 **METALLURGICAL PRACTICES IN LATE ANTIQUE ROME: BETWEEN CONTINUITY AND CHANGE**  
Bison, Giulia (University of Leicester)
- 12:30 **CRAFT ACTIVITY IN THE EARLY MEDIEVAL PERIOD. BREAD MAKING IN RURAL AREAS IN IBERIAN CENTRAL PLATEAU**  
Berrica, Silvia (Escuela Española de Historia y Arqueología de Roma EEHAR-CSIC, Italy)
- 12:45 **DISCUSSION SLOT**
- 14:00 **PRODUCTIVE ACTIVITIES AS INDICATORS OF POLITICAL AND ECONOMIC CHANGES IN THE AMITERNUM TERRITORY**  
Forgione, Alfonso (Università Dell'Aquila)
- 14:15 **EAST VERSUS WEST: THE ORIGINS OF THE Umayyad STYLE IN THE ART OF STUCCO TECHNIQUE**  
Georgieva, Siyana (Univesità di Padova; Università Popolare della Toscana)
- 14:30 **THE PRODUCTION OF LEATHER IN THE NASRID KINGDOM OF GRANADA: CHARACTERIZATION AND CHRISTIAN TRANSFORMATIONS POST-CONQUEST**  
Garrido López, Jorge (University of Granada)
- 14:45 **TRADE AND CERAMIC EXCHANGE IN THE SOUTHEASTERN IBERIAN PENINSULA DURING THE 15TH AND 16TH CENTURIES**  
Sánchez Castillo, Carmen (University of the Basque Country) - García Porras, Alberto (Universidad de Granada) - Iñañez, Javier (University of the Basque Country)
- 15:00 **DISCUSSION SLOT**

### 803 DYNAMICS OF OWNERSHIP AND TRANSFORMATION OF URBAN SPACES IN THE ROMAN ERA

**Room:** 70=CU028-FL1-Aula 3

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Sánchez de la Parra-Pérez, Santiago (Universidad de Valladolid) - Rodríguez Gutiérrez, Oliva (Universidad de Sevilla) - Boucard, Jordan (Lugdunum - Musée & Théâtres Romains)

### ABSTRACTS

8:30 INTRODUCTION

- 8:45 THE LEGAL AND ADMINISTRATIVE CONTEXT OF DONATIONS, PURCHASES, AND SALES OF URBAN LAND IN THE ROMAN WEST (1ST-3RD CENTURIES AD)  
Sánchez de la Parra-Pérez, Santiago (University of Valladolid)
- 9:00 BETWEEN PUBLIC AND PRIVATE: DEDICATIONS AND STATUARY HONOURS OF INDIVIDUALS IN PUBLIC SPACES OF ROMAN CITIES OF HISPANIA  
Cases Mora, Noelia (Humboldt Fellow Universität Hamburg)
- 9:15 THE CONSTRUCTION SITES FOR TRANSFORMING PRIVATE BUILDINGS INTO PUBLIC MONUMENTS: TRANSFORMATION SITES AND REUSE.  
Boucard, Jordan (Lugdunum. Theatre et Musées Romains de Lyon)
- 9:30 ONE NARRATIVE FITS ALL? REVIEWING ROMAN URBAN DEVELOPMENTS IN MID-IMPERIAL ITALY  
Goetz, Lisa (Classical Archaeology, University of Augsburg, Germany)
- 9:45 OWNERSHIP, FINANCIAL INVESTMENT AND LANDSCAPE IMPACT OF TWO GREAT MONUMENTS: THE CLAUDIAUM IN ROME AND THE PROVINCIAL FORUM IN TARRACO.  
Domingo, Javier (Pontifical University of the Holy Cross) - Pensabene, Patrizio (Sapienza Università di Roma)
- 10:00 EXPLORING THE EVIDENCE FOR CHANGING PROPERTY OWNERSHIP: CASE STUDIES FROM THE EXCAVATIONS OF HOUSES AND SHOPS AT POMPEII AND THARROS  
Ellis, Steven (University of Cincinnati)
- 10:15 DISCUSSION SLOT
- 11:00 OWNERSHIP DYNAMICS IN BAELO CLAUDIA (PROV. BAETICA) THROUGH ARCHAEOLOGICAL EVIDENCE  
Rodriguez, Oliva (University of Seville)
- 11:15 EXPLORING THE CHANGES OF THE URBAN SPACE OF LUCUS AUGUSTI. REVISITING SANTO DOMINGO SQUARE  
Folgueira Rios, Francisco (Universidad de Santiago de Compostela) - Martins, Manuela (Uaum/Lab2Pt) - Machado, Diego (Uaum/Lab2Pt)
- 11:30 RESHAPING URBAN LANDSCAPES: INSIGHTS FROM AESO (ISONA I CONCA DELLA, CATALONIA, SPAIN)  
Garcés, Ignasi (Universitat de Barcelona) - Cau Miguel Angel (Universitat de Barcelona; ICREA; Associate Researcher, Centre Camille Jullian, Mmsh, CNRS/Université Aix-Marseille; Institute of Archeology of the University of Barcelona - IAUB) - Mas, Catalina (Universitat de Barcelona; Institute of Archeology of the University of Barcelona - IAUB) - Martín, Borja (Universitat de Barcelona) - Bermúdez, Xavier - Belmonte, Cristina - Arcos, Roser (IPAT-Serveis Culturals; Museu de la Conca Dellà) - Reyes, Teresa (Museu de la Conca Dellà)

- 11:45 ARCHITECTURAL TRANSFORMATIONS AND OWNERSHIP DYNAMICS OF COMMERCIAL BUILDINGS: THE SHOPS IN LUGDUNUM AND VIENNA (FR) AS A CASE STUDY  
Lepee, Marine (Laboratoire ARAR-UMR5138, Maison de l'Orient et de la Méditerranée, Lyon; Université de Lille, Laboratoire Halma-8164)
- 12:00 OWNERSHIP IN A ROMAN POLIS REAL ESTATE DYNAMICS AND URBAN LANDSCAPE TRANSFORMATIONS IN THE MID-IMPERIAL ATHENS  
Cecconi, Niccolò (Sapienza. Università di Roma; Scuola Archeologica Italiana di Atene)
- 12:15 DISCUSSION SLOT
- 12:30 DISCUSSION SLOT

### 811 BRIDGING THE WALL BETWEEN PREHISTORY AND THE PRESENT: COMMUNICATION AND INCLUSIVENESS IN THE REALMS OF SCIENCE, HERITAGE AND EDUCATION

- Room:** 77=CU002-FLG-Aula XIII Massimo D'Antona  
**Time:** 8:30 - 16:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Regular session  
**Organisers:** Silvestri, Letizia (Sovrintendenza Capitolina Ai Beni Culturali (Casal De' Pazzi Museum; Università degli Studi di Roma; Durham University) - Cura, Sara (School of Communication and Media Studies)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 PALAEOLOGIC ON DISPLAY: MUSEUMS FOCUSING ON PALAEOLOGIC SITES IN THE IBERIAN PENINSULA AND THEIR OUTREACH STRATEGIES.  
Serodio, Andrea (Universidade de Vigo) - Méndez-Quintas, Eduardo (Universidade de Vigo)
- 9:00 ARCHAEOLOGICAL PARKS AND EDUCATION: THE EDUPARQ PROJECT  
Lopez-Mondejar, Maria Leticia (University of Santiago de Compostela)
- 9:15 STRATEGIES OF DISSEMINATION IN MIDDLE PALEOLITHIC ARCHAEOLOGY: SITES, COMMUNITIES AND STRATEGIES IN RURAL CONTEXTS.  
García Basanta, Andrea (Departamento de Prehistoria y Arqueología, Universidad Autónoma de Madrid, Ciudad Universitaria de Cantoblanco) - Morales, Juan Ignacio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de L'Art, Universitat Rovira i Virgili; Serp, Departament d'Història i

- Arqueologia, Universitat de Barcelona) - Romagnoli, Francesca (Departamento de Prehistoria y Arqueología, Universidad Autónoma de Madrid, Ciudad Universitaria de Cantoblanco)
- 9:30 **THE MEMORY OF THE HERD**  
 Martín, Patricia (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili) - Alías, Andrea (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Berihuete, Marian (Universitat Autònoma de Barcelona) - Gabucio, Maria Joana (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili) - Gibaja, Juan F. (Institució Milà i Fontanals IMF-CSIC) - Marín, Patricia (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Messina, Chiara (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili) - Sopesens, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Vergès, Josep Maria (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili) - Vilardell, Roser (Museu Etnogràfic de Ripoll)
- 9:45 **BREAKING BARRIERS: INCLUSIVE OUTREACH IN ARCHAEOLOGY FOR CHILDREN AND TEENAGERS UNDERGOING CANCER TREATMENT AND PEOPLE DEPRIVED OF LIBERTY**  
 Quevedo-Semperena, Izaro (Institut Milà i Fontanals-CSIC; Aranzadi Zientzia Elkartea) - Remolins Zamora, Gerard (Regirarocs, SI) - Gibaja, Juan (Institut Milà i Fontanals-CSIC) - Mozota, Millan (Ministry of Agriculture, Fisheries And Food, Spain) - Morell, Berta (Institut Milà i Fontanals-CSIC) - Portillo, Marta (Institut Milà i Fontanals-CSIC) - Moreno, Jose (AFANOC)
- 10:00 **LANDCRAFT(ING) - PRACTICES OF INTERACTION AND SOCIALIZATION OF CULTURAL HERITAGE IN THE CÔA VALLEY REGION (PORTUGAL)**  
 Comendador Rey, Beatriz Pilar (Group of Studies in Archaeology, Antiquity, and Territory, University of Vigo) - Carvalho, Bárbara (Centre of Studies in Archaeology, Arts and Heritage Sciences, University of Coimbra) - Bacelar Alves, Lara (Centre of Studies in Archaeology, Arts and Heritage Sciences, University of Coimbra) - Sackett, Hannah (Independent Researcher)
- 10:15 **DISCUSSION SLOT**

- 11:00 **LET'S ROCK - A STONE AGE PODCAST PROJECT: COMMUNICATING PREHISTORY THROUGH PODCASTS**  
 Cura, Sara (Escola Superior de Comunicação Social; ICArEHB, the Interdisciplinary Centre for Archaeology and Evolution of Human Behaviour)
- 11:15 **PREHISTORY, PUBLIC PERCEPTION, AND PODCASTS**  
 Siebrecht, Matilda (Exarc; Streichardt und Wedekind Archaeologie) - Boyle, Tristan (Archaeology Podcast Network)
- 11:30 **TRACING COMMUNICATION AND INCLUSIVENESS PATHWAYS IN CULTURAL HERITAGE: INSIGHTS FROM ITALIAN HUMAN PREHISTORY AND THE CASAL DE' PAZZI MUSEUM-SITE**  
 Silvestri, Letizia (Sovrintendenza Capitolina ai Beni Culturali; Università di Roma - Tor Vergata; Durham University) - Zanzi, Gian Luca (Sovrintendenza Capitolina Ai Beni Culturali) - Gioia, Patrizia (Independent Researcher (Formerly Sovrintendenza Capitolina ai Beni Culturali))
- 11:45 **CONNECTING PREHISTORY TO CONTEMPORARY: SOME EXPERIENCES FROM FOUR TUSCAN MUSEUMS**  
 Parisi, Marcella (Civico Museo Archeologico di Camaiore; Museo di Storia Naturale Dell'Università di Pisa) - Bonato, Marzia (Civico Museo Archeologico di Camaiore) - Dini, Angela - Bonaccorsi, Elena (Museo di Storia Naturale Dell'Università di Pisa) - Chelini, Maddalena (Museo e Istituto Fiorentino di Preistoria) - Cuda, Maria Teresa (Museo Civico Per la Preistoria del Monte Cetona)
- 12:00 **OLD SMYRNA EXCAVATION HOUSE AS A CONTEMPORARY ADDITION ON ARCHAEOLOGICAL SITE**  
 Sönmez, Ahu (Dokuz Eylül University) - Tanaç Zeren, Mine (Dokuz Eylül University)
- 12:15 **SHAPING STRATIGRAPHY: DEMYSTIFYING ARCHAEOLOGICAL CONTEXTS THROUGH DISPLAY AT VÉSZTŐ-MÁGOR**  
 Lingle, Ashley (University of York) - Seifert, Jerrod (University of Oslo) - Gyucha, Attila - Riebe, Danielle (The University of Georgia) - Duffy, Paul (Christian-Albrecht University of Kiel) - Ridge, William (University of Illinois Chicago) - Parkinson, William (The Field Museum)
- 12:30 **DISCUSSION SLOT**
- 12:45 **DISCUSSION SLOT**

- 14:00 **THE REFLECTION OF PREHISTORY IN THE FINE ARTS, WITH PARTICULAR REGARD TO PUBLIC SCULPTURE IN HUNGARY**  
Ernyey, Katalin (Government Office of the Capital City Budapest, Heritage Department)
- 14:15 **SCHÖNINGEN AND THE PATH TO THE UNESCO WORLD HERITAGE TITLE**  
Serangeli, Jordi (Universität Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment) - Haßmann, Henning (Niedersächsisches Landesamt für Denkmalpflege) - Conard, Nicholas (Universität Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment)
- 14:30 **EXPERIENCING LOCALITY, IDENTITY, AND HERITAGE WHILE INVESTIGATING A PREHISTORIC SITE IN NORTHERN FINLAND**  
Modarress Julin, Mirette (University of Oulu, Finland)
- 14:45 **CHANGING OUR PERCEPTIONS. HOW CAN WE RETHINK OUR WAY OF DOING ARCHAEOLOGY?**  
Foresi, Federica (Museum Vestsjælland; University of Siena)
- 15:00 DISCUSSION SLOT
- 15:15 DISCUSSION SLOT

**833 ADRIATIC BRIDGE - UNRAVELLING POLITICAL, SOCIAL, AND CULTURAL TRANSFORMATIONS IN THE ADRIATIC? IONIAN, AND BALKAN REGION IN THE LAST MILLENIUM BC**

**Room:** 8=CU003-FL1-Aula III

**Time:** 8:30 - 13:00

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Perkic, Domagoj (Dubrovnik Museums, Archaeological Museum) - Miše, Maja (UCL Institute of Archaeology) - Potrebica, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences) - James, Sarah (Department of Classics, University of Colorado Boulder) - Meo, Francesco (University of Salento, Department of Cultural Heritage)

**ABSTRACTS**

- 8:30 **HILLFORTS AND MOUNDS - EMERGENCE OF CULTURAL LANDSCAPE IN THE 1ST MILLENNIUM BC IN SOUTH OF THE EASTERN ADRIATIC COAST**  
Perkic, Domagoj (Dubrovnik Museums, Archaeological Museum) - Dizdar, Marko (Institute of Archaeology, Zagreb) - Potrebica, Hrvoje

(University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology)

- 8:45 **STINE - MISSING LINK IN THE IRON AGE OF THE ISLAND OF KORČULA**  
Borzić, Igor (University of Zadar, Department of Archaeology) - Potrebica, Hrvoje (Faculty of Humanities and Social Science, Department of Archaeology) - Kalebota, Marta (Korčula City Museum) - Radić, Dinko (Centre of Culture, Vela Luka) - Vuković, Miroslav (Faculty of Humanities and Social Science, Department of Archaeology)
- 9:00 **THE EVOLUTION OF ARCHAEOLOGICAL LANDSCAPE IN THE TERRITORY OF KAVAJA AND RROGOZHINA (ALBANIA) FROM PREHISTORY TO THE IMPERIAL ROMAN PERIOD**  
Shehi, Eduard (Albanian Institute of Archaeology)
- 9:15 DISCUSSION SLOT
- 9:30 **ECONOMY OF IRON AGE COMMUNITIES IN EASTERN ADRIATIC: INSIGHTS FROM LARGE STORAGE JARS FROM NADIN AND RAT VIČJA LUKA (DALMATIA)**  
Miše, Maja (UCL - Institute of Archaeology) - Barbarić, Vedran (Faculty of Humanities and Social Sciences, University of Split) - Čelhar, Martina (Department of Archaeology, University of Zadar)
- 9:45 **TRANSMISSION AND TRANSFORMATION IN THE ADRIATIC IRON AGE: A STUDY OF IMPORTED DRINKING WARES FROM GRADINA RAT, BRAČ**  
James, Sarah (University of Colorado Boulder)
- 10:00 **NORTHERN EPIRUS BETWEEN THE CLASSICAL AND THE HELLENISTIC PERIOD: THE CASE OF ČUKA E AJTOIT, BUTRINT AND THEIR REGIONAL CONTEXT**  
Aleotti, Nadia (Sapienza University of Rome)
- 10:15 DISCUSSION SLOT
- 11:00 **UNDER THE BRIDGE? CENTRAL DALMATIAN ISLANDS AND THE TRANS - ADRIATIC CONTACTS (2ND AND 1ST MILLENIUM BCE)**  
Barbaric, Vedran (University of Split, Faculty of Humanities and Social Sciences)
- 11:15 **RELATIONS BETWEEN KOSOVO AND THE GREEK COLONIES OF DURRACHION AND APOLLONIA DURING THE IRON AGE**  
Baraliu, Sedat (University of Prishtina, Faculty of Philosophy) - Premtim, Alaj (Archeological Institut of Kosovo)
- 11:30 **THE STRAIT OF OTRANTO: A GATE FOR ADRIATIC CONNECTIONS**  
Meo, Francesco (Department of Cultural Heritage, University of Salento)



- 11:45 **ANIMAL MANAGEMENT AT GREEK AND ROMAN PHAROS (STARI GRAD, HVAR ISLAND): PRELIMINARY RESULTS FROM FAUNAL STABLE ISOTOPE ANALYSES**  
Alagich, Rudolph (University of Sydney) - Barbir, Antonela (Institute of Archaeology, Zagreb) - Ugarković, Marina (Institute of Archaeology, Zagreb) - Smith, Colin (Universidad de Burgos; La Trobe University)
- 12:00 **CHALLENGES OF ANTHROPOLOGICAL ANALYSIS OF HUMAN OSTEOLOGICAL MATERIAL FROM PREHISTORIC SITES ON PELJEŠAC, CROATIA**  
Bedic, Željka (Institute for Anthropological Research, Centre for Applied Bioanthropology) - Vodanović, Marin (University of Zagreb, School of Dental Medicine) - Perkić, Domagoj (Dubrovnik Museums, Archaeological Museum) - Dizdar, Marko (Institute of Archaeology) - Potrebića, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences)
- 12:15 **ARCHAEOGENOMIC RESEARCH OF KAMENICE, A PREHISTORIC ALBANIAN TUMULUS (1600-500 BCE)**  
Jia, Xiaowen (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University of Munich) - Skourtanioti, Eirini (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Heilmann, Daniela (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University of Munich) - Bejko, Lorenc - Amore, Maria - Aliu, Skender - Pojani, Iris (Department of Archaeology and Heritage Studies, University of Tirana) - Ringbauer, Harald - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM) - Stockhammer, Philipp (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Max Planck Harvard Research Centre for the Archaeoscience of the Ancient Mediterranean - MHAAM; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University of Munich)
- 12:30 **GREEK EXPLORATION AND PHANTOM SETTLEMENTS IN THE ADRIATIC - A COLLISION BETWEEN ARCHAEOLOGICAL EVIDENCE AND HISTORICAL NARRATIVE**  
Budic, Filip (The Faculty of Humanities and Social Sciences in Zagreb; Chair of Ancient History Department of History)

- 12:45 DISCUSSION SLOT

**835 THE HORSE IN ARCHAEOLOGY: AN INTERDISCIPLINARY APPROACH FOR UNCOVERING RELATIONS BETWEEN HORSE AND HUMANS IN THE PAST**

- Room:** 101=CNR01-BAS-Convegna  
**Time:** 8:30 - 18:30  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Coimbra, Fernando (Polytechnic Institute of Tomar, CGeo, Coimbra University) - Gheorghiu, Dragos (Doctoral School, National University of Arts, Bucharest) - Golec Mírová, Zuzana (Charles University Prague; Institute of Archaeology of the Czech Academy of Sciences, Prague) - Schifter Bagge, Merethe (Museum Skanderborg) - Sundkvist, Anneli (Societas Archaeologica Upsaliensis; Equine History Collective)

**ABSTRACTS**

- 8:30 **INTRODUCTION**
- 8:45 **CONTRIBUTING TO THE HISTORY OF EQUIDS: THE PORTUGUESE ARCHAEOZOOLOGICAL RECORD FROM THE PALAEO-LITHIC TO THE BRONZE AGE**  
Guinot, Catarina (Universidade de Évora, Pt) - Almeida, Nelson (Chaia, Universidade de Évora, Pt; UNIARQ, Universidade de Lisboa, Pt)
- 9:00 **ON TECHNOLOGY TRANSFER, ICONOGRAPHY, AND HORSES IN THE CUCUTENI-TRIPOLYE AND STEPPIC TRADITIONS**  
Gheorghiu, Dragos (National University of Arts - Bucharest)
- 9:15 **THE HORSE IN THE ART OF THE KOBAN CULTURE**  
Makhortykh, Sergey (Institute of Archaeology Ukrainian Academy of Sciences, Kyiv) - Kotova, Nadia (Institute of Archaeology Ukrainian Academy of Sciences, Kyiv)
- 9:30 **ROCK ART ENGRAVED HORSES AND NARRATIVES FROM THE MINHO REGION (NORTHWEST OF PORTUGAL): SOME ARCHAEOLOGICAL EVIDENCE FROM A PREVAILING "HORSESCAPE"**  
Sampaio, Hugo Aluai (Laboratório de Paisagens, Património e Território (Lab2Pt; Centro de Investigação, Desenvolvimento e Inovação Em Turismo (CITUR; Laboratório Associado Para a Investigação e Inovação Em Património, Artes, Sustentabilidade e Território (In2Past; Departamento de História Do Instituto de Ciências Sociais da Universidade do

- Minho; Escola Superior de Hotelaria e Turismo Do Instituto Politécnico Do Cávado e Do Ave) - Coutinho, Luís (Unidade de Arqueologia da Universidade do Minho) - Ana, Bettencourt (Laboratório de Paisagens, Património e Território (Lab2Pt); Departamento de História Do Instituto de Ciências Sociais da Universidade do Minho) - Cardoso, Daniela (Centro de GeoCiências da Universidade de Coimbra - CGEO; Laboratório de Paisagens, Património e Território (Lab2Pt))
- 9:45 **REFLECTION OF THE HORSE IN MATERIAL CULTURE IN MORAVIA (CZECH REPUBLIC) IN THE URNFIELDS AND HALLSTATT PERIOD**  
Golec Mírová, Zuzana (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic; Charles University Prague)
- 10:00 **HORSES DURING THE EUROPEAN BRONZE AGE AND IRON AGE**  
Coimbra, Fernando (Polytechnic Institute of Tomar, CGeo, Coimbra University)
- 10:15 **DISCUSSION SLOT**
- 11:00 **HORSES AND HORSE EQUIPMENT IN THE LATE HALLSTATT SOUTH-EASTERN PANNONIA**  
Dizdar, Marko (Institute of Archaeology, Zagreb)
- 11:15 **HORSE AS A HISTORICAL AND ARCHAEOLOGICAL SOURCE, AND AS A CULTURAL MONUMENT. CASE STUDY: CRETAN HORSE.**  
Klontza-Jaklova, Vera (MUNI - Ústav Archeologie a Muzeologie)
- 11:30 **HOLD YOUR HORSES! NEW INSIGHTS INTO THE EARLY IRON AGE EQUID BURIALS IN SLOVENIA**  
Škvor Jernejcic, Brina - Toškan, Borut (Research Centre Sazu, Institute of Archaeology) - Turk, Peter (National Museum of Slovenia)
- 11:45 **HORSE SACRIFICES IN THE ROYAL HELLENISTIC NECROPOLIS OF THE GETAE IN SBORYANOVO NATIONAL RESERVE, NE BULGARIA. OVERVIEW OF STUDIES.**  
Gergova, Diana (National Academy of Arts) - Gergova, Diana (Academy of Art, Sofia; BNC - ICOMOS Bulgaria)
- 12:00 **THE ROLE OF HORSES AND HORSE FIGURINES IN THE SANCTUARY OF OLYMPIA**  
Patay-Horváth, András (Eötvös Loránd University, Budapest; Magyar Régészeti És Művészettörténeti Társulat)
- 12:15 **HORSES AND HUMANS: AN INTERDISCIPLINARY STUDY OF THE SECOND IRON AGE NECROPOLIS IN SBORYANOVO (BULGARIA)**  
Desideri, Jocelyne (Archaeology of Africa & Anthropology Laboratory University of Geneva) - Gergova, Diana (Bulgarian Academy of Sciences, Sofia, Bulgaria) - Rosselet-Christ, Deborah (Archaeology

of Africa & Anthropology Laboratory University of Geneva) - Kottas, Georgios (Archaeology of Africa & Anthropology Laboratory University of Geneva) - Gios, Matteo (Department F.-A. Forel for Environmental and Aquatic Sciences, University of Geneva) - Anastassov, Jordan (Institute of Archaeology and Classical Studies, University of Neuchâtel, Switzerland)

- 12:30 **ABOUT HEROES AND HORSES. THE COMMON ICONOGRAPHY OF HORSEMAN DEPICTIONS IN THE CONTEXT OF SUMPTUOUS TOMBS (4TH-3RD CENTURIES BC)**  
Sorin, Clesiu (Bucharest Municipality Museum)
- 12:45 **DISCUSSION SLOT**
- 14:00 **THE ART OF HORSEMANSHIP RIDING IN GEOMETRIC GREECE: THE RELATIONSHIP BETWEEN HORSE AND RIDER IN ICONOGRAPHY AND BIOARCHAEOLOGY**  
De Souza, Camila (Fluminense Federal University)
- 14:15 **HORSES IN THE FUNERAL CULTURE OF THE WEST BALTIC CIRCLE: A CASE STUDY OF THE CEMETERY IN RÓWNINA DOLNA (POLAND)**  
Szubska, Magdalena (Cardinal Stefan Wyszyński University in Warsaw; Ministry of Culture and National Heritage)
- 14:30 **HORSE HUSBANDRY IN LITHUANIA FROM THE LATE ROMAN TO THE EARLY MODERN PERIOD: 1500 YEARS LASTING TRADITIONS?**  
Piliciauskiene, Giedre (Vilnius University)
- 14:45 **DAUGHTERS OF THE VALKYRIES: THE EQUESTRIANISM OF WOMEN IN VIKING AGE SCANDINAVIA**  
Sundkvist, Anneli (Independent Researcher)
- 15:00 **FEEDING HORSES IN THE AFTERLIFE**  
Bagge, Merethe Schifter (Museum Skanderborg) - Out, Welmoed (Moesgaard Museum, Department of Archaeological Science and Conservation)
- 15:15 **ARCHAEOETHOLOGY: A NEW FRAMEWORK TO INTERPRET PAST HORSE-HUMAN RELATIONS**  
Larssen, Renate (University of Leicester)
- 15:30 **HORSE RIDING STYLE AND MOUNTED COMBAT TECHNIQUES IN THE AVAR PERIOD (6TH- 9TH CENTURY AD) – A TRANSDISCIPLINARY APPROACH**  
Bühler, Birgit (Vienna Institute for Archaeological Science - VIAS, University of Vienna)
- 15:45 **DISCUSSION SLOT**

- 16:30 **THE WHOLE HORSE: RESULTS FROM THE MEDIEVAL WARHORSE PROJECT**  
Outram, Alan (Department of Archaeology and History, University of Exeter) - Creighton, Oliver (Department of Archaeology and History, University of Exeter) - Kanne, Katherine (University College Dublin)
- 16:45 **EQUID-HUMAN INTERACTIONS IN MEDIEVAL ROME: EXPLORING THE ROLE AND MANAGEMENT OF EQUIDS THROUGH AN INTERDISCIPLINARY APPROACH**  
Minniti, Claudia (Sapienza University of Rome) - Corbino, Chiara (CNR - ISPC - Istituto di Scienze del Patrimonio Culturale) - Modi, Alessandra - Caramelli, David (Università di Firenze, Dipartimento di Biologia)
- 17:00 **THE HORSE IN MEDIEVAL POLAND. AN INTERDISCIPLINARY OVERVIEW**  
Makowiecki, Daniel (Institute of Archaeology, Nicolaus Copernicus University, Torun)
- 17:15 **HEIGHT AND WEIGHT OF HORSES IN PORTUGAL (LATE MIDDLE AGES AND EARLY MODERN ERA): AN APPROACH BASED ON WRITTEN SOURCES**  
Soares de Sousa, Afonso (Instituto de Estudos Medievais; Faculdade de Letras da Universidade de Coimbra) - Nisa, João (Centro de História da Sociedade e da Cultura; Faculdade de Letras da Universidade de Coimbra)
- 17:30 **DISCUSSION SLOT**

## 842 **CONTINUITY IN CHANGE: ENVIRONMENTAL, CULTURAL, SOCIAL AND MATERIAL EVOLUTION IN ANCIENT ARABIA**

**Room:** 63=CU022-FLG-Montalenti

**Time:** 8:30 - 16:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Maini, Elena (Sapienza University of Rome) - Fernández Rodríguez, Carlos (Universidad Autónoma de Madrid) - Maiorano, Maria Pia (Goethe University Frankfurt) - Gómez Sanz, Paula (Universidad Autónoma de Madrid)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **TRACKING THE EVOLUTION OF PEOPLE-PLANT RELATIONSHIPS IN THE SOUTHERN HAJAR PIEDMONT (CENTRAL OMAN) THROUGH THE MIDDLE-LATE HOLOCENE**  
Proctor, Lucas (Goethe University Frankfurt)

- 9:00 **LAYERS OF TIME: UNEARTHING THE DYNAMIC HISTORY OF RAS AL JINZ RJ-3 FROM NEOLITHIC TO EARLY BRONZE AGE OMAN**  
Azzara, Valentina (Netherlands EScience Centre; Leiden University, Faculty of Archaeology; Time of Magan Field School) - de Rooze, Alexandre (Time of Magan Field School)
- 9:15 **THE OTHER SIDE OF AL-KHUTM: CONTINUITY IN CHANGE IN A SOUTHEAST ARABIAN BRONZE AND IRON AGE PALIMPSEST**  
Swerida, Jennifer (Leiden University) - Bryant, Robert (University of Pennsylvania) - Dollarhide, Eli (New York University Abu Dhabi) - Smith, Stefan (Wissenschaftlicher Mitarbeiter at Staatliche Schlösser und Gärten Hessen) - Casana, Jesse (Dartmouth College) - Creamer, Petra (Emory University) - Nugent, Selin (Oxford Brookes University)
- 9:30 **CHANGE AND DOMESTIC ARCHITECTURE IN ANCIENT HILI**  
Morgan, Colleen (University of York) - Eddisford, Daniel (Heritage International) - Araar, Leila (University of York) - Fowler, Louise (Museum of London Archaeology) - Roberts, Xavier (Durham University) - de Vreeze, Michel (Self-Employed) - Al Meqbali, Ali Abdu Rahman - Valente, Tatiana (Department of Culture and Tourism, Abu Dhabi)
- 9:45 **UMM AN-NAR RITUAL BUILDINGS FROM AL BATINAH PLAIN IN OMAN, UNITY OF CONCEPT AND DESIGN**  
Douglas, Khaled (Sultan Qaboos University) - Pizzimenti, Sara (Pisa University) - Al Jahwari, Nasser (Sultan Qaboos University) - Hesein, Mohamad (Sultan Qaboos University)
- 10:00 **THE SAMAD LATE IRON AGE (SLIA) IN EASTERN OMAN, 2024 UPDATE**  
Yule, Paul (University Heidelberg)
- 10:15 **DISCUSSION SLOT**
- 11:00 **REASSESSING EARLY BRONZE AGE TOWERS IN CENTRAL OMAN THROUGH ARCHITECTURE, STRATIGRAPHY, AND LANDSCAPE INTERACTION**  
Antinori, Guido (Sapienza Università di Roma)
- 11:15 **CONTINUITY IN CHANGING SETTLEMENT PATTERNS IN BRONZE AND IRON AGE CENTRAL OMAN**  
Döpfer, Stephanie (HCCH, Heidelberg University)
- 11:30 **WATER MANAGEMENT THROUGH TIME SEEN FROM THE AL MADAM FALAJ**  
Fernández Rodríguez, Carlos (Universidad Autónoma de Madrid) - del Cerro Linares, Carmen (Universidad Autónoma de Madrid)

- 11:45 **HAPPY TROPICS IN THE LAND OF MAGAN. A NEW MULTIMILLENNIAL ARCHAEOLOGICAL LANDSCAPE NORTH-WEST OF MUSCAT IN SOUTH BATINAH**  
Ramazzotti, Marco (Sapienza University of Rome - Sciences of Antiquity) - Kzzo, Ahmed (Sapienza University of Rome) - di Ludovico, Alessandro (Sapienza University of Rome - Sovrintendenza Capitolina)
- 12:00 **MODELING ACCESSIBILITY TO INTERPRET SETTLEMENT PATTERN: A CASE STUDY FROM IRON AGE SOUTHEAST ARABIA**  
Paulsen, Paige (Johns Hopkins University)
- 12:15 **VISIBILITY, TOPOGRAPHY AND DISTRIBUTION OF THE EARLY BRONZE AGE HAFIT TOMBS IN THE AL-HAJAR MOUNTAINS IN SOUTHEAST ARABIA**  
Kuronuma, Taichi (Research Institute for Languages and Cultures of Asia and Africa, Tokyo University of Foreign Studies) - Miki, Takehiro (The University of Tokyo) - Tanabe, Kantaro (The University of Tokyo) - Kondo, Yasuhisa (Research Institute for Humanity and Nature; the Graduate University for Advanced Studies, Sokendai)
- 12:30 DISCUSSION SLOT
- 12:45 DISCUSSION SLOT
- 14:00 **PERSISTENCE AND CHANGE IN SINGLE-CHAMBERED CAIRNS DURING THE SECOND HALF OF 3RD MILLENNIUM BCE IN THE OMAN PENINSULA**  
Bortolini, Eugenio (Dept. of Cultural Heritage, University of Bologna) - Williams, Kimberly (Dept. of Anthropology, Temple University, Philadelphia, USA)
- 14:15 **THE FIRST CAMPAIGN OF EXCAVATIONS AT MANAQI (AL-BATINAH SOUTH): DISCOVERING AN EARLY IRON AGE FUNERARY BUILDING**  
Hesein, Mohamed Abdulhamed (Sultan Qaboos University) - Gernez, Guillaume (, Université Paris 1 Panthéon-Sorbonne) - Douglas, Khaled (Sultan Qaboos University) - Al-Jahwari, Nasser (Sultan Qaboos University)
- 14:30 **CORRIDOR-SHAPED TOMBS IN OMAN IN THE LATE 2ND MILLENNIUM BC: CONTINUITY OF COLLECTIVE PRACTICE AND THE EFFECT OF SOCIETAL EVOLUTION**  
Genchi, Francesco (Sapienza University of Rome)
- 14:45 **A PROPOSED METHODOLOGY FOR THE REINTEGRATION OF CAIRN TOMBS: THE AL KHUDAIRAH NECROPOLIS**  
Gómez Sanz, Paula (Universidad Autónoma de Madrid) - Alonso García, Alicia (Universidad Autónoma de Madrid) - Fernández Rodríguez, Carlos (Universidad Autónoma de Madrid) - Guerra García, Pablo (Universidad de Castilla-La Mancha) - del Cerro Linares, Carmen (Universidad Autónoma de Madrid)

- 15:00 DISCUSSION SLOT
- 15:15 DISCUSSION SLOT

## 860 GOING WITH THE FLOW: THE MANY FACETS OF GLASS IN PAST SOCIETIES

- Room:** 57=CU033-FL4-Aula 6  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Franjic, Ana (KU Leuven) - Nash, Charlotte (British Museum; University of Kent) - Penn, Timothy (University of Oxford; University of Reading) - Rosenow, Daniela (Griffith Institute, University of Oxford) - Rolland, Joëlle (CNRS, UMR 8215 Trajectoires)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 **GLASS VESSELS IN MYCENAEAN GREECE: MANUFACTURE, PROVENANCE AND THEIR FUNCTION IN CONTEXT**  
Nikita, Kalliopi (Hellenic Ministry of Culture, Ephorate of Antiquities of East Attica)
- 9:00 **THE BLUE OF BARBARIANS: GLASS ORNAMENTS AS MIRROR OF IDENTITIES IN LA TÈNE SOCIETIES**  
Rolland, Joëlle (CNRS, UMR 8215 Trajectoires)
- 9:15 DISCUSSION SLOT
- 9:30 **TRANSPARENT TIMES - GLASS VESSEL FRAGMENTS FOUND AT TAYMA (ARABIAN PENINSULA)**  
Seifert, Antonia (Freie Universität Berlin)
- 9:45 **TRANSFORMATION OF THE ROMAN GLASS PRODUCTION - CASE STUDY ROMULA-SLOVENIA**  
Lazar, Irena (University of Primorska, Unesco Chair)
- 10:00 **ROMAN GLASS INSTRUMENTS FOR MEASURING LIQUID CAPACITY**  
Perovic, Šime (Museum of Ancient Glass in Zadar)
- 10:15 DISCUSSION SLOT
- 11:00 **THE SIGNIFICANCE OF USING GLASS IN EARLY ROMAN AQUINCUM**  
Kelemen, Zsófia (Budapest History Museum; Eötvös Loránd University)

- 11:15 LATE ROMAN GLASS WEIGHTS FROM LAODICEA AD LYCUM  
Inceelgil, Yasemin (Pamukkale University)
- 11:30 GLASS IN THE CONTEXT OF THE ANCIENT IADER NECROPOLIS  
Eterovic Borzic, Anamarija (Museum of Ancient Glass in Zadar)
- 11:45 DISCUSSION SLOT
- 12:00 MYTHOLOGICAL DEPICTIONS ON ROMAN GLASS FROM THE EASTERN ADRIATIC  
Štefanac, Berislav (Museum of Ancient Glass in Zadar)
- 12:15 PLAYING AT (DEMI-)GOD: HERCULES' CLUB, MOULD-BLOWN GLASS, AND SENSORY EXPERIENCES IN THE ROMAN EMPIRE  
Penn, Tim (University of Reading)
- 12:30 THE MANY LIVES OF BLACK GLASS: LATE ANTIQUE AND MEDIEVAL BLACK-GLASS BANGLES IN IBERIA  
Govantes Edwards, David (Universidad de Córdoba)
- 12:45 DISCUSSION SLOT
- 14:00 MATERIAL AND TECHNOLOGY OF EARLY MEDIEVAL (7TH-9TH CENTURY AD) GLASS BEADS IN THE CARPATHIAN BASIN  
Bajnóczi, Bernadett (Hun-Res Research Centre for Astronomy and Earth Sciences) - Fülöp, Réka (Hungarian National Museum) - Schibille, Nadine (Institut de Recherche Sur Les Archéomatériaux, Centre Ernest-Babelon (Iramat-Ceb, UMR7065, CNRS/Université d'Orléans) - Szenthe, Gergely (Hungarian National Museum)
- 14:15 ISLAMIC PLANT-ASH GLASS TRADE AND RECYCLING IN THE EASTERN SILK ROADS: NEW INSIGHT FROM NISHAPUR, IRAN  
Lu, Qin-Qin (University of Cambridge)
- 14:30 DISCUSSION SLOT
- 14:45 WINDOW GLASS IN SACRAL SPACES FROM LATE ANTIQUITY TO THE MIDDLE AGES: STATE OF RESEARCH ALONG THE EASTERN ADRIATIC COAST  
Jovic Gazic, Vedrana (Museum of Ancient Glass in Zadar, Croatia)
- 15:00 THE RELIGIOUS, CULTURAL AND AESTHETIC VALUES OF GLAZING IN ENGLISH MEDIEVAL MONASTERIES  
Stone, Bronwen (University of Sheffield; Historic England) - Gherardi, Francesca (Historic England) - Merrony, Colin (University of Sheffield) - Paynter, Sarah (Historic England) - Tyson, Rachel (C/O Historic England) - Jackson, Caroline (University of Sheffield)
- 15:15 GLAZED TOWNSCAPE - GLASS WINDOWS IN MEDIEVAL TALLINN, ESTONIA  
Reppo, Monika (Tallinn University)

- 15:30 DISCUSSION SLOT

## 870 PRESTIGE AND LUXURY GOODS: A MATERIAL APPROACH TO GIFT GIVING AS A TOOL FOR DE-ESCALATION

**Room:** 22=CU003-FL5-Pirrotta

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Andersen, Anna-Theres (Roots Cluster of Excellence, Kiel University; Leibniz Institute for the History and Culture of Eastern Europe (GWZO) - Schneeweiß, Jens (Roots Cluster of Excellence, Kiel University; Centre for Baltic and Scandinavian Archaeology (Zbsa) - Hardt, Matthias (Leibniz Institute for the History and Culture of Eastern Europe (GWZO) - Zovko Sostaric, Valentina (Department of History, University of Zadar) - Lund, Julie (Department of Archaeology, Conservation and History, University of Oslo)

## ABSTRACTS

- 14:00 GIFT EXCHANGE - A KEY CONCEPT FOR EXPLAINING POLITICAL AND MILITARY RELATIONSHIPS IN PRE-MODERN TIMES?  
Hardt, Matthias (GWZO)
- 14:15 BRONZE AGE DIPLOMACY: GIFT-EXCHANGE AND RELATIONAL NARRATIVES  
Melheim, Lene (Museum of Cultural History University of Oslo) - Neumann, Iver (Museum of Cultural History University of Oslo; Fritjof Nansen Institute)
- 14:30 LASTING RELATIONS? SOCIAL VALUES AND TEMPORAL ASPECTS OF GIFT GIVING IN EARLY AND LATE IRON AGE SCANDINAVIA  
Lund, Julie (Department of Archaeology, Conservation and History, University of Oslo)
- 14:45 BRONZE VESSELS FROM THE ROMAN PERIOD FROM THE SEAT OF THE ELITE IN ZOHORE AS AN INDICATOR OF ROMAN-BARBARIAN RELATIONS  
Elschek, Kristian (Archaeological Institute of the Slovak Academy of Sciences) - Jílek, Jan (Department of Archaeology und Museology, Masaryk University)
- 15:00 „WARLORDS BENEATH THE SOIL: LEGACY OF PRESTIGE IN GRAVES WITH WEAPONRY ACROSS CENTRAL EUROPE DURING LATE ANTIQUITY“  
Hrušovská, Barbora (Masaryk University)

- 15:15 (EXOTIC) ANIMALS AS GIFTS IN DIPLOMATIC AFFAIRS?  
Schmölcke, Ulrich (Leibniz-Zentrum für Archäologie, Centre for Baltic and Scandinavian Archaeology LEIZA-ZBSA) - Grimm, Oliver (Leibniz-Zentrum für Archäologie, Centre for Baltic and Scandinavian Archaeology LEIZA-ZBSA) - Yanish, Yevheniia (National Academy of Sciences of Ukraine, I. I. Schmalhausen Institute of Zoology)
- 15:30 UNRAVELING DIPLOMATIC STRATEGIES IN EARLY MEDIEVAL RUS': A CASE STUDY OF GIFT EXCHANGE AND DYNASTIC ALLIANCES  
Andersen, Anna-Theres (Roots Cluster of Excellence, Kiel University)
- 15:45 DISCUSSION SLOT
- 16:30 DIPLOMATIC GIFT EXCHANGE IN BYZANTIUM  
Liveri, Angeliki (Independent Researcher)
- 16:45 LATE MEDIEVAL DUBROVNIK'S MATERIAL PERSPECTIVE ON DIPLOMATIC AMITY AND ANTAGONISM  
Zovko Šoštaric, Valentina (University of Zadar)
- 17:00 DISCUSSION SLOT

## 871 NOT JUST WEAR: THE SYNERGY OF TRACE ANALYSIS WITH OTHER DISCIPLINES AND NON-INVASIVE TECHNIQUES IN ARCHAEOLOGY

**Room:** 78=CU002-FL2-Aula 201  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Lemorini, Cristina (Sapienza University of Rome) - Venditti, Flavia (Tubinga University) - Caricola, Isabella (Haifa University)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 QUALITATIVE AND QUANTITATIVE NON-INVASIVE TECHNIQUES FOR THE STUDY OF USE-WEAR: APPLICATION TO LOWER PALEOLITHIC CHIPPED AND PERCUSSIVE STONE TOOLS  
Lemorini, Cristina (Dep. Science of Antiquities, Sapienza University of Rome) - Germinaro, Luigi (Dep. of Geosciences, Padua University) - Ryder, Spencer (Dep. of Geosciences, Padua University) - Caricola, Isabella (Zinman Institute of Archaeology, University of Haifa) - Mazzoli, Claudio (Dep. of Geosciences, Padua University) - Finestone, Emma (Cleveland Museum of Natural History) - Plummer, Tom

(Department of Anthropology, Queens College, CUNY, NY USA) - Gopher, Avi (The Sonia & Marco Nadler Institute of Archaeology, Tel Aviv University) - Barkai, Ran (The Sonia & Marco Nadler Institute of Archaeology, Tel Aviv University)

- 9:00 COMBINING FUNCTIONAL AND TECHNOLOGICAL ANALYSIS TO INVESTIGATE THE ROLE OF CARINATED ARTIFACTS AND END-SCRAPERS IN THE AURIGNACIAN OF VOGELHERD CAVE  
Schürch, Benjamin (University of Tuebingen) - Rots, Veerle (Université de Liège) - Conard, Nicholas (University of Tuebingen; Senckenberg Centre for Human Evolution and Palaeoenvironment)
- 9:15 ON THE AUTHENTICITY OF TWO PRESUMED PALEOLITHIC FEMALE FIGURINES FROM THE ART MARKET: A SYNERGETIC APPROACH.  
Venditti, Flavia (Department of Early Prehistory and Quaternary Ecology, University of Tübingen) - Weiss, Rainer-Maria (Archäologisches Museum Hamburg und Stadtmuseum Harburg) - Schmidt, Patrick - Wolf, Sibylle (Department of Early Prehistory and Quaternary Ecology, University of Tübingen)
- 9:30 MULTIDISCIPLINARY APPROACH TO ANIMAL TRACES IN THE BELGIAN FINAL-PALAEOLITHIC AND MESOLITHIC — CASE STUDIES FROM THE MEUSE VALLEY  
Halbrucker, Éva - Pironneau, Camille (Ghent University) - Goffette, Quentin (Royal Belgian Institute of Natural Sciences) - Vandendriessche, Hans - de Groote, Isabelle (Ghent University) - Abrams, Grégory (Ghent University; Scientific Department, Espace Muséal d'Andenne) - Crombé, Philippe (Ghent University)
- 9:45 QUALITATIVE AND QUANTITATIVE ANALYSIS OF NATUFIAN SICKLE BLADES: TRACKING SHIFTING CEREAL HARVESTING STRATEGIES AT EL-WAD TERRACE IN THE LEVANT  
Cendrowska, Marzena (Wear Analysis Laboratory, Zinman Institute of Archaeology, School of Archaeology and Maritime Cultures, University of Haifa; Sapienza, University of Bergen) - Yeshurun, Reuven (Zinman Institute of Archaeology, School of Archaeology and Maritime Cultures, University of Haifa) - Caricola, Isabella (Wear Analysis Laboratory, Zinman Institute of Archaeology, School of Archaeology and Maritime Cultures, University of Haifa) - Weinstein-Evron, Mina (Zinman Institute of Archaeology, University of Haifa) - Groman-Yaroslavski, Iris (Wear Analysis Laboratory, Zinman Institute of Archaeology, School of Archaeology and Maritime Cultures, University of Haifa)

- 10:00 **DRILLING DOWN – A TECHNO-FUNCTIONAL ANALYSIS OF NEOLITHIC DICKENBÄNNLI-DRILLS AT KOHLHAU ABRI, SOUTHWEST GERMANY**  
Huber, Hannah - Venditti, Flavia (Eberhard Karls Universität Tübingen) - Kind, Claus-Joachim (Retired, Previously State Office for Cultural Heritage Baden-Württemberg) - Tafelmaier, Yvonne (State Office for Cultural Heritage Baden-Württemberg)
- 10:15 **DISCUSSION SLOT**
- 11:00 **FTIR- MICROSCOPY AS A TOOL FOR LITHIC RESIDUE ANALYSIS: AN INTEGRATED APPROACH**  
Thothiyil, Leanne (Sapienza University of Rome) - Lemorini, Cristina (Sapienza University of Rome) - Ciccola, Alessandro (Sapienza University of Rome)
- 11:15 **CONVERGING NON-INVASIVE APPROACHES FOR IN-DEPTH MICRO-WEAR EXAMINATION ON BASALT**  
Asryan, Lena (Traceolab, University of Liège, Place du 20-Août 7, 4000 Liège, Belgium) - Rots, Veerle (Traceolab, University of Liège, Place du 20-Août 7, 4000 Liège, Belgium; F.R.S.-Fnrs Research Director)
- 11:30 **A CLOSER LOOK AT THE SURFACE: A TAPHONOMIC STUDY OF PREHISTORIC LITHIC SCATTERS IN SOUTHWEST ASIA**  
Hilbert, Yamandú (Universität Tübingen Paläoanthropologie) - Geiling, Jeanne Marie (Grupo I+D+I Evoadapta, Dpt. de Ciencias Históricas, Universidad de Cantabria, 39005 Santander, Spain) - Clemente-Conte, Ignacio (CSIC, Institución Milá y Fontanals de Investigación En Humanidades, Archeology of Social Dynamics (Asd) Barcelona, Spain) - Uthmeier, Thorsten (Institut für Ur- und Frühgeschichte, Friedrich-Alexander-Universität Erlangen-Nürnberg, Kochstr 4/18, D-91054 Erlangen, Germany)
- 11:45 **A USE-WEAR ANALYSIS OF FIRED CLAY SICKLES FROM MESOPOTAMIA: AN "EXTRA" HAND OR AN ALTERNATIVE TO FLINT SICKLES?**  
Zagorodnia, Olga (British Museum)
- 12:00 **FROM MACRO TO MICRO: MULTIDISCIPLINARY ANALYSIS OF SURFACE TREATMENT OF POTTERY VESSELS FROM EARLY COPPER AGE EASTERN HUNGARY**  
Solnay, Eszter (MTA-ELTE Lendület "Momentum" Innovation Research Group, Institute of Archaeological Sciences, ELTE Eötvös Loránd University; UMR 8215 Trajectoires; Paris 1 Panthéon-Sorbonne University, Doctoral School of Archaeology) - Borel, Antony (Histoire Naturelle de L'Homme Préhistorique, Hnhp-Umr 7194 (Mnhn, CNRS, UPVD, Alliance Sorbonne Université, Département Homme

et Environnement, Muséum National d'Histoire Naturelle; Institute of Archaeological Sciences, ELTE Eötvös Loránd University) - Hrabák, Zita (Hungarian National Museum, National Institute of Archaeology; University of Szeged, Doctoral School of History) - Kreiter, Attila (Hungarian National Museum, National Institute of Archaeology, Archaeometry Laboratory) - Siklósi, Zsuzsanna (MTA-ELTE Lendület "Momentum" Innovation Research Group, Institute of Archaeological Sciences, ELTE Eötvös Loránd University)

- 12:15 **POTTERY ANALYSIS: FROM MACRO- TO MICROSCOPIC AND PHYSICO-CHEMICAL INVESTIGATION. CASE STUDIES FROM THE MIDDLE BRONZE AGE IN EASTERN ROMANIA**  
Drob, Ana ("Alexandru Ioan Cuza" University of Iasi, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Centre, Iași) - Bolohan, Neculai („Alexandru Ioan Cuza“ University, Faculty of History, Iași) - Vasilache, Viorica („Alexandru Ioan Cuza“ University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Centre, Iași)
- 12:30 **RESIDUE ANALYSIS OF IRON AGE FUNERARY JUG FROM SAMREKLO, REP. OF GEORGIA**  
Gilb, Hannah (Freie Universität Berlin, Institut für Prähistorische Archäologie)
- 12:45 **DISCUSSION SLOT**
- 14:00 **A NEW HISTORY OF BRONZE: TOWARDS AN INTEGRATED APPROACH TO THE STUDY OF METALWORKING PROCESSES**  
Hitchcock, Matthew - Sych, Dawid - Tsoraki, Christina - Crellin, Rachel - Harris, Oliver (University of Leicester)
- 14:15 **ASSESSING TRACE VISIBILITY AND THE IMPACT OF CONSERVATION IN METALWORK WEAR ANALYSIS: A PILOT STUDY**  
Dolfini, Andrea (Newcastle University) - Francone, Serena (Museo Delle Civiltà, Rome) - Boccuccia, Paolo (Museo Delle Civiltà, Rome) - Lemorini, Cristina (Sapienza' University of Rome)
- 14:30 **ADVANTAGES AND LIMITATIONS OF TRACEOLOGICAL RESEARCH ON EARLY MEDIEVAL CLOTHING COMPONENTS (9TH CENTURY SPHERICAL HOLLOW BUTTONS)**  
Krupicková, Šárka (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Fořt, Martin (Czech Academy of Sciences, Institute of Archaeology, Brno) - Płygawko, Michał (Czech Academy of Sciences, Institute of Archaeology, Brno) - Poláček, Lumír (Czech Academy of Sciences, Institute of Archaeology, Brno) - Vlasatý, Tomáš (Projekt

Forlóg) - Olbert, Martin (Czech Academy of Sciences, Institute of Scientific Instruments) - Tihlaříková, Eva (Czech Academy of Sciences, Institute of Scientific Instruments) - Neděla, Vilém (Czech Academy of Sciences, Institute of Scientific Instruments)

- 14:45 **UNWINDING THE BEADS: NOVEL APPROACHES TO GLASS BEAD USE AND PRODUCTION**  
Montanari, Eleonora (Newcastle University; Ahg (Association for the History of Glass))
- 15:00 **DISCUSSION SLOT**
- 15:15 **DISCUSSION SLOT**

## 882 **SYNTHESIS, FACILITATOR OR HINDRANCE: SHOULD SYNTHESIS BE PART OF COMMERCIAL ARCHAEOLOGY OR LEFT TO THE ACADEMICS?**

- Room:** 49=CU006-FLG-Aula B  
**Time:** 8:30 - 10:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Forrestal, Colin (Cifa Rig Special Interest Group) - Godfrey, Evelyne (Cifa Rig Special Interest Group) - Joosten, Ineke (Rijksdienst Voor Het Cultureel Erfgoed Rce) - Bryant, Stewart (Society of Antiquaries of London) - Evans, Christopher (British Academy)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **WHAT IS SYNTHESIS? AN OVERVIEW OF OPINIONS GARNERED BY THE RIG GROUP AND IS UTILISING AI A WAY FORWARD.**  
Forrestal, Colin (Independent Researcher)
- 9:00 **THE VALETTA HARVEST PROJECT. SYNTHESIZING ARCHAEOLOGICAL DATA FROM DEVELOPMENT-LED RESEARCH IN THE NETHERLANDS ON A NATIONAL LEVEL.**  
Groot, Tessa - Bazelmans, Jos (Cultural Heritage Agency of the Netherlands)
- 9:15 **TELLING DIFFERENT STORIES: AN EXPERIMENTAL APPROACH TO STORYTELLING AND SYNTHESIS ON LARGE-SCALE LINEAR INFRASTRUCTURE SCHEMES.**  
Clough, Alice (MOLA - Museum of London Archaeology; University of Bristol)

- 9:30 **DEVELOPING A HUB FOR COLLABORATIVE SYNTHESIS IN HUMAN EVOLUTION**  
Devevey, Godefroy (ICArEHB, University of Algarve) - Aldeias, Vera (ICArEHB, University of Algarve) - Marques, Catarina (ICArEHB, University of Algarve) - Cascalheira, João (ICArEHB, University of Algarve)
- 9:45 **KNOWLEDGE-CREATION AND DEVELOPMENT-FUNDED ARCHAEOLOGY IN ENGLAND: HISTORY, CURRENT PRACTICE AND FUTURE DIRECTIONS**  
Bryant, Stewart (Society of Antiquaries of London)
- 10:00 **WHY SYNTHESIS IS HARD?**  
Altschul, Jeff (Sri Foundation) - Wait, Gerald (Gwheritage)
- 10:15 **DISCUSSION SLOT**

## 886 **THE ARCHAEOLOGY OF MASS GRAVES: NEW APPROACHES**

- Room:** 102=CNR01-FLG-Biblioteca  
**Time:** 16:30 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Saqqa-Carazo, Miriam (Universidad Complutense de Madrid) - Baillie, Britt (Roskilde Viking Ship Museum) - Renshaw, Layla (Kingston University) - Sturdy Colls, Caroline (Staffordshire University) - Schroeder, Hannes (University of Copenhagen)

### ABSTRACTS

- 16:30 **REMOTE SENSING AND THE IDENTIFICATION OF FAMINE AND OTHER UNMARKED INSTITUTIONAL GRAVES IN IRELAND.**  
Tierney, John (EACHtra) - Davis, Stephen (Ucd Archaeology Dept) - Bhreatnach, Aoife (Apeo Consulting)
- 16:45 **3D VISUALIZATION AND VIRTUAL RECONSTRUCTION AS TOOLS TO ANALYZE HISTORICAL AND RECENT MASS GRAVES**  
Mickleburgh, Hayley (University of Amsterdam; Forensic Anthropology Centre, Texas State University)
- 17:00 **INVESTIGATIONS MASS GRAVES OF HOLOCAUST-ERA IN UKRAINE: CHALLENGES AND PERSPECTIVES**  
Cherkaska, Daria (Staffordshire University)



- 17:15 **MASS VIOLENCE, AGE AND GENDER IN THE EARLY IRON AGE OF THE SOUTHWEST CARPATHIAN BASIN**  
Iraeta Orbegozo, Miren (Globe Institute, University of Copenhagen KU; School of Archaeology, University College Dublin ; UcpH School of Archaeology) - Fibiger, Linda (School of History, Classics & Archaeology, University of Edinburgh) - Mylopotamitaki, Dorothea (Globe Institute, University of Copenhagen KU; Cirb, Collège de France, Université PSL, CNRS, Inserm) - Laffoon, Jason (Department of Archaeological Science, Leiden University) - Makarewicz, Cheryl (Institute of Prehistoric and Protohistoric Archaeology, University of Kiel) - Koledin, Jovan (Museum of Vojvodina) - Bruyère, Caroline (School of Archaeology, University College Dublin) - Ramos Madrigal, Jazmín (Globe Institute, University of Copenhagen KU) - Schroeder, Hannes (Globe Institute, University of Copenhagen KU; UcpH School of Archaeology) - Molloy, Barry (School of Archaeology, University College Dublin)
- 17:30 **AN ARCHAEOLOGICAL APPROACH TO THE EXCAVATION OF TERRESTRIAL WW2 AIR CRASHES IN EUROPE**  
Errickson, David (Cranfield University) - Márquez-Grant, Nicholas (Cranfield University) - Dalton, Kevin (Henry Jackson Foundation) - Humphrey, Kenneth (Defense Prisoner of War / Missing in Action Accounting Agency)
- 17:45 **ADVANCED OSTEOLOGICAL TECHNIQUES IN THE EXHUMATION AND ANALYSIS OF A HISTORIC MASS GRAVE IN RONCESVALLES, SPAIN**  
Bonthorne, Emma (Aditu Arkeologia; Department for Continuing Education, University of Oxford) - Zurek-Ost, Andrea (Department of Anthropology, University of North Carolina) - Loe, Louise (Oxford Archaeology) - Griffiths, David (Department for Continuing Education, University of Oxford) - Schendzielorz, Sofie-Kristen (Centre for Anatomy and Human Identification, University of Dundee) - Valle de Tarazaga, Francisco (Aditu Arkeologia)
- 18:00 **ARCHIVAL FORENSIC ARCHAEOLOGY: A NOVEL APPROACH TO HISTORICAL EXHUMATIONS**  
Saqqa-Carazo, Miriam (Universidad Complutense de Madrid)
- 18:15 **DISCUSSION SLOT**

## 893 PROFESSIONAL ARCHAEOLOGY IN EUROPE: THE STATE OF THE ISSUE

- Room:** 64=CU022-FLG-Aula C  
**Time:** 11:00 - 13:00  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Discussion session (with formal abstracts)  
**Organisers:** Giorgio, Marcella (Ana - Associazione Nazionale Archeologi (Italian National Association of Archaeologists; Soprintendenza Archeologia, Belle Arti e Paesaggio Per Le Province di Pisa e Livorno (Italian Ministry of Culture) - Festa, Giovanni (University of Salzburg (Austria))

### ABSTRACTS

- 11:00 **INTRODUCTION**
- 11:15 **COMMERCIAL ARCHAEOLOGY IN THE UK: MANY JOBS, FEW CAREERS?**  
Festa, Giovanni (University of Salzburg)
- 11:30 **PROFESSIONAL ARCHAEOLOGY IN IRELAND: THE STATE OF THE ISSUE**  
O Maolduin, Ros - Mccullagh, Niamh (Institute of Archaeologists of Ireland)
- 11:45 **FROM "STATE ARCHAEOLOGY" TO "PUBLIC ARCHAEOLOGY": LOOKING FOR AN ITALIAN WAY TO LINK ARCHAEOLOGICAL HERITAGE AND SOCIETY**  
Knobloch, Roberto (Cooperativa Archeologia)
- 12:00 **WIND OF CHANGE: BEING AN ARCHAEOLOGIST IN ITALY BETWEEN REALITY AND PERCEPTION**  
Garrisi, Alessandro (Associazione Nazionale Archeologi) - Giorgio, Marcella (Associazione Nazionale Archeologi)
- 12:15 **DISCUSSION SLOT**
- 12:30 **DISCUSSION SLOT**

## 904 MOBILITY, MOVEMENT AND INTERACTION IN THE ANCIENT WORLD: NEW AVENUES OF INTERPRETATION

**Room:** 24=CU002-FL1-Lauree

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Hamilton, Derek (Suerc, University of Glasgow) - Monnereau, Aurore (Globe Institute, Section for Molecular Ecology and Evolution, Faculty of Health and Medical Sciences, University of Copenhagen) - Díaz-Zorita Bonilla, Marta (University of Tübingen) - James, Hannah (Vrije Universiteit Brussel) - Soncin, Silvia (Department of Environmental Biology and Mediterranean BioArChaeological Research Advances Centre, Sapienza Università di Roma)

### ABSTRACTS

14:00 INTRODUCTION

14:15 INVESTIGATION OF CHANGES IN POPULATIONS IN CENTRAL ANATOLIAN IN THE NEOLITHIC PERIOD

Vural, Kivilcim (Middle East Technical University) - Kazancı, Duygu (Middle East Technical University) - Yorulmaz, Sevgi (Hacettepe University) - Özbaşaran, Mihriban (Istanbul University) - Duru, Güneş (MIMar Sinan Fine Arts University) - Mustafaoğlu, Gökhan (Ankara Hacı Bayram Veli University) - BaIRD, Douglas (University of Liverpool) - Ancient Dna Team, METU/Hacettepe (Middle East Technical University)

14:30 ARCHAEOGENETICS IN THE TRAISEN VALLEY: MOBILITY AND SOCIAL STRUCTURE DURING THE IRON AGE IN NORTHEAST AUSTRIA

Carlhoff, Selina (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Mötsch, Angela (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Rams, Peter (Department of Prehistoric and Historical Archaeology, University of Vienna) - Lamnidis, Theseas (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Novotny, Friederike (Department of Anthropology, Natural History Museum Vienna) - Wiltshcke-Schrotta, Karin (Department of Anthropology, Natural History Museum Vienna) - Schiffels, Stephan (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)

14:45 EXPLORING CULTURAL DYNAMICS AND HUMAN MOBILITY DURING THE BRONZE AGE IN THE FRENCH UPPER SEINE VALLEY

Chevallier, Solène (Inrap Siège; Lampea UMR 7269, CNRS, Aix Marseille Univ, Ministère de la Culture; Archaeology, Environmental Changes & Geo-Chemistry) - James, Hannah (Archaeology, Environmental Changes & Geo-Chemistry) - Peake, Rebecca (Inrap Centre-Ille-De-France; Artheis, UMR 6298, Université de Bourgogne, CNRS, Ministère de la Culture) - Herrscher, Estelle (Lampea UMR 7269, CNRS, Aix Marseille Université, Ministère de la Culture) - Snoeck, Christophe (Archaeology, Environmental Changes & Geo-Chemistry)

15:00 UNCOVERING POPULATION CHANGE AND REGIONAL DIVERSITY IN THE CENTRAL LEVANT FROM 2ND TO 1ST MILLENNIUM BCE THROUGH ANCIENT DNA ANALYSIS

Freilich, Suzanne (Max Planck Institute for Evolutionary Anthropology) - Feldman, Michal (University of Tübingen) - Eisenmann, Stefanie (Humboldt University of Berlin) - Skourtanioti, Eirini (Max Planck Institute for Evolutionary Anthropology) - Mitnik, Alissa (Max Planck Institute for Evolutionary Anthropology) - Schultz, Michael (University of Göttingen) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology) - Stockhammer, Philipp (Max Planck Institute for Evolutionary Anthropology; Ludwig-Maximilians-University Munich)

15:15 HUMAN MIGRATION IN THE ANDES: ISOSCAPES AND PALEOGENOMICS

Barberena, Ramiro (Centro de Investigación, Innovación y Creación, Universidad Católica de Temuco; CONICET) - Tessone, Augusto (Instituto de Geocronología y Geología Isotópica (Ingeis; CONICET) - Le Roux, Petrus (Department of Geological Sciences, University of Cape Town) - Santana, Francisca (Pontificia Universidad Católica de Chile) - Lucero, Gustavo (Facultad de Ciencias Sociales y Humanidades, Universidad Católica de Temuco) - Cardillo, Marcelo (CONICET; Facultad de Filosofía y Letras, University of Buenos Aires) - Luisi, Pierre (CONICET; Institut Pasteur) - Rascovan, Nicolas (Institut Pasteur, Unit of Microbial Paleogenomics)

15:30 THE GOTHIC TRIBES OF EAST-CENTRAL EUROPE THROUGH THE LENS OF ARCHAEOGENOMIC DATA.

Chylenski, Maciej (Institute of Human Biology and Evolution, Adam Mickiewicz University, Poznań) - Juras, Anna (Institute of Human Biology and Evolution, Adam Mickiewicz University, Poznań) - Ehler, Edvard (Laboratory of Genomics and Bioinformatics, Institute of Molecular Genetics of the Ascr)

15:45 DISCUSSION SLOT

- 16:30 **RESIDENTIAL MOBILITY IN EARLY NEOLITHIC BRITAIN: NEW EVIDENCE FROM STABLE SULPHUR ISOTOPE ANALYSIS**  
Ostrum, Brett (Department of Archaeology, Durham University) - Gröcke, Darren (Department of Earth Sciences, Durham University) - Scarre, Chris (Department of Archaeology, Durham University) - Fowler, Chris (School of History, Classics and Archaeology, Newcastle University) - Montgomery, Janet (Department of Archaeology, Durham University)
- 16:45 **THE NOAIDI OF KITKA - THE LIFE OF A 16TH-CENTURY SÁMI RITUAL SPECIALIST FROM NORTHERN FINLAND**  
Peltola, Sanni (Faculty of Biological and Environmental Sciences, University of Helsinki; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Biology, University of Turku) - Moilanen, Ulla (Department of Archaeology, University of Turku) - Salmela, Elina (Department of Biology, University of Turku; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Majander, Kerttu (Department of Evolutionary Anthropology, University of Vienna) - Arppe, Laura (Finnish Museum of Natural History, University of Helsinki) - Oinonen, Markku (Finnish Museum of Natural History, University of Helsinki) - Sarkkinen, Mika (Department of Archaeology, University of Turku) - Sajantila, Antti (Department of Forensic Medicine, University of Helsinki) - Taavitsainen, Jussi-Pekka (Department of Archaeology, University of Turku) - Onkamo, Päivi (Department of Biology, University of Turku)
- 17:00 **DECIPHERING MOVEMENTS WITHIN AN ISLAND: TRACING MOBILITY PATTERNS AT MENORCA'S BRONZE AGE THROUGH OXYGEN ISOTOPE ANALYSES IN DOMESTICATED ANIMALS.**  
Marciales, Mauricio (University of Tübingen) - Diaz-Zorita Bonilla, Marta (University of Tübingen) - Timm, Monice (University of Tübingen) - Escudero Carrillo, Javier (University of Tübingen) - Ramis, Damià (Museu de Menorca) - Ferrer, Antoni (Institut Menorquí d'Estudis. Maó. Balearic Islands) - Leon, Maria (Museu de Ciutadella) - Baten, Jörg (University of Tübingen)
- 17:15 **INVESTIGATING ANIMAL MOBILITY IN THE ROMAN WORLD. A GEOMETRIC MORPHOMETRIC STUDY OF FAUNAL REMAINS FROM NORTH-EASTERN IBERIAN AND ITALIAN PENINSULAS.**  
Strolin, Laura (Institut Català d'Arqueologia Clàssica, ICAC) - Colominas, Lúcia (Institut Català d'Arqueologia Clàssica, ICAC) - Petrucci, Gabriella (Free Researcher)

- 17:30 **UNRAVELLING HUMAN IDENTITIES THROUGH STABLE ISOTOPES: EXEMPLIFIED FROM IDENTIFICATION OF AJNALA SKELETAL REMAINS OF 1857**  
Sehrawat, Jagmahender (Panjab University)
- 17:45 **NEW GENOMIC DATA ILLUMINATE COMMUNITY ORGANIZATION AND MOBILITY IN THE LATE NEOLITHIC AND EARLY COPPER AGE CARPATHIAN BASIN**  
Szecsenyi-Nagy, Anna (Hun-Res Hungarian Research Network, Research Centre for the Humanities, Institute of Archaeogenomics) - Anders, Alexandra (ELTE Eötvös Loránd University, Institute of Archaeological Sciences) - Raczyk, Pál (ELTE Eötvös Loránd University, Institute of Archaeological Sciences) - Virag, Cristian (Satu Mare County Museum, Romania) - Hajdu, Tamás (ELTE Eötvös Loránd University, Department of Biological Anthropology) - Szeniczey, Tamás (ELTE Eötvös Loránd University, Department of Biological Anthropology) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University, Cambridge; Howard Hughes Medical Institute, Boston; Broad Institute of MIT and Harvard, Cambridge) - Siklósi, Zsuzsanna (ELTE Eötvös Loránd University, Institute of Archaeological Sciences, MTA-ELTE Lendület "Momentum" Innovation Research Group)
- 18:00 **DISCUSSION SLOT**

### 915 **3D HERITAGE. DIGITAL HUMANITIES FOR DOCUMENTATION, ANALYSIS, AND DISSEMINATION OF MATERIAL CULTURE**

**Room:** 51=CU006-FLG-Aula II

**Time:** 8:30 - 16:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Rouco Collazo, Jorge (Institute of Heritage Sciences (Spanish National Research Council) - Maldonado Ruiz, Alexis (University of Leiden) - Carrero Pazos, Miguel (University of Santiago de Compostela)

### ABSTRACTS

8:30 **INTRODUCTION**

8:45 **ANALYZING SYMMETRY IN ACHEULEAN HANDAXES: A TECHNOLOGICAL AND GEOMORPHOLOGICAL APPROACH**

Rosolani, Erica (International Master in Quaternary and Prehistory) - Ollé, Andreu (Institut Català de Paleocologia Humana i Evolució)

- Social - Iphes; Departament d'Història de L'Art, Universitat Rovira i Virgili) - Arzarello, Marta (Sezione di Scienze Preistoriche e Antropologiche Dipartimento di Studi Umanistici Università degli Studi di Ferrara) - García Medrano, Paula (UMR 7194 Département Homme et Environment, Museum National d'Histoire Naturelle, Paris, France; Department Britain, Europe and Prehistory, British Museum, London, United Kingdom; Insitut Català de Paleocologia Humana i Evolució Social - Iphes; Departament d'Història de L'Art, Universitat Rovira i Virgili)
- 9:00 **DIGITAL PHOTOGRAMMETRY IN SERVICE OF UNDERWATER ARCHAEOLOGY: CASE STUDIES FROM THE BULGARIAN BLACK SEA**  
Georgiev, Pavel (Centre for Underwater Archaeology, Bg; Centre for Maritime Archaeology, UK)
- 9:15 **UNCOVERING LOST DETAILS: ENHANCING ANCIENT INSCRIPTIONS THROUGH COMPUTER VISION AND DEEP LEARNING**  
Aioanei, Andrei (Strasbourg University) - Manz, Marian (University of Basel) - Hunziker-Rodewand, Regine (University of Strasbourg) - Fornaro, Peter (University of Basel)
- 9:30 **UNVEILING THE PAST: EXPLORING THE EPONIMOUS SITE OF CUCUTENI CULTURE THROUGH 3D DOCUMENTATION AND PUBLIC ARCHAEOLOGY**  
Brunchi, Radu - Asandulesei, Andrei - Tencariu, Felix-Adrian - Brasoveanu, Casandra (Alexandru Ioan Cuza University, Arheoinvest)
- 9:45 **VIRTUAL ARCHAEOLOGY AS A METHOD OF PROMOTING THE PHOENICIAN-PUNIC HERITAGE OF THE BAY OF CADIZ (SW, SPAIN).**  
Sicre-González, Pablo (Universidad de Cádiz)
- 10:00 **LET THERE BE LIGHT. 3D DOCUMENTATION AND VISUALIZATION OF STEĆCI TOMBSTONES: A COMPARISON BETWEEN DIGITIZATION USING PHOTOGRAMMETRY AND STRUCTURED LIGHT**  
Škerjanec, Luka (Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Anthropological and Spatial Studies)
- 10:15 **DISCUSSION SLOT**
- 11:00 **EVOLVING PRACTICES IN EXCAVATION METHODOLOGY: 3D ANALYSIS OF A SLAVIC CREMATION BURIAL MOUND.**  
Stepnik, Jakub (University of Warsaw)
- 11:15 **AUGMENTED REALITY APPLIED TO THE SILVER WAY AND ITS POWER DYNAMICS IN LATE ANTIQUITY AND EARLY MEDIEVAL TIMES**  
Barja-Márquez, Carlos (University of Vigo)

- 11:30 **OSTEOGRAMMETRY: APPLICATIONS FOR SFM MODELING IN BIOARCHEOLOGY AT SAN DONATO DI LAMON**  
Vail, Alexander (Northwestern University) - Fiorin, Elena (Sapienza Università di Roma) - Forlin, Paolo (Università di Bologna; Northwestern University)
- 11:45 **POINT CLOUDS AND CULTURAL LANDSCAPES: METHODOLOGY AND PROBLEMS OF 3D TECHNOLOGIES IN EARLY MEDIEVAL CONTEXTS.**  
Gallego-Garcia, Mar (Universidad de Alcalá) - Diarte-Blasco, Pilar (Instituto de Historia. Consejo Superior de Investigaciones Científicas (IH-CSIC) - Castro-Priego, Manuel (Universidad de Alcalá)
- 12:00 **SUB-MILLIMETRIC SFM 3D SCANNING OF MEDIEVAL ARCHITECTURE: PHOTOGRAMMETRIC DIGITAL TWIN OF THE DURHAM NORMAN CHAPEL FOR CONSERVATION AND HERITAGE MANAGEMENT**  
Jansen, Alexander (Durham University, Department of Archaeology) - Rennie, Gillian (Durham University; University Library and Collections, Durham University; University College, Durham University)
- 12:15 **FLYING CASTLES. SFM PHOTOGRAMMETRY FOR THE DOCUMENTATION, ANALYSIS, AND DISSEMINATION OF THE MEDIEVAL CASTLES OF THE ALPUJARRA (GRANADA-ALMERÍA, SPAIN)**  
Rouco Collazo, Jorge (Incipit)
- 12:30 **THE USE OF DIGITAL TECHNIQUES FOR AN INTERDISCIPLINARY ANALYSIS OF URBAN TRANSFORMATION: THE NORTHERN NEIGHBORHOOD OF ALULA OLD TOWN (SAUDIARABIA)**  
Torre Guibert, Manon (Archaïos) - Soubira, Thomas (Archaïos; Laboratoire TRACES UMR5608) - Quentinet, Colin (Archaïos) - Lesaicherre, Anaëlle (Archaïos) - Vernet, Apolline (Archaïos; Laboratoire Orient et Méditerranée UMR8167)
- 12:45 **DISCUSSION SLOT**
- 14:00 **UNVEILING SOUTHAMPTON'S PAST: DIGITAL NARRATIVES, AUGMENTED REALITY, AND COMMUNITY ENGAGEMENT FOR ACCESSIBLE PRESERVATION**  
Pedrotti, Felix (Southampton Marine and Maritime Institute, University of Southampton) - Grant, Michael (Ocean and Earth Science, University of Southampton) - Strutt, Kristian (Department of Archaeology, University of Southampton) - Cooper, Neil (Department of Archaeology, University of Southampton)

- 14:15 **THE ACCESSIBLE PAST. VIRTUAL MUSEUM OF THE ANCIENT SPEZIERIA OF SANTA MARIA DELLA SCALA, ROME**  
Vázquez de Ágredos Pascual, María Luisa (Universitat de València) - Muñoz Cosme, Gaspar (Universitat Politècnica de València) - Vidal Lorenzo, Cristina (Universitat de València) - García López de Andújar, Vanesa (Universitat de València) - Horcajada Campos, Patricia (Universidad Complutense de Madrid) - Durá Martínez, Esther (Universitat de València) - Tardi, Simona (Universitat de València) - Martínez García, María Julia (Independent Scholar)
- 14:30 **CASTELO D'ARROXO. A DIGITAL AND MORE INCLUSIVE PERSPECTIVE OF A MODERN AGE FORTIFICATION AT AS FIGUEIRAS (CASTROPOL, ASTURIAS)**  
Maldonado Ruiz, Alexis (University of Santiago de Compostela; Universiteit Leiden) - Busto Zapico, Miguel (University of Granada) - Lara Piñera, Francisco (Universidad Nacional de Educación a Distancia)
- 14:45 **VISUALISING HERITAGE: USING DIGITAL TWIN TECHNOLOGIES FOR CONSERVATION, REGENERATION AND OUTREACH**  
Wilson, Andrew - Sparrow, Thomas - Moore, Joe - Gaffney, Christopher - Croucher, Karina (University of Bradford) - Ichumbaki, Elgidius (University of Dar Es Salaam) - Bates, Richard (St Andrews University) - Becker, Katharina (University College Cork) - Evans, Adrian (University of Bradford) - Booker, Olivia (St Andrews University)
- 15:00 **A REFERENCE DOCUMENT FOR THE STUDY OF 19TH CENTURY NAVAL ARCHAEOLOGY**  
Silveira Martins, Adolfo António (C.E.U.-Cooperativa de Ensino Universitário; Universidade Autònoma de Lisboa) - Rodrigues Pereira, José (Portuguese Navy. Retired) - Martins, Adolfo (História, Territórios e Comunidades. CFE. Universidade de Coimbra)
- 15:15 **DISCUSSION SLOT**

**923 METALS AND METALWORKING I: COMPOSITIONS AND ORIGIN**

- Room:** 46=CU013-FL2-Rasetti  
**Time:** 14:00 - 18:30  
**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps  
**Format:** Regular session  
**Organisers:** Noergaard, Heide (Moesgaard Museum, Department of Archaeology) - Wärmländer, Sebastian (Stockholm University, Department of Archaeology and Classical Studies) - Neiß, Michael (Lund University, Department of Archaeology and Ancient History) - Kmošek, Matěj (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Saage, Ragnar (University of Tartu)

**ABSTRACTS**

- 14:00 **NORTHERN NEOLITHIC COPPER: SOURCES AND CONNECTIONS.**  
Gebauer, Anne Birgitte (Independent Researcher)
- 14:15 **PROJECT UŠKIANI: THE IMPORTANCE OF ARMENIAN GOLD FOR BRONZE AGE CAUCASIA**  
Kunze, Rene (Seminar for Oriental Archaeology and Art History, Martin-Luther-University Halle-Wittenberg) - Bobokhyan, Arsen (Institute for Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia, Yerevan) - Meliksetian, Khachatur (Institute for Geological Sciences, National Academy of Sciences of the Republic of Armenia, Yerevan)
- 14:30 **THE TRAPEZOID BLADE CONNECTION: GIVING SHAPE TO THE NORDIC BRONZE AGE AND ITS CONNECTIVITY THROUGH A MULTI-PROXY APPROACH**  
Cornelis, Bart (Curt-Engelhorn-Zentrum Archäometrie) - Wittke, Andreas (Curt-Engelhorn-Zentrum Archäometrie) - Berger, Daniel (Curt-Engelhorn-Zentrum Archäometrie)
- 14:45 **DISCUSSION SLOT**
- 15:00 **REVISITING THE BRONZE ARTIFACTS EXCAVATED BY THE FRENCH EXPEDITION AT ENKOMI**  
Grabar, Edi (Department of History and Archaeology, University of Cyprus) - Pappasavvas, George (Department of History and Archaeology, University of Cyprus) - Charalambous, Andreas (Department of History and Archaeology, University of Cyprus)

- 15:15 FROM CYPRUS TO SWITZERLAND? ANALYTICAL EVIDENCE FOR CYPRIOT AND ALPINE COPPER IN THE MIDDLE BRONZE AGE SETTLEMENT OF MÖRIKEN  
Berger, Daniel (Curt-Engelhorn-Zentrum Archäometrie Mannheim)  
- Höpfer, Benjamin (Archaeological Service, Canton Aargau) - Maise, Christian (Archaeological Service, Canton Aargau)
- 15:30 VIKSØ HELMETS REVISITED: LOCALLY MADE OR IMPORTED FROM THE SOUTH?  
Noergaard, Heide (Moesgaard Museum, Department of Archaeology)
- 15:45 DISCUSSION SLOT
- 16:30 INVESTIGATIONS INTO THE DISTRIBUTION NETWORK OF RAW AND WORKED COPPER(-ALLOYS) DURING THE FIRST AND SECOND IRON AGE  
Schmidt, Jonathan (Goethe-Universität Frankfurt)
- 16:45 INTEGRATED ARCHAEOMETRIC INVESTIGATION OF CELTIC BIPYRAMIDAL INGOTS FROM THE SCHIFFERSTADT DEPOT (SOUTHWESTERN GERMANY): PROVENANCE, TECHNOLOGY AND AGE DETERMINATION.  
Stepanov, Ivan - Brauns, Michael - Wintel, Johannes - Friedrich, Ronny (Curt-Engelhorn-Zentrum Archäometrie Gmbh) - Marquart, Markus (Museen Der Stadt Aschaffenburg, Aschaffenburg)
- 17:00 PROVENANCE STUDY ON BRONZE COINS MINTED AT VELIA, ITALY: THE ISSUES ZEUS/OWL AND ATHENA/OWL  
Ercoles, Isabella (Dip. Scienze della Terra, Università la Sapienza di Roma; CHNET, Rete Per I Beni Culturali Dell'Istituto Nazionale Fisica Nucleare INFN, Laboratorio Nazionale del Gran Sasso ) - Castorina, Francesca (IGAG, Istituto di Geologia Ambientale e Geoingegneria del CNR, Sezione di Roma "La Sapienza"; Dip. Scienze della Terra, Università la Sapienza di Roma) - Nisi, Stefano (CHNET, Rete Per I Beni Culturali Dell'Istituto Nazionale Fisica Nucleare INFN, Laboratorio Nazionale del Gran Sasso ) - Carbone, Federico (Università degli Studi di Salerno, DISPAC) - Trincerini, Pier Renato (LIMS, LNGS, INFN)
- 17:15 DISCUSSION SLOT
- 17:30 COMPOSITION OF GOLD OF THE JEWELLERY OF THE NORTH PONTIC AREA (7TH CENTURY BC - 2ND CENTURY AD).  
Velychko, Yevheniia (National Museum of the History of Ukraine)
- 17:45 TO SAMPLE A COUNTRY: IRON PROVENANCING STRATEGY IN ESTONIA  
Saage, Ragnar (University of Tartu)
- 18:00 ROMAN OR RENAISSANCE? A METALLURGICAL INVESTIGATION OF A FOLDING KNIFE WITH A PUZZLING ICONOGRAPHY.  
Søndergaard, Louise (Museum Skanderborg)

- 18:15 DISCUSSION SLOT

## 926 BRIDGING PAST AND PRESENT: EXPLORING COLLABORATIVE APPROACHES IN COMMUNITY AND CITIZEN ARCHAEOLOGY

**Room:** 17=CU003-FL3-Romeo

**Time:** 14:00 - 18:30

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Vandevelde, Ségolène (UMR8212 LSCE (Laboratoire des Sciences Du Climat et de l'Environnement, Paris Saclay, France; Université Du Québec À Chicoutimi, Qc, Canada; Université de Sherbrooke, Qc, Canada) - Sanna Montanelli, Mattia (University of Cagliari) - Plourde, Noémie (Université du Québec à Chicoutimi, QC, Canada ) - Pinna, Fabio (University of Cagliari)

## ABSTRACTS

- 14:00 INTRODUCTION

14:15 BUILDING A EUROPEAN CITIZEN ARCHAEOLOGY: KNOTS TO UNRAVEL AND POTENTIAL STARTING FROM THE ITALIAN CASE  
Pinna, Fabio (University of Cagliari) - Sanna Montanelli, Mattia (University of Cagliari)

14:30 AN EXPERIMENTAL COMMUNITY-BASED ARCHAEOLOGICAL PROJECT IN NORTHERN-GREECE  
Zorzin, Nicolas (National Cheng Kung University (Taiwan; Paris 1 Panthéon-Sorbonne, UMR 8215 Trajectoires) - Shackell, Graham (Goldsmiths College University of London)

- 14:45 DISCUSSION SLOT

15:00 LANDSCAPE OF THE FOLKTALES: TOOLS FOR PARTICIPATORY ARCHAEOLOGY IN THE MONTI LUCRETILI AREA.  
Rossi, Matteo (Università degli Studi di Roma „Tor Vergata“) - Bottoni, Margherita (Università degli Studi Roma Tre)

15:15 DISCOVERING THE PAST TO OPEN THE WAY TO RECONCILIATION WITH THE FIRST NATIONS  
Plourde, Noémie (Uqac)

- 15:30 **CINEMA, TOURISM AND ARCHAEOLOGY, THE CURSED ALLIANCE? IF YOU CAN'T BEAT THEM, JOIN THEM!**  
Langevin, Erik - Alexandre, Dubé (Université du Québec À Chicoutimi)
- 15:45 **DISCUSSION SLOT**
- 16:30 **HEALING ARCHAEOLOGY BETWEEN CITIZEN SCIENCE AND WELL-BEING**  
Megale, Carolina (Museo Archeologico di Rosignano M.Mo; Fondazione Aglaià) - Fusi, Martina - Grella, Marika (Past in Progress Srl)
- 16:45 **CIPAMUR PROJECT: INNOVATING FROM COMMUNITY PROCESSES AND NETWORKING IN CULTURAL HERITAGE AND MUSEUMS FOR THE LATIN CONTEXT**  
Castillo, Alicia (Departamento de Prehistoria, Historia Antigua y Arqueología. Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid) - Menéndez, Sonia (Gabinete de Arqueología. Oficina del Historiador de la Habana. Cuba) - Reynoso, Citlalli (Instituto de Ciencias Sociales y Humanidades „Alfonso Vélaz Pliego“. Benemérita Universidad Autónoma de Puebla) - Corpas, Nekbet - Pastor, Ana - Segovia, Constanza (Grupo de Investigación Gestión del Patrimonio Cultural. Universidad Complutense de Madrid)
- 17:00 **EMPOWERMENT AND CONTROVERSY: GENDER PERSPECTIVES IN ARCHAEOLOGY**  
Algrain, Isabelle (Université Libre de Bruxelles)
- 17:15 **DISCUSSION SLOT**
- 17:30 **CONTEMPORARY HERITAGE AND ARCHAEOLOGICAL APPROACHES - OPPORTUNITIES AND BARRIERS FOR COLLABORATION**  
Benetti, Francesca (Independent Researcher)
- 17:45 **THE APPROACHES OF COMMUNITY PARTICIPATION IN INDUSTRIAL HERITAGE: A CASE STUDY OF WANGSHIAO INDUSTRIAL HERITAGE SITE, CHINA**  
Mu, Aijia (The University of Oulu)
- 18:00 **DISCUSSION SLOT**

## 927 REFLECTING HISTORY IN ARCHITECTURE AND VERNACULAR DESIGN? DIRECTING SUSTAINABLE FUTURES

- Room:** 60=CU022-EXT-Serra  
**Time:** 11:00 - 13:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Teräväinen, Helena (Aalto University) - Rönn, Magnus (Chalmers University)

### ABSTRACTS

- 11:00 **THE GREEK ARCHIPELAGO'S ARCHITECTURAL FORMS OF SUSTAINABILITY : FROM TRADITION TO FUTURE.**  
Kouzelis, Athanasios (Chalmers Univ. of Technology; Univ. of West Attica)
- 11:15 **VERNACULAR ARCHITECTURE IN THE NAVIA RIVER BASIN (ASTURIAS, SPAIN). A BUILT LANDSCAPE IN A RURAL MOUNTAIN AREA.**  
Rodríguez-Pérez, Santiago (Universidad de Oviedo)
- 11:30 **WOODEN FACADES IN FRANCE AND SCANDINAVIA REVEAL THE ROLE OF TRADITIONAL PRACTICES IN REGENERATIVE ARCHITECTURE**  
Brun, Géraldine (Göteborgs Universitet)
- 11:45 **THE HERITAGIZATION OF DIFFERENT BUILDING TYPES IN A FINNISH RURAL TOWN**  
Teräväinen, Helena (Aalto University)
- 12:00 **„EXPERIMENTING WITH SCENARIOS AS TOOLS FOR ANALYZING CONFLICTING IDEAS IN BUILDING CONSERVATION.**  
A Scenario Exercise on Ideas of John Dewey“  
Östman, Leif (Novia)
- 12:15 **DECORATING HOMES WITH CRUDE CONSTRUCTIONS: EXCAVATIONS AS A FORM OF HOME REPAIR**  
Kalakoski, Iida (Tampere University) - Sirén, Riina (Tampere University)
- 12:30 **ARCHITECTURAL SCANDALS IN GOTHENBURG: PROFESSION AND POLITICS COMPETING IN AREAS OF NATIONAL IMPORTANCE IN CULTURAL HERITAGE POLICY**  
Rönn, Magnus (Chalmers University of Technology; Kulturlandskapet)
- 12:45 **DISCUSSION SLOT**

## 929 ?WHAT IS THE VILLAGE?? REGIONAL COMPARISON OF EARLY EUROPEAN AND NEAR EASTERN PREHISTORIC VILLAGES

**Room:** 43=CU013-FL1-Careri

**Time:** 8:30 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Session with keynote presentation and discussion

**Organisers:** Marciniak, Arkadiusz (Adam Mickiewicz University) - Kuijt, Ian (University of Notre Dame)

### ABSTRACTS

8:30 INTRODUCTION

8:45 NEOLITHIC FARMING AND „THE VILLAGE“: INSIGHTS FROM WESTERN ASIA AND SOUTH-EAST EUROPE  
Bogaard, Amy (School of Archaeology, University of Oxford; Santa Fe Institute, USA)

9:00 THE DEATH OF THE NEOLITHIC VILLAGE: ÇATALHÖYÜK AFTER AN ABRUPT DEMISE OF THE INCIPIENT NEOLITHIC LIFE  
Marciniak, Arkadiusz (Adam Mickiewicz University)

9:15 ASINGERAN, THE SOCIO-ECONOMIC TRANSFORMATION OF A CHALCOLITHIC RURAL (?) COMMUNITY IN THE PLAIN OF NAVKUR.  
Iamoni, Marco (University of Udine)

9:30 KOVAČEVO AND THE OLDEST NEOLITHIC VILLAGES IN THE BALKANS  
Demoule, Jean Paul (Université de Paris I Panthéon - Sorbonne)

9:45 OVERGROWN VILLAGES OR PROTO-URBAN CENTRES? MODELLING THE DEMOGRAPHIC GROWTH OF A TRYPILLIAN MEGA-SITE  
Kiosak, Dmytro (Odesa I.I. Mechnikov National University; Gpr Human Past, Ubm, U-Bordeaux)

10:00 'THE TRYPILLIA MEGASITES WERE NOT VILLAGES!: WHAT NON-VILLAGES CAN DO TO INFORM VILLAGES.'  
Gaydarska, Bissierka (Historic England) - Chapman, John (Durham University)

10:15 DISCUSSION SLOT

11:00 UNSTRUCTURED VILLAGES? SETTLEMENT ORGANIZATION IN NEOLITHIC AND ENEOLITHIC SITES OF THE NORTHWESTERN CARPATHIAN BASIN  
Wunderlich, Maria (Institute of Pre- and Protohistoric Archaeology, University Kiel)

11:15 VILLAGE VIBES IN LONGHOUSES? SETTLEMENT STRUCTURE OF THE LBK IN LESSER POLAND AND KUJAVIA

Pyzel, Joanna (Maria Curie-Skłodowska University in Lublin) - Czerniak, Lech (University of Gdańsk)

11:30 SCALAR STRESS AND SOCIAL NETWORKS IN NEOLITHIC VILLAGES

Kuijt, Ian (Univ. of Notre Dame)

11:45 DISCUSSION SLOT

## 930 BARBARIANS AT THE GATE OR BEHIND THE GATES? THE COLLISION OF THE MATERIAL CULTURES OF THE INVADER AND THE INVADDED

**Room:** 60=CU022-EXT-Serra

**Time:** 8:30 - 10:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Miller Bonney, Emily (California State University Fullerton) - Prew, George (National Museums Scotland)

### ABSTRACTS

8:30 WORKING AT THE BOUNDARIES: ROLE OF CELTIC ART IN NAVIGATING SOCIAL CHANGE DURING AND AFTER THE ROMAN CONQUEST OF BRITAIN  
Joy, Jody (Museum of Archaeology and Anthropology; University of Cambridge)

8:45 'BARBARIAN' ART IN A 'ROMAN' PLACE: THE 'CULTS OF THE HEAD?' PROJECT  
Ellis-Haken, Rebecca (University of York) - Armit, Ian (University of York)

9:00 RELIGION AS AN INVADING FORCE: THE CASE OF ROMAN MERCENARIES IN EGYPT  
Ringheim, Hannah (ETH Zurich)

9:15 "THEY TURN UP IN THE STRANGEST PLACES..." NEW NARRATIVES OF THE ROMAN CONQUEST IN SCOTLAND THROUGH CHANCE FINDS  
Prew, George (National Museums Scotland)

9:30 CRAFTING TRADITION? MAINTAINING OR CREATING TRADITION IN OCCUPIED LAND, A VIEW FROM ANCIENT BRITAIN.  
Adams, Sophia (British Museum)

9:45 793 AND 1493: COMPARING COLONIAL DISCOURSES OF 'DISAPPEARANCE'  
Maldonado, Adrián (National Museums Scotland)



10:00 LOCAL RESISTANCE THROUGH MORTUARY ARCHITECTURAL TRADITIONALISM TO A SOFT INVASION ON BRONZE AGE CRETE  
Miller Bonney, Emily (California State University Fullerton)

10:15 DISCUSSION SLOT

### 932 CONTINUITY AND CHANGE IN THE WAGONS AND CHARIOTS OF LATER PREHISTORIC EUROPE AND EURASIA

**Room:** 103=CNR01-FL1-Marconi

**Time:** 16:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Reinhold, Sabine (German Archaeological Institute) - Ginoux, Nathalie-Cécile (Sorbonne Université; Centre André Chastel (UMR 8150)) - Vardanyan, Benik (Institute of Archaeology and Ethnography Nas Ra; History Museum of Armenia) - Giles, Melanie (University of Manchester)

#### ABSTRACTS

16:30 BRONZE AGE WHEELED VEHICLES OF THE CAUCASUS AND BEYOND - AN INTRODUCTION  
Reinhold, Sabine (German Archaeological Institute)

16:45 WEALTHY TOMBS WITH WAGONS FROM BRONZE AGE GONUR (TURKMENISTAN)  
Teufer, Mike (German Archeological Institute, Eurasia-Department)

17:00 THE DYNAMICS OF SOCIAL ELITES AND WHEELED VEHICLES IN LATE BRONZE AGE ARMENIA: INSIGHTS FROM THE ARCHAEOLOGICAL SITE OF LCHASHEN  
Vardanyan, Benik (Institute of Archaeology and Ethnography; History Museum of Armenia)

17:15 CHARIOT REPRESENTATIONS ON BRONZE BELTS ICONOGRAPHY FROM THE SOUTH CAUCASUS  
Manukyan, Sona (Freie Universität Berlin; Bergsas - Berliner Antike-Kolleg)

17:30 THE FINAL JOURNEY. CHARIOTEERS AND CHARIOT OWNERS IN IRON AGE TEMPERATE EUROPE.  
Anthoons, Greta (Independent Researcher)

17:45 THE TROMPGÅRD BURIAL. -NEW TRENDS IN BURIALS OF FOUR-WHEELED WAGONS, SOUTHWEST SCANDINAVIAN ROMAN IRON AGE, 1ST TO 3RD CENTURY CE.  
Jepsen, Jeppe (Museum Nordsjælland)

18:00 ASSEMBLAGES OF POWER: LATER PREHISTORIC AND EARLY ROMAN WHEELED VEHICLE DEPOSITS IN BRITAIN  
Giles, Melanie (University of Manchester) - Adams, Sophia (The British Museum) - Moore, Tom (University of Durham)

18:15 DISCUSSION SLOT

### 950 TRADE IN METALS FROM THE BRONZE AGE TILL EARLY MODERN TIMES BETWEEN THE CARPATHIAN BASIN AND THE NORTHERN ADRIATIC

**Room:** 7=CU003-FL1-Aula II

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Kiss, Viktória (Institute of Archaeology, Research Centre for the Humanities, Budapest) - Romhányi, Beatrix (Medieval Studies Department, Károli Gáspár Calvinist University) - Cavazzuti, Claudio (Prehistory & Protohistory Dept., University of Bologna) - Angelini, Ivana (Dep. of Cultural Heritage, University of Padua)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 LINKING DISTANT REGIONS: THE STUDY OF TRADE NETWORKS AND TRADE GOODS IN A DIACHRONIC PERSPECTIVE  
F. Romhányi, Beatrix (Károli Gáspár University of the Reformed Church)

14:30 DIFFUSION OF SOUTHEASTERN ALPINE COPPER IN ITALY FROM THE CHALCOLITHIC TO THE BRONZE AGE  
Angelini, Ivana (Department of Cultural Heritage, University of Padua)

14:45 TRADE, METALS AND POPULATION MOVEMENTS  
Kiss, Viktória (Institute of Archaeology Hun-Res Research Centre for the Humanities)

15:00 BRONZE PRODUCTION AND DISTRIBUTION IN EARLY BRONZE AGE FORTIFIED SETTLEMENTS OF EASTERN SLOVAKIA  
Oravkinová, Dominika (Institute of Archaeology of Slovak Academy of Sciences) - Števkó, Martin (Earth Science Institute of Slovak Academy of Sciences) - Villa, Igor (Institute of Geological Sciences, University of Bern) - Zachar, Tomáš (Archaeological Heritage Office of Saxo-

ny) - Furmánek, Václav (Institute of Archaeology of Slovak Academy of Sciences) - Olexa, Ladislav (Slovak Archaeological and Historical Institute) - Olšav, Štefan (Institute of Archaeology of Slovak Academy of Sciences)

15:15 **CIRCULATION OF METALS AND MODELS ALONG THE PERSISTENT CORRIDOR BETWEEN THE DANUBE AND PO RIVER VALLEYS DURING THE BRONZE AGE**  
Cavazzuti, Claudio (University of Bologna) - Kiss, Viktória (Hungarian Academy of Science) - Cattani, Maurizio (University of Bologna) - Lugli, Federico (University of Modena and Reggio Emilia) - Cipriani, Anna (University of Modena and Reggio Emilia)

15:30 **MIDDLE AND LATE BRONZE AGE COPPER EXCHANGE NETWORKS BETWEEN ITALY, THE EASTERN ALPS AND THE BALKANS.**  
Arena, Alberta (Österreichische Akademie Der Wissenschaften) - Gavranović, Mario (Österreichische Akademie Der Wissenschaften) - Mehofer, Mathias (Universität Wien) - Mittermair, Nicole (Österreichische Akademie Der Wissenschaften)

15:45 **DISCUSSION SLOT**

16:30 **PIXE EXAMINATIONS OF TUMULUS CULTURE BRONZE OBJECTS FROM THE SZEGED AREA (SOUTHERN GREAT HUNGARIAN PLAIN)**  
Sánta, Gábor (Independent) - Šmit, Žiga (Faculty of Mathematics and Physics, University of Ljubljana, Ljubljana, Slovenia; Jožef Stefan Institute, Ljubljana, Slovenia)

16:45 **THE (RE) DISCOVERY OF THE VETRIOLO BRONZE AGE MINING AREA (TRENTINO, ITALY): ARCHAEOLOGICAL AND ARCHAOMETRIC DATA**  
Silvestri, Elena (Archaeological Heritage Office, Strategic Mission Unit Superintendence for Cultural Heritage and Activities, Autonomous Province of Trento) - Abar, Aydin (Division of Mining and Resource Archaeology, Department of Archaeologies, University of Innsbruck, Austria) - Bellintani, Paolo (Archaeological Heritage Office, Strategic Mission Unit Superintendence for Cultural Heritage and Activities, Autonomous Province of Trento) - Angelini, Ivana (Department of Cultural Heritage, University of Padua) - Artioli, Gilberto (Department of Geoscience, University of Padua) - Lucarelli, Chiara (Department of Geoscience, University of Padua)

17:00 **SILVER- AND COPPER-INLAYED BELT GARNITURES OF THE 6TH-7TH CENTURIES AD AND THEIR SPREAD AROUND THE ALPS**  
Samu, Levente (Eötvös Loránd University Budapest) - Koch, Ursula (Curt-Engelhorn-Zentrum Kulturgeschichte an Reiss-Engelhorn-Mu-

seen Mannheim) - Daim, Falko (Department of Prehistoric and Historical Archaeology, University of Vienna)

17:15 **THE COPPER OF THE AVARS: ON THE PROBLEM OF EARLY MEDIEVAL METAL RESOURCES IN EAST-CENTRAL-EUROPE**

Mozgai, Viktória (Hun-Ren Rcaes Institute for Geological and Geochemical Research) - Villa, Igor (Institute of Geology, Bern University) - Bajnóczy, Bernadett (Hun-Ren Rcaes Institute for Geological and Geochemical Research) - Szenthe, Gergely (Hungarian National Museum)

17:30 **DISCUSSION SLOT**

**957 DESTROYED, SUBMERGED, AND UNREACHABLE: THE CHALLENGING INTERPRETATION OF HUMAN STRATEGIES ACROSS LOST LANDSCAPES**

**Room:** 62=CU022-EXT-Aula E

**Time:** 14:00 - 16:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Gomes de Almeida, Miguel (Dryas / Octopetala) - Aubry, Thierry (Fcp - Fundação Côa Parque)

## ABSTRACTS

14:00 **INTRODUCTION**

14:15 **AN UNEXPECTED TURN OF (MIDDLE!?) PALAEOLITHIC EVENTS: PICÕES DOS GRILOS 4**

Aubry, Thierry (Fundação Côa Parque; UNIARQ - Centro de Arqueologia da Universidade de Lisboa) - Almeida, Miguel (Morph / Grupo Dryas; UNIARQ - Centro de Arqueologia da Universidade de Lisboa) - Aires, Sílvia (Fundação Côa Parque) - Luís, Luís (Fundação Côa Parque; UNIARQ - Centro de Arqueologia da Universidade de Lisboa) - Silvestre, Marcelo (Fundação Côa Parque) - Ramos, Patrícia (CITCEM, Centro de Investigação Transdisciplinar „Cultura, Espaço e Memória „) - Ferreira, André (Morph / Grupo Dryas)

14:30 **SOMEWHERE BEYOND THE SEA SEARCHING FOR MORE AHRENSBURGIAN**  
Grimm, Sonja (Leibniz Zentrum für Archäologie, Leiza-Zbsa)

14:45 ANTHRACOLOGICAL EVIDENCE ON LOST WOODLANDS OF THE CURONIAN SPIT AND ITS IMPLICATIONS ON NEOLITHIC SITES, PALEOENVIRONMENT AND THE SPIT FORMATION.

Peseckas, Kestutis (Nature Research Centre (Vilnius, Lithuania) - Pilkauskas, Mindaugas (Lithuanian Institute of History) - Piličiauskas, Gytis (Lithuanian Institute of History)

15:00 NEUENWALDE – A SANDY SLOPE AND CHANGING WETLANDS IN NORTHERN GERMANY

Mahlstedt, Svea (Lower Saxonian Institute for Historical Coastal Research) - Siegmüller, Annette (Lower Saxonian Institute for Historical Coastal Research) - Wolters, Steffen (Lower Saxonian Institute for Historical Coastal Research)

15:15 THE SEA-LEVEL RISE AND THE HUMANE RESPONSE IN THE NEOLITHIC PERIOD IN THE SOUTHERN LEVANT.

Indino, Lorenzo (Sapienza University of Rome)

15:30 SUNKEN PREHISTORIC SHIP SLIPWAYS ON THE EAST COAST OF THE ADRIATIC SEA

Parica, Mate (University of Zadar, Department of Archaeology)

15:45 DISCUSSION SLOT

## 965 IN-SITU SENSING OF (GEO-)ARCHAEOLOGICAL SOIL AND SEDIMENT ARCHIVES: EMERGING METHODOLOGIES AND APPLICATIONS

**Room:** 62=CU022-EXT-Aula E

**Time:** 8:30 - 13:00

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Werther, Lukas (German Archaeological Institute, Rgk) - Verhegge, Jeroen (Ghent University) - Brown, Antony (University of Southampton; the Arctic University of Norway Tromsø) - Köhler, Anne (Leipzig University)

### ABSTRACTS

8:30 INTRODUCTION

8:45 ENHANCING DETECTION OF LOW-CONTRAST PREHISTORIC SITES THROUGH INVASIVE GEOPHYSICAL FIELD INVESTIGATIONS

Verhegge, Jeroen (Ghent University) - Mendoza Veirana, Gaston (Ghent University) - Cornelis, Wim (Ghent University) - Grison, Hana (Czech Academy of Sciences) - Rensink, Eelco (Cultural Heritage

Agency of the Netherlands) - de Kort, Jan-Willem (Cultural Heritage Agency of the Netherlands) - Pisz, Michał (University of Warsaw) - Jakubczak, Michał (Polish Academy of Sciences) - de Smedt, Philippe (Ghent University)

9:00 DIRECT PUSH- SENSING AND GEOPHYSICAL MAPPING – INSIGHTS INTO A TOOLBOX FOR ENHANCED INVESTIGATION OF FLOODPLAIN STRUCTURES

Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ) - Köhler, Anne (Institute for Physical Geography, University of Leipzig, Germany) - Dietrich, Peter (Helmholtz Centre for Environmental Research - UFZ) - Werther, Lukas (Romano-Germanic Commission, German Archaeological Institute, Frankfurt, Germany) - Zielhofer, Christoph (Institute for Physical Geography, University of Leipzig, Germany)

9:15 LOOKING BENEATH THE SURFACE. RECONSTRUCTING FORMER FLOODPLAIN LANDSCAPES USING MULTIPROXY ANALYTICAL TECHNIQUES ACROSS THE RIVER AVON AND STONEHENGE ENVIRONS.

Pears, Ben (Department of Geography & Environmental Science, University of Southampton, UK) - Hudson, Sam (Department of Geography & Environmental Science, University of Southampton, UK) - Koehler, Anne (Helmholtz Centre for Environmental Research - UFZ) - Kreck, Manuel (Helmholtz Centre for Environmental Research - UFZ) - Pohle, Marco (Helmholtz Centre for Environmental Research - UFZ) - Tomsett, Christopher (Department of Geography & Environmental Science, University of Southampton, UK) - Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ) - Zielhofer, Christoph (Institute for Physical Geography, Universität Leipzig) - Brown, Tony (Department of Geography & Environmental Science, University of Southampton, UK; Tromsø Museum, Uit, Tromsø, Norway)

9:30 DISCUSSION SLOT

9:45 DEVELOPING A SURVEY STRATEGY FOR THE DETECTION OF DEEPLY BURIED PREHISTORIC SITES, ADDING VALUE TO GEOTECHNICAL INVESTIGATIONS

Vanhecke, Michiel (Geosonda Environment NV)

10:00 ASSESSING MAGNETIC ANOMALIES WITH SUSCEPTIBILITY MEASUREMENTS AND SOIL ANALYSES - A REPORT FROM A ROMAN TOWN IN GERMANY

Pickartz, Natalie (State Office for Cultural Heritage Baden-Württemberg) - Dreibrodt, Stefan (State Office for Cultural Heritage Baden-Württemberg) - Konrad, Michaela (Institute for Archaeology, Heritage Conservation Studies and Art History, University of

Bamberg) - Schmölzer, Astrid (Institute for Archaeology, Heritage Conservation Studies and Art History, University of Bamberg) - Kortüm, Klaus (State Office for Cultural Heritage Baden-Württemberg) - Faber, Andrea (Institute for Archaeology, Heritage Conservation Studies and Art History, University of Bamberg) - de Neef, Wieke (Institute for Archaeology, Heritage Conservation Studies and Art History, University of Bamberg)

10:15 DISCUSSION SLOT

11:00 LARGE-SCALE GEOCHEMICAL PROSPECTION WITHIN THE PROCESS OF RESCUE ARCHAEOLOGICAL RESEARCH - INTEGRATED MULTI-METHODOLOGICAL ARCHAEOLOGICAL PROSPECTION (IMAP)

Fišer, Jan - Horák, Jan (University of Hradec Králové) - Holas, Matouš (Museum of Eastern Bohemia in Hradec Králové) - Holbová, Tereza (University of Hradec Králové) - Katonová, Klára (University of Hradec Králové) - Kindlmann, Petr (Osina Archo) - Plíšek, Jan (University of Hradec Králové) - Rytíř, Ladislav (University of Hradec Králové) - Soltészová, Kitty (University of Hradec Králové) - Bambasová, Sylva (University of Hradec Králové)

11:15 ARCHIVING THE SEDIMENT ARCHIVE: INTEGRATING IN-SITU GEOARCHAEOLOGICAL DATA AND REMOTE SENSING DATA IN A HISTORIC LANDSCAPE CHARACTERISATION FRAMEWORK

Jetzinger, Doris (Department of Prehistoric and Historical Archaeology, University of Vienna)

11:30 QUANTUM ARCHAEOLOGY: EXPLORING GEOPHYSICS AS A TOOL FOR THE ANALYSIS OF ARCHAEOLOGICAL SITES

Boucher, Andy (Headland Archaeology Limited) - Gwilt, Tom (Headland Archaeology Limited) - Harrison, Sam (Headland Archaeology Limited) - Walker, Joanna (Headland Archaeology Limited)

11:45 DISCUSSION SLOT

12:00 ENHANCING GPR DATA QUALITY: DATA COLLECTION, INTEGRATION, AND ANALYSIS IN LONG-TERM MONITORING APPROACHES

Schneidhofer, Petra (Department for Cultural Heritage Management, Vestfold County Council) - Nau, Erich (Norwegian Institute for Cultural Heritage Research) - Tonning, Christer (Department for Cultural Heritage Management, Vestfold County Council) - Cannell, Rebecca (Norwegian Institute for Cultural Heritage Research) - Hinterleitner, Alois (Geosphere Austria)

12:15 MORE THAN MEETS THE EYE: HYPERSPECTRAL IMAGING FOR THE RECORDING OF ARCHAEOLOGICAL FEATURES AND DEPOSITS

Crabb, Nicholas (Bournemouth University)

12:30 DISCUSSION SLOT

**975 BASKETS AND THEIR BELONGINGS: ARCHAEOBOTANY AND CONSERVATION OF VEGETAL BASKETRY OBJECTS AND THEIR VEGETAL CONTENT**

**Room:** 38=CU005-FL2-Ponzi II

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Andonova-Katsarski, Mila (Division of Palaeobotany and Palynology, Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences) - Herero-Otal, Maria (Archaeobotany Laboratory, Prehistory Department, Autonomous University of Barcelona) - Stelzner, Ingrid (Leibniz-Zentrum für Archäologie, Mainz)

## ABSTRACTS

8:30 INTRODUCTION

8:45 ETNO-ARCHAEOLOGICAL APPROACH TO THE BASKETRY OF THE HUNTER-GATHERERS OF TIERRA DEL FUEGO - PATAGONIA (CHILE AND ARGENTINA)  
Piqué, Raquel (Universitat Autònoma de Barcelona) - Franch Bach, Anna (Centro Austral de Investigaciones Científicas (Cadic-CONICET)) - Vietri, Luisa (Independent Researcher)

9:00 BASKETRY CREELS: MORPHOLOGY AND USE OF RECENT FINDS IN FRENCH PREVENTIVE ARCHAEOLOGY.  
Lecomte-Schmitt, Blandine (Inrap; UMR 5600 Environnement Ville Société) - Flucher, Guy (Inrap) - Peltier, Virginie (Inrap) - Dietrich, Anne (Inrap)

9:15 BASKETRY FOR THE DEAD: THE TECHNOLOGY OF WARI CANE BOXES  
Rudnicka, Emanuela (Faculty of Archaeology, University of Warsaw)

9:30 DISCUSSION SLOT

9:45 EXPLORING BASKETRY TECHNIQUES BEYOND CONTAINER CONSTRUCTION: INSIGHTS FROM A COPPER AGE SETTLEMENT  
Aquaro, Antonella (DAI - Deutsches Archäologisches Institut)

- 10:00 **A LINDEN BAST BAG FROM THE 5TH MILLENNIUM BC**  
 Klügl, Johanna (Archaeological Service of the Canton of Bern) - Kühn, Marlu (University of Basel; Integrative Prehistory and Archeological Science IPAS) - Schoch, Werner (Laboratory for Ancient Wood Research) - Gubler, Regula (Archaeological Service of the Canton of Bern)
- 10:15 **DISCUSSION SLOT**
- 11:00 **VARIABILITY AND FUNCTION IN MESOLITHIC BASKETRY FROM CUEVA DE LOS MURCIÉLAGOS (ALBUÑOL, GRANADA, SPAIN)**  
 Herrero-Otal, Maria (Autonomous University of Barcelona) - Piqué, Raquel (Autonomous University of Barcelona) - Homs, Anna (Autonomous University of Barcelona) - Bertin, Ingrid (Autonomous University of Barcelona) - Martínez-Sevilla, Francisco (University of Alcalá)
- 11:15 **BASKETS AND THEIR BELONGINGS: A CASE STUDY FROM THE LATE NEOLITHIC PILE DWELLINGS OF THE LAKE CONSTANCE**  
 Andonova-Katsarski, Mila (Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences) - Million, Sebastian (Dendrochronological Laboratory at Hemmenhofen, State Office for Cultural Heritage, Baden-Württemberg) - Marinova, Elena (Archaeobotanical Laboratory at Hemmenhofen, State Office for Cultural Heritage, Baden-Württemberg) - Probst-Boehm, Anja (Archaeological Museum of Baden-Württemberg, Konstanz) - Banck-Burgess, Johanna (State Office for Cultural Heritage at Esslingen, Baden-Württemberg)
- 11:30 **REVERSIBILITY OF CONSERVATION MEASURES: INVESTIGATING FOOD RESIDUES IN ORGANIC CONTAINERS**  
 Stelzner, Ingrid (Leibniz-Zentrum für Archäologie) - Probst-Böhm, Anja (Archäologisches Landesmuseum Konstanz) - Marinova, Elena (Landesamt für Denkmalpflege Im Regierungspräsidium Stuttgart)
- 11:45 **DISCUSSION SLOT**
- 12:00 **DISCUSSION SLOT**

## 988 THROUGH THE LENS OF POTTERY: TECHNOLOGIES IN TIMES OF CHANGE IN PREHISTORIC MEDITERRANEAN BASIN

- Room:** 28=CU002-FL1-Aula VIII  
**Time:** 8:30 - 16:00  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Forte, Vanessa (Sapienza University of Rome) - de Falco, Maria (Durham University) - Carloni, Delia (University of Groningen) - Amicone, Silvia (University of Tübingen; University College London) - Bajeot, Jade (Polish Academy of Sciences)

### ABSTRACTS

- 8:30 **INTRODUCTION**
- 8:45 **ADAPTATION OR INNOVATION: VARIABILITY OF CLAY PASTES OF THE EARLIEST POTTERY IN THE SOUTHERN LEVANT (7TH MILL. CAL. BC)**  
 Harivel, Carine (Université Paris Nanterre - Ed 395; Technologie et Ethnologie des Mondes Préhistoriques (UMR8068)) - Coquinot, Yvan (Centre de Recherche et de Restauration des Musées de France C2Rmf) - Eirikh-Rose, Anna (Israel Antiquities Authority) - Van Den Brink, Edwin C. M. (Israel Antiquities Authority (Ret)) - Yaroshevich, Alla (Israel Antiquities Authority) - Vieugué, Julien (Technologie et Ethnologie des Mondes Préhistoriques (UMR8068)) - Roux, Valentine (Technologie et Ethnologie des Mondes Préhistoriques (UMR8068))
- 9:00 **CERAMIC TECHNOLOGY AND THE SOCIO-POLITICAL ENVIRONMENT OF PREDYNASTIC EGYPT**  
 Bajeot, Jade (Instytut Kultur Śródziemnomorskich I Orientalnych Polska Akademia Nauk)
- 9:15 **CULTURAL IDENTITY WITHIN POTTERY: A GEOCHEMICAL APPROACH TO TRANSITIONAL POTTERY FROM BORDER ZONES IN THE SOUTHERN LEVANT**  
 Coad, Mikayla (University of Oxford)
- 9:30 **EXPATRIATE POTTERS, EGYPTIAN TECHNOLOGIES, AND CULTURAL TRANSFERENCE IN THE CERAMIC ASSEMBLAGE AT JAFFA IN CANAAN**  
 Pierce, Krystal (Brigham Young University)
- 9:45 **CERAMICS AND CULTURAL CHANGE IN 7TH CENTURY BC CRETE: THE POLYCHROME VESSELS FROM KNOSSOS**  
 Kotsonas, Antonis (New York University) - Klesner, Catherine (University of Cambridge)

10:00 **THE POTS INSIDE THE POT. GROG TEMPER AS A PROXY OF TECHNOLOGICAL CHANGES DURING THE CHALCOLITHIC PERIOD IN SOUTHERN ROMANIA.**  
 Opris, Vasile (Research Institute of the University of Bucharest (Icub, Archaeosciences Platform; Bucharest Municipality Museum) - Stoicescu, Daniel (Research Institute of the University of Bucharest (Icub, Archaeosciences Platform) - Fehér, Kristóf (Hungarian National Museum, National Institute of Archaeology, Archaeometry Laboratory) - Manea, Bogdan (Research Institute of the University of Bucharest (Icub, Archaeosciences Platform) - Dumitrescu, Sebastian (Research Institute of the University of Bucharest (Icub, Archaeosciences Platform) - Balázs, Henriett (Hungarian National Museum, National Institute of Archaeology, Archaeometry Laboratory) - Lazar, Catalin (Research Institute of the University of Bucharest (Icub, Archaeosciences Platform) - Kreiter, Attila (Hungarian National Museum, National Institute of Archaeology, Archaeometry Laboratory)

10:15 **DISCUSSION SLOT**

11:00 **FROM WATER TO FIRE: AN ARCHAEOMETRICAL INVESTIGATION OF SHELL-TEMPERED CHALCOLITHIC POTTERY FROM THE ARCHAEOLOGICAL SITE OF SÁVENI-LA MOVILE**  
 Manea, Bogdan (Archaeosciences Platform, Research Institute of the University of Bucharest; Interdisciplinary School of Doctoral Studies, University of Bucharest) - Stoicescu, Daniel (Archaeosciences Platform, Research Institute of the University of Bucharest; Doctoral School of Physics, Faculty of Physics, University of Bucharest) - Dimofte, Daniela (Faculty of Geology and Geophysics, Department of Mineralogy, University of Bucharest) - Vlad, Florin (Ialomița County Museum, Slobozia, Romania) - Tiseanu, Ion (National Institute for Laser, Plasma and Radiation Physics, Bucharest, Romania) - Radu, Valentin (Archaeosciences Platform, Research Institute of the University of Bucharest; National Museum of Romanian History, Bucharest, Romania) - Lazăr, Cătălin (Archaeosciences Platform, Research Institute of the University of Bucharest)

11:15 **POTTERY FINDS OF VUČEDOL AND LJUBLJANA CULTURES OF THE 3RD MILLENNIUM BC IN CENTRAL SLOVENIA: A TYPOCHRONOLOGICAL AND ARCHAEOMETRICAL APPROACH**  
 Leghissa, Elena (Zrc Sazu, Institute of Archaeology) - de Min, Angelo (Department of Mathematics, Informatics and Geosciences, University of Trieste) - Kasztovszky, Zsolt (Nuclear Analysis and Radiography Department, Hun-Ren Centre for Energy Research) - Szilágyi, Veronika (Nuclear Analysis and Radiography Department, Hun-Ren Centre for Energy Research) - Velicogna, Matteo (Department of

Mathematics, Informatics and Geosciences, University of Trieste) - Vinazza, Manca (Department of Archaeology, University of Ljubljana) - Bernardini, Federico (University Ca' Foscari Venezia; Multidisciplinary Laboratory, the "Abdus Salam" International Centre for Theoretical Physics)

11:30 **CONTINUITY AND INNOVATION IN POTTERY TECHNOLOGY: THE KARST REGION FROM NEOLITHIC TO EARLY BRONZE AGE**  
 Bernardini, Federico (University Ca' Foscari Venice; the Abdus Salam International Centre for Theoretical Physics) - Leghissa, Elena (Zrc Sazu, Institute of Archaeology)

11:45 **NEOLITHIC POTTERY TRADITIONS IN THE ADIGE VALLEY: NEW DATA FROM RIPARO GABAN AND LA VELA (NORTH-EASTERN ITALY)**  
 Deimichei, Giulia (Archaeometry Research Group, Eberhard Karls University of Tübingen; LaBAAF - Laboratorio Bagolini Archeologia, Archeometria, Fotografia, Dipartimento di Lettere e Filosofia, Università di Trento) - Amicone, Silvia (Archaeometry Research Group, Eberhard Karls University of Tübingen; Institute of Archaeology, University College London) - Armellini, Jacopo (Departament d'Història, Geografia i Art, Facultat de Ciències Humanes i Socials, Universitat Jaume I, Castelló de la Plana) - Pedrotti, Annaluisa (LaBAAF - Laboratorio Bagolini Archeologia, Archeometria, Fotografia, Dipartimento di Lettere e Filosofia, Università di Trento)

12:00 **EXPLORING CULTURAL PROCESSES THROUGH CERAMIC PRODUCTION: A CASE STUDY FROM CAMPANIA, SOUTHERN ITALY, DURING THE 3RD MILLENNIUM BC**  
 De Falco, Maria (University of Modena and Reggio Emilia, Department of Chemical and Geological Sciences)

12:15 **INQUIRING SAMENESS AND DIFFERENCE IN EARLY TO LATE COPPER AGE POTTERY PRODUCTION: EXAMPLES FROM THE GROTTA DI SANT'ANGELO (CALABRIA, ITALY)**  
 Carloni, Delia (Groningen Institute of Archaeology, University of Groningen, Netherlands; Centro di Ricerca Speleo-Archeologica 'Enzo dei Medici', Italy) - Larocca, Felice (Gruppo di Ricerca Speleo-Archeologica, Università degli Studi di Bari Aldo Moro, Italy; Centro di Ricerca Speleo-Archeologica 'Enzo dei Medici', Italy) - Pacciarelli, Marco (Università degli Studi di Napoli Federico II, Italy) - Attema, Peter (Groningen Institute of Archaeology, University of Groningen, Netherlands) - de Benedetto, Giuseppe (Dipartimento di Beni Culturali, Università del Salento)

- 12:30 **PERSISTING WITHOUT CHANGE: CONSISTENCY OF POTTER'S PRACTICES AT LIPARI**  
Levi, Sara Tiziana (Dip. di Scienze Chimiche e Geologiche, Un. di Modena e Reggio Emilia; Institute for the Study of the Ancient World, New York University) - Cannavò, Valentina (Dip. di Scienze Chimiche e Geologiche, Un. di Modena e Reggio Emilia) - Brunelli, Daniele (Dip. di Scienze Chimiche e Geologiche, Un. di Modena e Reggio Emilia) - di Renzoni, Andrea (Istituto di Scienze del Patrimonio Culturale - CNR, Montelibretti) - Bettelli, Marco (Istituto di Scienze del Patrimonio Culturale - CNR, Montelibretti) - Martinelli, Maria Clara (Parco Archeologico Delle Isole Eolie, Museo Luigi Bernabò Brea, Lipari)
- 12:45 **DISCUSSION SLOT**
- 14:00 **CRAFTING RESILIENCE:PERSISTENCE AND ADAPTATION OF THE CERAMIC MANUFACTURE AT ROCA VECCHIA FROM THE MIDDLE TO THE FINAL BRONZE AGE PHASES**  
Mentesana, Roberta (Cultura Material I Arqueometria Ub (Arqub, Gracpe, Dept. d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona, Catalonia, Spain) - Iacono, Francesco (Dipartimento di Storia Culture Civiltà, Università di Bologna, Italy)
- 14:15 **AN EARLY IRON AGE FORMAL VESSEL IN REDUCTIONIST FOCUS: FROM PETROGRAPHY AND CHEMISTRY TO EXPERIMENTAL REPLICATIONS, ORGANIC RESIDUES ANALYSIS AND CONTEXTUAL SYMBOLISM**  
Vidale, Massimo (University of Padova) - Maritan, Lara (Department of Geosciences, University of Padova) - Pérez-Monserrat, Elena Mercedes (Department of Geosciences, University of Padova) - Pecci, Alessandra (Institut d'Arqueologia, Equip de Recerca Arqueològica - Arqueomètrica de la Universitat de Barcelona (ERAAUB, IAUB, INSA-UB) - Baratella, Vanessa (Department of Cultural Heritage: Archaeology, History of Art, of Cinema and Music, University of Padova) - Giunto, Andrea (Department of Cultural Heritage: Archaeology, History of Art, of Cinema and Music, University of Padova) - Adesso, Francesca (Department of Cultural Heritage: Archaeology, History of Art, of Cinema and Music, University of Padova) - Famari, Valentina (Department of Cultural Heritage: Archaeology, History of Art, of Cinema and Music, University of Padova) - Forte, Vanessa (Department of Sciences of Antiquities, Sapienza University of Rome)
- 14:30 **POTTERY AS A TRACKING TOOL FOR SOCIAL TRANSFORMATIONS THROUGH TIME. THE EVOLUTION OF NEOLITHIC OCCUPATIONS IN COVA GRAN (5200-1300 CALBCE)**  
Rodríguez Pérez, Cèlia (Universitat Autònoma de Barcelona) - Martínez-Moreno, Jorge (Universitat Autònoma de Barcelona) - Mora Torcal,

Rafael (Universitat Autònoma de Barcelona) - González Marcén, Paloma (Universitat Autònoma de Barcelona)

- 14:45 **HOW TO DEAL WITH THE CHANGE: POTTERY MANUFACTURE AND CONSUMPTION CHOICES IN SOUTHEAST IBERIA DURING THE POST-ARGARIC PERIOD**  
López-López, Alberto (Universidad de Murcia)
- 15:00 **CULTURAL EXCHANGE AND POTTERY DYNAMICS:INSIGHTS FROM EARLY IRON AGE CERAMICS FROM LA FONTETA (SE IBERIA, 8TH - 6TH CENTURIES BC)**  
Del Pino Curbelo, Miguel (Universidad de Las Palmas de Gran Canaria) - Lorrio Alvarado, Alberto (Universidad de Alicante) - López Rosendo, Ester (Universidad de Alicante) - Torres Ortiz, Mariano (Universidad Complutense de Madrid)
- 15:15 **DISCUSSION SLOT**
- 15:30 **DISCUSSION SLOT**

### 1021 **EAA COMMUNITY FOR CLIMATE CHANGE AND HERITAGE (CCH) ROUNDTABLE**

**Room:** 49=CU006-FLG-Aula B

**Time:** 11:00 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Round table

**Organisers:** Davies, Mairi (Hes Historic Environment Scotland) - Martens, Vibeke (Niku Norwegian Institute for Cultural Heritage Research) - Biehl, Peter (University of California, Santa Cruz)

### 1022 **RETHINKING ANCIENT MEDITERRANEAN INCARCERATION AND EXILE**

**Room:** 66=CU022-FL1-Bettolo

**Time:** 16:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Larsen, Matthew (University of Copenhagen) - Letteney, Mark (University of Washington)

### **ABSTRACTS**

- 16:30 **INTRODUCTION**

- 16:45 **A CARCER CASTRENSIS IN VINDOBONA?**  
Mosser, Martin (Museen Der Stadt Wien - Stadtarchäologie)
- 17:00 **THE CIVIC PRISON OF SUFETULA?**  
Letteney, Mark (University of Washington)
- 17:15 **EVERYDAY OBJECTS OF CONTAINMENT: THE REFLEXIVE USE OF ROMAN METAL OBJECTS DEPICTING CAPTIVES AND PUNISHMENT**  
Levitan, Rebecca (King's College London) - Pearce, John (King's College London)
- 17:30 **THE RIGHT TO BIND: INCARCERATION IN ANCIENT ATHENS BETWEEN MATERIALITY AND IDEOLOGY**  
Lovisetto, Giovanni (Columbia University)
- 17:45 **TRACES OF INCARCERATION FROM MARESHA: FROM BRONZE FIGURES TO PRISONER PETITIONS.**  
Larsen, Matthew (University of Copenhagen)
- 18:00 **AGENS CURAM CARCERIS. LINKS BETWEEN THE FRUMENTARII OF THE ROMAN LEGIONS AND THE CARCERAL SYSTEM IN THE ROMAN EMPIRE**  
Bargfeldt, Niels (University of Copenhagen)
- 18:15 **DISCUSSION SLOT**

**1029 CHANGING PERCEPTIONS ON TILE, BRICK, AND ARCHITECTURAL TERRACOTTA? NEW RESULTS AND DIRECTIONS IN RESEARCH**

**Room:** 1=CU003-EXT-CISADU

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Hamari, Pirjo (University of Helsinki; Finnish Heritage Agency) - Rheeder, Annalize (German Archaeological Institute) - Wagner, Natalie (German Archaeological Institute)

**ABSTRACTS**

- 14:00 **INTRODUCTION**
- 14:15 **CERAMIC BUILDING MATERIALS IN THE BATHHOUSES OF THE SOUTHERN LEVANT**  
Kowalewska, Arleta (The Zinman Institute of Archaeology, University of Haifa)
- 14:30 **CBM IN ITS CONTEXT - A CASE STUDY FROM GERASA/JERASH (JORDAN)**  
Ebeling, Philip (University of Münster)

- 14:45 **DISCUSSION SLOT**
- 15:00 **CERAMIC BUILDING MATERIALS FROM THE PROMONTORY PALACE AT CAESAREA MARITIMA**  
Gleason, Kathryn (Cornell University) - Wissinger, John (Crozier Fine Art)
- 15:15 **REMARKS ON BRICK AND TILE PRODUCTION AND CONSUMPTION IN BYZANTINE THESSALONICA**  
Raptis, Konstantinos (Ephorate of Antiquities of Thessaloniki)
- 15:30 **ROOF TILES IN CAVES; AN ENIGMA**  
Koskinas, Aristotelis (Independent Researcher)
- 15:45 **DISCUSSION SLOT**
- 16:30 **ROOF TILES UNDER THE MEDITERRANEAN. THE MARITIME CIRCULATION OF CERAMIC ROOFING MATERIALS IN THE MID-WESTERN MEDITERRANEAN OF ROMAN PERIOD**  
Tomizza, Caterina (Department of Humanities, Ca' Foscari University of Venice) - Beltrame, Carlo (Department of Humanities, Ca' Foscari University of Venice)
- 16:45 **A DIGITAL METHODOLOGY FOR THE MENSIOCHRONOLOGICAL ANALYSIS OF THE ROMAN BRICK-FACED MASONRY**  
Fornaciari, Lorenzo (École Française de Rome)
- 17:00 **BETWEEN LAB AND FIELD: INNOVATIVE METHODOLOGIES FOR ANALYZING ANCIENT ARCHITECTURAL TERRACOTTAS**  
Wagner, Natalie (German Archaeological Institute, Rome)
- 17:15 **DISCUSSION SLOT**
- 17:30 **ROOF-TILES IN GREEK SICILY FROM THEIR APPEARANCE TO THE ROMAN CONQUEST.**  
Giuliano, Dario (Università degli Studi di Palermo; Université Bordeaux-Montaigne)
- 17:45 **SERIAL PRODUCTION, WORKSHOPS AND THE CREATION OF TYPOLOGIES FOR UNDECORATED ROOF TILES.**  
Rheeder, Annalize (German Archaeological Institute)
- 18:00 **MAPPING THE DIFFERENCES, UNDERSTANDING EVOLUTION: THE GROUNDS FOR SUGGESTING REGIONAL TYPOLOGIES FOR ROMAN-PERIOD ROOF TILES IN THE EAST**  
Hamari, Pirjo (University of Helsinki)
- 18:15 **DISCUSSION SLOT**



### 1033 CHOOSING THE RIGHT CUP FOR THE JOB: FUNCTIONAL AND NON-FUNCTIONAL CONSUMPTION HABITS

**Room:** 49=CU006-FLG-Aula B

**Time:** 16:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Meens, Anna (University of Amsterdam) - Crudo, Maurizio (Independent Researcher) - Stissi, Vladimir (University of Amsterdam) - Witcher, Robert (Durham University)

#### ABSTRACTS

- 16:30 CUPS, SKYPHOI, KANTHAROI, KYLIKES, KOTYLAI, POTIRIA AND THE REST: THE DIVERSITY OF GREEK DRINKING VESSELS (6TH-4TH CENTURY BCE)  
Stissi, Vladimir (University of Amsterdam)
- 16:45 CULT, CRAFT OR CULTURAL? ON SHAPE VARIETY IN AN ARCHAIC-CLASSICAL SANCTUARY AT PHENEOS, ARCADIA  
Klöckl-Zoric, Regina (University of Graz) - Testolini, Veronica (University of Graz)
- 17:00 SAME SHAPE DIFFERENT CLASSES. PUBLIC AND PRIVATE CONSUMPTION IN A COMMON REPERTOIRE.  
Crudo, Maurizio (Independent Researcher)
- 17:15 LARGER THAN LIFE: USE AND FUNCTION OF SUPER-SIZED KANTHAROI IN BOEOTIA  
Meens, Anna (University of Amsterdam)
- 17:30 ANALYZING ATTIC BLACK-GLAZED POTTERY FROM OLBIA PONTICA: A COMPARATIVE CHARACTERIZATION BASED ON DIFFERENT CITY AREAS  
Chechulina, Iryna (The Institute of Archaeology National Academy of Science of Ukraine; Taras Shevchenko National University of Kyiv)
- 17:45 INNOVATION AND TRADITION IN THE CERAMIC SET OF THE ROMAN VILLA OF PATTI  
Morganti, Mariano (Università degli Studi di Messina) - Giglio, Donata (Università degli Studi di Messina)
- 18:00 DISCUSSION SLOT

### 1056 TELLING THE STORIES OF OTHERS? ETHICS, EPISTEMOLOGY, AND PRACTICES IN ARCHAEOLOGICAL DISCOURSES

**Room:** 60=CU022-EXT-Serra

**Time:** 16:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Moucheron, Martin (University College Dublin) - Nyland, Astrid (Museum of Archaeology - University of Stavanger)

#### ABSTRACTS

- 16:30 STORYTELLING WITH OTHERS  
Warren, Graeme (University College Dublin) - Moucheron, Martin (University College Dublin) - Nyland, Astrid (Universitetet i Stavanger)
- 16:45 BEYOND SILENCE: EMPOWERING PORTUGUESE WOMEN IN INDUSTRIAL ARCHAEOLOGY  
Pacheco, Susana (CFE-HTC Nova University of Lisbon) - Casimiro, Tânia (CFE-HTC Nova University of Lisbon)
- 17:00 INTEGRATING ARCHAEOLOGICAL AND LOCAL EPISTEMOLOGIES. A CASE STUDY OF THE LINAPACAN ISLAND (PALAWAN, PHILIPPINES)  
Kowalczyk, Zuzanna (Adam Mickiewicz University)
- 17:15 HUNTING TALES: AN ETHNO-ARCHAEOLOGICAL STUDY OF BAYAKA SPEAR HUNTING  
Milks, Annemieke (University of Reading, Department of Archaeology) - Lew-Levy, Sheina (Durham University, Department of Psychology) - Kiyabiya Ntamboudila, Francly (Faculté des Lettres, Arts, et Sciences Humaines, Marien Ngouabi University, Brazzaville, Republic of the Congo)
- 17:30 OTHER[S]TORIES: DIGITAL ARCHAEOLOGICAL STORYTELLING AND ETHICAL CONSIDERATIONS  
Sampatakou, Despoina (University of York)
- 17:45 ONLY A DISASTER NARRATIVE? HOW MEMORIES OF ENCOUNTERS WITH THE STOREGGA TSUNAMI MAY HAVE AFFECTED MESOLITHIC SOCIETIES  
Nyland, Astrid (Museum of Archaeology, University of Stavanger)
- 18:00 WHAT STORIES ARE (OR CAN BE) TOLD WITH ARCHAEOLOGICAL DATA?: EXPERIMENTS IN SITE PHOTO REUSE WITH DIFFERENT AUDIENCES  
Perry, Sara - Simandiraki-Grimshaw, Anna (Museum of London Archaeology MOLA)

**1065 ADVANCES IN THE STUDY OF ANCIENT POTTERY: BRINGING SOCIAL ARCHAEOLOGY AND DIGITAL ARCHAEOLOGY TOGETHER****Room:** 67=CU028-FLG-Aula 1**Time:** 8:30 - 16:00**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps**Format:** Regular session**Organisers:** Oikonomou, Artemios (Science and Technology in Archaeology and Culture Research Centre (Starc, the Cyprus Institute; Institute of Nuclear and Particle Physics, NCSR Demokritos) - Kathariou, Kleopatra (Department of History and Archaeology, University of Ioannina) - Valamoti, Soultana (Aristotle University of Thessaloniki)**ABSTRACTS**

8:30 INTRODUCTION

8:45 INTEGRATING CERAMIC PETROGRAPHY AND DIGITAL IMAGE ANALYSIS. INVESTIGATION OF PASTE PREPARATION METHODS AND RESOURCES PROCUREMENT AT OGLIASTRETTO (CS)

Serino, Donatella (Sapienza University of Rome) - Vanzetti, Alessandro (Sapienza University of Rome) - Marino, Sara (Sapienza University of Rome) - Cannavò, Valentina (University of Modena and Reggio Emilia)

9:00 BRONZE AGE COOKING CERAMIC FABRICS FROM NORTHERN GREECE AND BULGARIA: TECHNOLOGICAL VARIABILITY AND USES

Dimoula, Anastasia (Eidikos Logariasmos Kondilion Erevnas A.P.Th, Aristotle Univ. of Thessaloniki) - Tsirtsoni, Zoi (UMR 7041-Archéologies et Sciences de l'Antiquité CNRS) - Valamoti, Soultana Maria (Eidikos Logariasmos Kondilion Erevnas A.P.Th, Aristotle Univ. of Thessaloniki)

9:15 INVESTIGATING THE COARSE POTTERY FROM THE SANCTUARY OF KALAPODI. AN ARCHAEOLOGICAL APPROACH

Christodoulou, Kelly (National and Kapodistrian University of Athens; N.C.S.R Demokritos) - Hein, Anno (N.C.S.R Demokritos)

9:30 MORTARIA FROM KARABOURNAKI, NORTHERN GREECE: TYPOLOGICAL AND PETROGRAPHIC ANALYSES

Manakidou, Eleni (Faculty of Philosophy, School of History and Archaeology; Lira Laboratory, Department of Archaeology, School of History and Archaeology, University of Thessaloniki; Centre for

Interdisciplinary Research and Innovation CIRI-AUTH, Balkan Centre) - Dimoula, Anastasia (Lira Laboratory, Department of Archaeology, School of History and Archaeology, University of Thessaloniki; Centre for Interdisciplinary Research and Innovation CIRI-AUTH, Balkan Centre) - Valamoti, Soultana-Maria (Lira Laboratory, Department of Archaeology, School of History and Archaeology, University of Thessaloniki, Greece; Centre for Interdisciplinary Research and Innovation CIRI-AUTH, Balkan Centre)

9:45 THE BIOGRAPHY OF THE POTTERY OF WESTERN ACHAEA (DYMAIA CHORA) IN THE CLASSICAL PERIOD. A PRELIMINARY ARCHAEOLOGICAL AND ARCHAOMETRIC APPROACH

Argyropoulos, Vassilios (Ephorate of Antiquities of Achaea; University of Thessaly, Department of History, Archaeology and Anthropology) - Kougia, Nickoula - Iliopoulos, Ioannis (Department of Geology, University of Patras)

10:00 DISCUSSION SLOT

10:15 A NEW CENTRE FOR CERAMIC PRODUCTION FROM THE ROMAN PROVINCE OF ACHAEA. ARCHAEOLOGICAL DATA AND ARCHAOMETRIC ASPECTS.

Kougia, Nickoula (Department of Geology, University of Patras; ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Iliopoulos, Ioannis (Department of Geology, University of Patras; ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona)

11:00 CHEMICAL CHARACTERIZATION OF HELLENISTIC-ROMAN FINE WARES FROM TWO WORKSHOPS IN THE REGION OF ELIS, GREECE: A PRELIMINARY STUDY

Triantafyllidi, Elena (Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese) - Tsampa, Kalliopi (X-Ray Fluorescence Laboratory, Institute of Nuclear and Particle Physics, NCSR Demokritos) - Karydas, Andreas-Germanos (X-Ray Fluorescence Laboratory, Institute of Nuclear and Particle Physics, NCSR Demokritos)

11:15 „THE VASE, THE CONTENT, THE USE.

Organic Residue Analysis of Figured Pottery in Context“  
Pola, Angela (Università degli Studi di Pavia) - Bosi, Adele (CNR)

11:30 DISCUSSION SLOT

- 11:45 CAPACITY OF SYMPOTIC VESSELS IN THE LATE CLASSICAL PERIOD: REFLECTIONS ON THE CHANGES OF DRINKING HABITS  
Kathariou, Kleopatra (University of Ioannina)
- 12:00 SIZE DOES MATTER - WHAT THE CAPACITY OF DRINKING VESSELS CAN TELL US ABOUT THE INSTRUMENTALISATION OF CONSUMPTION HABITS.  
Dauth, Thomas (University of Innsbruck)
- 12:15 APPROACHES TO CERAMIC ILLUSTRATION IN A DIGITAL AGE. EVALUATING AND COMPARING DIFFERENT METHODOLOGIES.  
Bruderer, Oliver (University of Zurich, Department of Archaeology)
- 12:30 DISCUSSION SLOT
- 12:45 IMAGES ON GREEK POTTERY "SEEN" BY A COMPUTER  
Reinhardt, Corinna (Universität Zürich, Institut für Archäologie, Fachbereich Klassische Archäologie)
- 14:00 FROM REALIA TO VIRTUAL REALITY. A PROJECT OF MEDITERRANEAN ARCHAEOLOGICAL HERITAGE VALORISATION OVERSEAS THROUGH DIGITAL ARCHAEOLOGY AND AI  
Mandic, Josipa (Aix-Marseille Université) - Saltini Semerari, Giulia (University of Michigan) - Vita, Cesare (Université Rennes 2)
- 14:15 MAKING SENSE OF HELLENISTIC POTTERY: PAST, PRESENT, AND FUTURE  
Laftsidis, Alexandros (CREA-Patrimoine ULB)
- 14:30 DISCUSSION SLOT
- 14:45 THE CRACKING THE CODE PROJECT; ANCIENT TALES FROM THE GRAVE. A QUANTITATIVE APPROACH TO AN UNKNOWN PROTOGEOMETRIC COMMUNITY FROM AETOLIA  
Simoni, Eleni (University of Patras) - Christakopoulou, Olga (Hellenic Ministry of Culture and Sports)
- 15:00 A MASS OF FUSED LAMPS FROM LATE ANTIQUE ATHENS - DIGITAL RECONSTRUCTION AND INTERDISCIPLINARY ANALYSIS  
Petrakis, Manolis (Directorate of the National Archive of Monuments; National Archaeological Museum, Athens)
- 15:15 DISCUSSION SLOT

## 1078 WOMEN AT ARCHEOLOGICAL CONFERENCES FROM THE 19TH CENTURY TO THE LATE 1990S: PRESENCE, REPRESENTATION AND EXPERIENCES

- Room:** 29=CU002-FL1-Aula IX  
**Time:** 8:30 - 13:00  
**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions  
**Format:** Regular session  
**Organisers:** Gustavsson, Anna (Gothenburg University) - Coltofean, Laura (Research Cluster 5: History of Archaeology, German Archaeological Institute, Germany) - Bucolo, Raffaella (University of Verona, Italy) - Gutmiedl-Schumann, Doris (University of the Bundeswehr Munich, Historical Institute, Germany)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 ROSALIE OLIVECRONA AND THE 1869 INTERNATIONAL CONGRESS OF PREHISTORIC ANTHROPOLOGY AND ARCHAEOLOGY IN COPENHAGEN.  
Gustavsson, Anna (Dep of Historical Studies, Gothenburg University)
- 9:00 SCIENCE BEHIND LEISURE: WOMEN AT THE 1876 INTERNATIONAL CONGRESS OF PREHISTORIC ANTHROPOLOGY AND ARCHAEOLOGY  
Coltofean, Laura (Archaeology and Gender in Europe (Age) - EAA Community; Research Cluster 5: History of Archaeology, German Archaeological Institute)
- 9:15 JOHANNA MESTORF AT THE INTERNATIONAL CONGRESSES OF PREHISTORIC ANTHROPOLOGY AND ARCHAEOLOGY 1869-1876  
Koch, Julia (Universität Der Bundeswehr München)
- 9:30 THE ARCHAEOLOGIST MARGARETE GÜTSCHOW AND WOMEN'S PARTICIPATION AT THE 3RD INTERNATIONAL ARCHAEOLOGICAL CONFERENCE OF ROME IN 1912  
Bucolo, Raffaella (Verona University)
- 9:45 WOMEN OF ARCHAEOLOGY AND THE LIMES CONGRESS  
Ileva, Tatiana (Newcastle University) - Jones, Rebecca (Heriot-Watt University)
- 10:00 THE ROLE OF WOMEN ARCHAEOLOGISTS IN ORGANIZING ARCHAEOLOGICAL CONGRESSES IN UKRAINE  
Shabelnikova, Irina (Oles Honchar Dnipro National University)
- 10:15 DISCUSSION SLOT

- 11:00 **WOMEN'S PARTICIPATION IN ARCHAEOLOGICAL CONFERENCES IN THE EARLY FEDERAL REPUBLIC OF GERMANY**  
Gutsmiedl-Schuemann, Doris (University of the Bundeswehr Munich, Historical Institute)
- 11:15 **"NO NEED TO HIDE IN THE CORNER": THE LEGACY OF MARIA GIMBUTAS (1921-1994) AT INTERNATIONAL CONFERENCES AND SCIENTIFIC EVENTS**  
Civilyte, Agne (Lithuanian Institute of History)
- 11:30 **HELGA HERDEJÜRGEN, A MODERN ARCHAEOLOGIST**  
Cipriani, Mariella („Tor Vergata“, University of Rome)
- 11:45 DISCUSSION SLOT
- 12:00 DISCUSSION SLOT

### 1081 EXPLORING WETLAND SETTLEMENTS: ARCHAEOLOGICAL RESEARCH METHODOLOGIES AND EMPIRICAL INSIGHTS

- Room:** 32=CU002-FLG-Aula D  
**Time:** 14:00 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Di Giamberardino, Giulia (Sapienza Università di Roma) - Hafner, Albert (Universität Bern) - Mangani, Claudia (Museo Civico Archeologico „Giovanni Rambotti“) - Hinz, Martin (Universität Bern)

#### ABSTRACTS

- 14:00 **INTRODUCTION**
- 14:15 **SOME METHODOLOGICAL THOUGHTS ON PILEFIELD ANALYSES AND DENDROCHRONOLOGY**  
Bleicher, Niels (Underwaterarchaeology / Dendrolab City of Zürich) - Nelle, Oliver (Landesamt für Denkmalpflege Baden-Württemberg) - Bolliger, Matthias (Archäologischer Dienst, Kanton Bern) - Blum, Jonas (University Zurich)
- 14:30 **HOW ASTRONOMERS REVOLUTIONIZED ARCHAEOLOGY: TREE RINGS, SOLAR OUTBURSTS, AND ARCHAEOLOGICAL INTERPRETATION.**  
Hafner, Albert (University of Bern; Oeschger Centre for Climate Change Research)

- 14:45 **HIGH RESOLUTION EARLY SUMMER PRECIPITATION RECONSTRUCTION FOR THE 55TH-52ND CENTURIES BC IN THE KASTORIA BASIN, NORTH-WESTERN GREECE**  
Maczkowski, Andrej (University of Bern) - Francuz, John (Institute of Archaeological Sciences, University of Bern) - Bolliger, Matthias (Institute of Archaeological Sciences, University of Bern,; Laboratory for Dendrochronology, Archaeological Service Canton of Bern) - Giagkoulis, Tryfon - Kotsakis, Kostas (School of History and Archaeology, Aristotle University of Thessaloniki) - Hafner, Albert (Institute of Archaeological Sciences, University of Bern, Switzerland)

15:00 DISCUSSION SLOT

15:15 **WOODWORKING AND WOOD MANAGEMENT IN A PREHISTORIC PILE DWELLING: THE CASE STUDY AT LUCONE D.**

Maltese, Giuseppe (Department of Cultures and Civilizations, University of Verona) - Martinelli, Nicoletta (Laboratorio Dendrodata) - Saletta, Emanuele (Lares - Restauri S.R.L) - Baioni, Marco (Museo Archeologico della Valle Sabbia)

15:30 **THE RECONSTRUCTION OF DWELLINGS IN WET AREAS THROUGH STRUCTURAL CALCULATIONS AND DIFFERENT METHODOLOGIES: AN INTERDISCIPLINARY APPROACH**

Di Giamberardino, Giulia (Sapienza Università di Roma) - Mangani, Claudia (Museo Civico Archeologico „Giovanni Rambotti“) - Vanzetti, Alessandro (Sapienza Università di Roma) - Baioni, Marco (Museo Archeologico della Valle Sabbia)

15:45 DISCUSSION SLOT

16:30 **THE PROTOHISTORIC LAKESHORE SETTLEMENT OF PADULI (COLLI SUL VELINO, RI). MULTIDISCIPLINARY APPROACH TO THE KNOWLEDGE OF A WETLAND SITE**

Virili, Carlo (Department of Science of Antiquities, Sapienza University in Rome) - Zanini, Alessandro (Independent Researcher) - Jaia, Alessandro M. (Department of Science of Antiquities, Sapienza University in Rome)

16:45 **LOST AND FOUND: THE PREHISTORIC PILE-DWELLING IN BUDINŠČINA, CROATIA**  
Jerbic, Katarina (University of Bern, Institute of Archaeological Sciences) - Solter, Ana (Archaeological Museum in Zagreb) - Hafner, Albert (University of Bern, Institute of Archaeological Sciences)

17:00 **THE WETTER PART OF THE NEOLITHIC DAWN OF EUROPE: RESULTS FROM LIN 3, LAKE OHRID, ALBANIA**

Hinz, Martin (University of Bern) - Anastasi, Adrian (Institute of Archaeology - Academy of Albanological Studies, Tirana) - Brunner,

- Mirco (University of Bern) - Anastasi, Kristi (Université Lumière Lyon 2) - Hafner, Albert (University of Bern)
- 17:15 DISCUSSION SLOT
- 17:30 **SIEVING FOR BONES: FISH EXPLOITATION IN THE PO PLAIN DURING THE BRONZE AGE**  
Prillo, Vito Giuseppe (University of Padua, Department of Cultural Heritage, Italy) - Baioni, Marco (Museo Archeologico della Valle Sabbia, Gavardo, Italy) - Cupitò, Michele (University of Padua, Department of Cultural Heritage, Italy) - d'Aquino, Silvia (University of Padua, Department of Cultural Heritage, Italy) - Minniti, Claudia (Department of Sciences of Antiquities, Sapienza University of Rome) - Nicosia, Cristiano (Department of Geosciences, University of Padua) - Sarnico, Valeria (Department of Humanistic Studies, University of Ferrara) - Vidale, Massimo (University of Padua, Department of Cultural Heritage, Italy)
- 17:45 **A UNIFIED RAW AND FIRED CLAY ANALYSIS METHOD: MATERIAL SHEET AND APPLICATION TO „LUCONE D“ PILE DWELLING SITE STRUCTURES**  
Bonusi, Stefano (Museo Archeologico della Valle Sabbia; Università degli Studi di Padova) - Baioni, Marco (Museo Archeologico della Valle Sabbia) - Tasca, Giovanni (Università degli Studi di Padova)
- 18:00 DISCUSSION SLOT

**1088 PERSISTENT INTERPRETATIONS AND CONTINUAL CHANGES. NEW THEORIES AND ALTERNATIVE APPROACHES TOWARD INTERDISCIPLINARY NARRATIVES OF THE PAST**

**Room:** 61=CU022-EXT-Aula D

**Time:** 11:00 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Limina, Valentina (Université Catholique de Louvain; F.R.S. - Fnrs) - Eypórsdóttir, Elísabet Ásta (University of Iceland) - Lancini, Loredana (Université Catholique de Louvain) - Møller-Nilsen, Kristin (University of Iceland) - Vyverman, Sarah (Université Catholique de Louvain; Ecole Normale Supérieure de Paris)

**ABSTRACTS**

- 11:00 INTRODUCTION

- 11:15 **PERSISTENCE AND CHANGE: DYNAMICS OF ALPINE ROCK ART DURING THE FINAL BRONZE AGE.**  
Brooks, Morgan (University of Auckland; the Holburne Museum)
- 11:30 **PERSISTING THROUGH CHANGE: RESILIENT COMMUNITIES IN ROMAN ITALY'S MIDDLE TIBER VALLEY**  
Hoffelinck, Adeline (Radboud University)
- 11:45 **RESILIENT OR ANTIFRAGILE? ON THEORETICAL APPROACHES TO RECONSTRUCT ANCIENT LANDSCAPES. THE CASE OF THE AGER VOLATERRANUS (C. 3RD BC-5TH AD)**  
Limina, Valentina (Université Catholique de Louvain)
- 12:00 **TWO FARMS, TWO ENVIRONMENTAL LEGACIES: COMPARING SOCIAL STANDING AND ENVIRONMENTAL IMPACT DURING ICELAND'S SETTLEMENT.**  
Eypórsdóttir, Elísabet (University of Iceland) - Erlendsson, Egill (University of Iceland, Reykjavík) - Júlíusson, Árni (Stefansson Arctic Institute, Akureyri, Iceland) - Farnsworth, Wesley (University of Iceland, Reykjavík; Globe Institute, University of Copenhagen)
- 12:15 **DOMESTICATION AND RESOURCE UTILIZATION IN NORTHERN ICELAND - IDENTIFYING SOCIAL ADAPTATION AND (RE)STRUCTURING FROM ZOOARCHAEOLOGICAL DATA FROM FARM MIDDEN SITES**  
Møller-Nilsen, Kristin (University of Iceland)
- 12:30 **PULLING TOGETHER POWER, WEALTH, AND PLAGUE IN MEDIEVAL NORTHERN ICELAND: CONTEXTUALIZING INTERDISCIPLINARY INFORMATION TO THEORETICALLY INTERPRET HUMAN-ECODYNAMICS IN THE PAST**  
Harrison, Ramona (University of Bergen, Department of Archaeology, History, Cultural Studies and Religion) - Juliusson, Arni (University of Iceland, Faculty of Philosophy, History and Archaeology) - Hjartarson, Arni (Isor) - Hreidarsdóttir, Elin (Fsi - the Institute of Archeology, Iceland) - Olafsson, Stefan (Fsi - the Institute of Archeology, Iceland) - Erlendsson, Egill (University of Iceland) - Kristinsson, Axel (Reykjavik Academy, Iceland) - Brynjólfsson, Sveinn (Icelandic Met Office) - Møller-Nilsen, Kristin (University of Iceland) - Eypórsdóttir, Elísabet (University of Iceland)
- 12:45 DISCUSSION SLOT

## 1090 ARCHAEOBOTANICAL HERITAGE: COLLECT, PRESERVE, SHOW, SHARE!

**Room:** 60=CU022-EXT-Serra

**Time:** 14:00 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** D'Auria, Alessia (University of Naples „Federico II“, Department of Agricultural Sciences) - Speciale, Claudia (IPHES-CERCA, Catalan Institute of Human Palaeoecology and Social Evolution) - Kerfant, Céline (IPHES-CERCA, Catalan Institute of Human Palaeoecology and Social Evolution) - Matterne, Véronique (CNRS - Mnhn, UMR 7209 Archéozoologie-Archéobotanique, Sociétés, Pratiques, Environnements)

### ABSTRACTS

14:00 INTRODUCTION

14:15 BRAIN DATABASE: A SHARED RESEARCH COLLECTION FOR EFFECTIVE AND MULTIFACETED OUTREACH OF ITALIAN ARCHAEOBOTANY

Florenzano, Assunta (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia; Nbf - National Biodiversity Future Centre, Palermo) - Mercuri, Anna Maria (Laboratorio di Palinologia e Paleobotanica, Dipartimento Scienze Vita, Università degli Studi di Modena e Reggio Emilia; Nbf - National Biodiversity Future Centre, Palermo)

14:30 THE INTERNATIONAL COMMITTEE ON OPEN PHYTOLITH SCIENCE: A COMMUNITY EFFORT TO IMPROVE THE COLLECTION, PRESERVATION AND SHARING OF PHYTOLITH DATA.

Kerfant, Celine (On Behalf of Icops (International Committee On Open Phytolith Science, Universitat Pompeu Fabra)

14:45 ARCHAEOBOTANICAL HERITAGE: THE COLLECTION OF EDIBLES AND ORGANIC REMAINS OF NATIONAL ARCHAEOLOGICAL MUSEUM OF NAPLES

d'Auria, Alessia (University of Naples „Federico II“, Department of Agricultural Sciences) - Miele, Floriana (National Archaeological Museum of Naples) - di Pasquale, Gaetano (University of Naples „Federico II“, Department of Agricultural Sciences)

15:00 NOT SO BEAUTIFUL ENOUGH? THE ARCHAEOBIOLOGICAL HERITAGE HIDDEN FROM PUBLIC

Celma Martínez, Mireia (University of Murcia) - Haber Uriarte, María (University of Murcia)

15:15 CULTURAL HERITAGE AND BIODIVERSITY OF RIETI BASIN AND PIEDILUCO LAKE: ARCHAEOBOTANICAL EVIDENCE FROM LAKESHORE SETTLEMENT OF PADULI (CENTRAL ITALY)

Vanacore, Lucia (Department of Agricultural Sciences, University of Naples Federico II) - Virili, Carlo (Department of Science of Antiquities, Sapienza University in Rome) - Jaia, Alessandro (Department of Science of Antiquities, Sapienza University in Rome)

15:30 DIACHRONIC RECONSTRUCTION OF THE HUMAN-ENVIRONMENTAL RELATIONSHIP AT THE UNESCO WORLD HERITAGE SITE OF BUTRINT: A NEW ARCHAEOBOTANICAL PERSPECTIVE IN ALBANIA

Tomasini, Riccardo (Sapienza University of Rome) - Moricca, Claudia (Sapienza University of Rome) - Hernandez, David (University of Notre Dame) - Molla, Nevila (Institute of Archaeology Tirana) - Hodges, Richard (University of East Anglia) - Sadori, Laura (Sapienza University of Rome)

15:45 DISCUSSION SLOT

## 1091 ARCHAEOLOGY AND NATURE MANAGEMENT: FRIEND OR FOE? HOW ARCHAEOLOGICAL HERITAGE IS DEALT WITH IN NATURE CONSERVATION CONTEXT

**Room:** 37=CU005-FL2-Ponzi I

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Cordemans, Karl (Flemish Land Agency) - Schreurs, José (Heritage Agency) - Byrnes, Emmet (Department of Agriculture, Food and the Marine)

### ABSTRACTS

8:30 HOW ARCHAEOLOGISTS VIEW NATURE? AND HOW DOES THIS REFLECT IN NATURE PROTECTION LAWS?

Žaža, Petr (Masaryk University)

- 8:45 IN THE FIELD OF CONFLICTING INTERESTS. CURRENT CHALLENGES AT THE INTERFACE OF CULTURAL HERITAGE AND ENVIRONMENTAL POLICIES IN SWITZERLAND.  
Schaer, Andrea (Archaeokontor Gmbh/University of Bern)
- 9:00 THE EU HABITATS DIRECTIVE AND CULTURAL HERITAGE LEGISLATION AND REGULATION - SOME PERSPECTIVE FROM IRELAND  
Kirwan, Seán (National Monuments Service, Department of Housing, Local Government and Heritage)
- 9:15 DISCUSSION SLOT
- 9:30 STRIVING FOR SYNERGY: NATURE AND HERITAGE  
Young, Janine (National Trust) - Caroli, Vivivana (National Trust)
- 9:45 NATURE AND HERITAGE: HOW TO SEDUCE NATURE MANAGERS?  
Schreurs, Marie-José (Cultural Heritage Agency of the Netherlands)
- 10:00 INTEGRATING HERITAGE INTO LAND MANAGEMENT SCHEMES IN ENGLAND  
Poppy, Sarah (HE - Historic England)
- 10:15 DISCUSSION SLOT
- 11:00 SPATIAL CHALLENGES FOR ARCHAEOLOGICAL HERITAGE MANAGEMENT IN FLANDERS  
Gheysen, Korneel (Flemish Land Agency) - Cordemans, Karl (Flemish Land Agency)
- 11:15 WELL TOGETHER? CASE STUDY OF A NATURE PARK AS A WETLAND AND ARCHAEOLOGY CONSERVATION OPERATIONAL ENTITY  
Brancelj, Ana (Ljubljansko Barje Nature Park Public Institute; University of Savoie Mont Blanc)
- 11:30 DISCUSSION SLOT

## 1094 PERFORMATIVITY, NETWORKS AND AGENCY IN GEOMETRIC ICONOGRAPHY. TOWARDS AN AESTHETICS AND VISUAL LANGUAGE ARCHAEOLOGY

**Room:** 18=CU003-FL3-Morghen

**Time:** 8:30 - 13:00

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Moreno Padilla, María Isabel (Instituto Universitario de Investigación En Arqueología Ibérica. Universidad de Jaén (España) - Prieto-Olavaría, Cristina Alejandra (Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales (lanigla). CONICET, Cct Mendoza (Argentina); Universidad Nacional de Cuyo (Mendoza, Argentina)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 DIAMOND-SHAPED LATTICE PATTERN IN NUBIA (EGYPT, SUDAN)  
Wozniak, Magdalena (University of Copenhagen)
- 9:00 AVICENNIAN NOETICS AND AVERROIST AESTHETICS IN MARINID GEOMETRY  
Emparán Fernández, María Antonieta (Albert-Ludwigs-Universität Freiburg)
- 9:15 UNVEILING ICONOMETRIC CONVENTIONS: TALAMANA IN CENTRAL INDIAN ART  
Sharma, Priya (Archaeology; Art - Architecture; Culture; Ancient Indian History)
- 9:30 PRAEHISTORIC TEXTILES - MORE THAN JUST APPEARANCES AND HAPTIC  
Banck-Burgess, Johanna (Comtex)
- 9:45 GIVING SHAPES TO PLANTS. THE ABSTRACTION OF PLANT MOTIFS IN IBERIAN PAINTED POTTERY (3RD-1ST CENTS. BCE)  
Harding, Pablo (Universidad Autónoma de Madrid) - Uroz-Rodríguez, Hector (Universidad de Murcia)
- 10:00 MORE THAN JUST CONCENTRIC CIRCLES. PERFORMATIVITY AND AGENCY IN IBERIAN POTTERY OF THE UPPER GUADALQUIVIR  
Moreno Padilla, María Isabel (Instituto Universitario de Investigación En Arqueología Ibérica. Universidad de Jaén)
- 10:15 DISCUSSION SLOT

- 11:00 **SYMBOLIC GRAPHIC CODES AND THEIR ROLE IN THE COMMUNICATIVE PROCESS IN THE SOUTHERNMOST PART OF THE WORLD (PATAGONIA, CHILE)**  
Muñoz-Soto, Camila (Université Paris 1 Panthéon-Sorbonne, Ed112, UMR 8068 Temps; Universidad de Castilla-La Mancha, Fac. de Ciencias de la Educación y Humanidades)
- 11:15 **THE LINE IS ALIVE. ANDEAN ONTOLOGICAL PERSPECTIVES ON THE GEOMETRICAL ICONOGRAPHY OF TIWANAKU KERU VESSELS (500-1100 CE)**  
Villanueva Criales, Juan (Universidad Mayor de San Andrés)
- 11:30 **AMERINDIAN SHAMANIC PERSPECTIVISM AND DIAGUITA VISUAL ART: CONTRIBUTION OF SYMMETRY IN INDIGENOUS IDENTITIES CONSTRUCTION**  
González Carvajal, Paola (El Olivar Foundation)
- 11:45 **GEOMETRIC DESIGNS OF VILUCO CERAMICS. APPROACH FROM ARCHAEOLOGY AND INDIGENOUS KNOWLEDGE (MENDOZA, ARGENTINA)**  
Prieto-Olavarría, Cristina (lanigla, CONICET) - Herrera, Liliana (Comunidad Huarpe Guaytamari; Organización de Naciones y Pueblos Indígenas En Argentina) - Candito Herrera, Cintia (Comunidad Huarpe Guaytamari)
- 12:00 **SYMMETRIES OF CULTURE**  
Washburn, Dorothy (Oberlin College; University of Pennsylvania)
- 12:15 **DISCUSSION SLOT**

## 1095 **SCALE MATTERS. THE COMPLEXITY OF RECONSTRUCTING PAST HUMAN-ENVIRONMENT INTERACTIONS**

**Room:** 66=CU022-FL1-Bettolo  
**Time:** 8:30 - 10:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Discussion session (with formal abstracts)  
**Organisers:** Walker-Friedrichs, Fiona (Kiel University) - Vandam, Ralf (Vrije Universiteit Brussel) - Willett, Patrick (Vrije Universiteit Brussel)

### ABSTRACTS

- 8:30 **WHY SCALE MATTERS**  
Walker-Friedrichs, Fiona (Roots- Cluster of Excellence, Kiel University)
- 8:45 **RECONSTRUCTING PLANT FOOD ECONOMY AT A FUNNEL BEAKER VILLAGE: HANDLING ABUNDANT DATA FROM A SMALL SITE**  
Krubeck, Sara (Kiel University)

- 9:00 **EXPLORING THE POTENTIAL OF WELL-LIKE FEATURES AS A SOURCE OF ENVIRONMENTAL ARCHAEOLOGICAL INFORMATION. CASE STUDY FROM SOUTHERN BULGARIA**  
Katreva, Yoanna (Faculty of History, Sofia University "St. Kliment Ohridski", Sofia, Bulgaria; Division of Palaeobotany and Palynology, Institute of Biodiversity & Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria) - Marinova, Elena (Laboratory for Archaeobotany, State Office for Cultural Heritage Baden-Württemberg, Gaienhofen-Hemmenhofen, Germany) - Andonova-Katsarski, Mila (Division of Palaeobotany and Palynology, Institute of Biodiversity & Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria) - Boyadzhiev, Kamen (Exhibitions Department, National Archaeological Institute With Museum, Bulgarian Academy of Sciences, Sofia, Bulgaria) - Boyadzhiev, Yavor (National Archaeological Institute With Museum at the Bulgarian Academy of Sciences, Sofia, Bulgaria) - Bozhinova, Elena (Regional Archaeological Museum - Plovdiv, Bulgaria) - Zidarov, Petar (Freelance Archaeologist) - Petrov, Valeri (Institute of Ethnology and Folklore Studies With Ethnographic Museum, Bulgarian Academy of Sciences, Sofia, Bulgaria)

9:15 **DISCUSSION SLOT**

9:30 **ON UNINTUITIVITY OF SCALE: THE EMERGENCE OF GROUP AGENCIES THROUGH SPATIAL INTERACTIONS IN SOCIAL-ECOLOGICAL SYSTEMS**

Sikk, Kaarel (University of Tartu)

9:45 **UNRAVELING THE COMPLEXITY OF HUMAN-ENVIRONMENTAL DYNAMICS IN THE WESTERN TAURUS MOUNTAINS. INSIGHTS FROM INTERDISCIPLINARY RESEARCH AT SAGALASSOS**

Vandam, Ralf (Vrije Universiteit Brussel) - Willett, Patrick (Vrije Universiteit Brussel) - Şenkuş, Çetin (Süleyman Demirel Üniversitesi)

10:00 **A TALE OF TWO CHESTNUTS: MODELLING THE ECOLOGICAL NICHE OF CASTANEA CRENATA AND AESCULUS TURBINATA DURING THE JOMON PERIOD**

Brainerd, Leah (University of Cambridge) - Crema, Enrico (University of Cambridge)

10:15 **DISCUSSION SLOT**



## 1103 EMBODIED IDENTITIES: UNRAVELING SYMBOLIC THREADS THROUGH ORNAMENTS, GARMENTS, AND PORTABLE OBJECTS

**Room:** 68=CU028-FLG-Aula 2

**Time:** 8:30 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Kurzawska, Aldona (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Baysal, Emma (Department of Archaeology, Ankara University) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology Adam Mickiewicz University) - Cartolano, Mattia (University of Bologna) - Yelözer, Sera (National Geographic Society Funded Small Things Big Stories Project)

### ABSTRACTS

8:30 INTRODUCTION

8:45 SHELL ORNAMENTS OF GRAVETTIAN COMMUNITIES: MOBILITY AND SOCIAL IDENTITY IN UPPER PALAEOLITHIC POLAND

Kurzawska, Aldona (Faculty of Archaeology, Adam Mickiewicz University) - Wilczyński, Jarosław (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Department of Vertebrate Zoology) - Apolinarska, Karina (Institute of Geology, Adam Mickiewicz University) - Mrozek-Wysocka, Małgorzata (Institute of Geology, Adam Mickiewicz University) - Głód, Anna (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

9:00 DIACHRONIC EVOLUTION AND GEOGRAPHIC DIFFERENTIATION IN LATE EPIGRAVETTIAN SOCIETIES: BIOGRAPHICAL APPROACH TO ORNAMENTS FROM TAGLIENTE ROCK-SHELTER (VERONA, NE ITALY)

Hoareau, Leïla (CEPAM UMR 7264) - Fontana, Federica (Università di Ferrara) - Beyries, Sylvie (CEPAM UMR 7264, CNRS)

9:15 NEW DATA ON THE LATE MAGDALENIAN SYMBOLIC CULTURE IN POLAND

Plonka, Tomasz (Institute of Archaeology University of Wrocław) - Przeździecki, Michał (Faculty of Archaeology Warsaw University) - Diakowski, Marcin (Institute of Archaeology University of Wrocław) - Niedźwiedzki, Robert (Institute of Geological Sciences University of Wrocław) - Ziółkowski, Grzegorz (Faculty of Mechanical Engineering Wrocław University of Science and Technology)

9:30 MESOLITHIC TRADITION IN NEOLITHIC CONTEXT - PERSONAL ORNAMENTS IN FUNERARY PRACTICES OF CENTRAL EUROPE: A CASE STUDY FROM POLAND  
Głód, Anna (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Kurzawska, Aldona (Faculty of Archaeology Adam Mickiewicz University) - Apolinarska, Karina (Institute of Geology, Adam Mickiewicz University) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology Adam Mickiewicz University) - Żurkiewicz, Danuta (Faculty of Archaeology Adam Mickiewicz University)

9:45 SMALL THINGS, BIG STORIES: BODILY IDENTITIES AT THE NEOLITHIC TRANSITION IN SOUTHWEST ASIA

Baysal, Emma (Ankara University)

10:00 LEAF-SHAPED MOTIF IN NEOLITHIC ENGRAVINGS. A DISCUSSION OF IMAGE PRODUCTION AND INTERPRETATION OF PORTABLE OBJECTS

Cartolano, Mattia (University of Bologna)

10:15 DISCUSSION SLOT

11:00 A NEOLITHIC TECHNOLOGICAL APPROACH TO THE PRODUCTION OF STONE BEADS: INSIGHTS FROM THE ANALYSIS OF THE NAHAL HEMAR CAVE ASSEMBLAGE

Bar-Yosef, Daniella (Steinhardt Museum of Natural History) - Porat, Naomi (Geological Survey of Israel) - Groman-Yaroslavski, Iris (University of Haifa)

11:15 THE PRODUCTION AND UTILIZATION OF PLASTER BEADS FROM NAHAL HEMAR CAVE: A MULTI-DISCIPLINARY APPROACH

Shafir, Yaara (Zinman Institute of Archaeology, School of Archaeology and Maritime Civilizations, University of Haifa) - Groman-Yaroslavski, Iris (Zinman Institute of Archaeology, School of Archaeology and Maritime Civilizations, University of Haifa) - Friesem, David (University of Haifa) - Bar-Yosef Mayer, Daniella (The Steinhardt Museum of Natural History, Tel Aviv University)

11:30 BEADS AND IDENTITIES AT A IKLI HÖYÜK: A NETWORK OF RELATIONSHIPS

Yelözer, Sera (Small Things, Big Stories Project Funded By National Geographic Society, Istanbul, Turkey) - Pereira, Daniel (Centre National de la Recherche Scientifique - CNRS, UMR-5199 PACEA, Bordeaux, France) - Rigaud, Solange (Centre National de la Recherche Scientifique - CNRS, UMR-5199 PACEA, Bordeaux, France) - Duru, Güneş (MIMar Sinan Fine Arts University, Istanbul, Turkey)

11:45 ORNAMENTS OF IDENTITY? DOUBLE-HOLED TRAPEZOIDAL CHALCOLITHIC PENDANTS AS A CULTURAL MARKER IN THE SOUTHERN LEVANT

Golani, Amir (Israel Antiquities Authority)

- 12:00 **PERSONAL ORNAMENTS FROM OSSEOUS RAW MATERIALS AND MOLLUSC SHELLS IN THE LATE NEOLITHIC IN EASTERN BALKANS**  
Vitezovic, Selena (Institute of Archaeology, Belgrade)
- 12:15 **BEYOND WARRIORS: INVESTIGATING LATE NEOLITHIC FEMALE BURIALS THROUGH COPPER ORNAMENTS**  
Sobkowiak-Tabaka, Iwona (Adam Mickiewicz University) - Kurzawska, Aldona (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Przybyła, Marcin M. (Dolmen Company, Kraków) - Włodarczak, Piotr (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 12:30 **STATUS AND IDENTITY DURING THE CHALCOLITHIC OF INNER IBERIA: THE STONE BEADS FROM THE TOMBS OF HUMANEJOS (MADRID, SPAIN)**  
Paulos-Bravo, Rodrigo (Complutense University of Madrid) - Garrido-Pena, Rafael (Universidad Autónoma de Madrid) - Herrero-Corral, Ana Mercedes (Austrian Archaeological Institute, Austrian Academy of Sciences) - Flores Fernández, Raúl (Independent Scholar, Madrid, Spain)
- 12:45 **DISCUSSION SLOT**
- 14:00 **A NEW STYLE OF CLOTHING AND ORNAMENT? SOME EARLY BRONZE AGE BURIAL GIFTS FROM WEST ANATOLIA**  
Oguzhanoglu, Umay (Pamukkale University)
- 14:15 **„BEADS IN DIBB AL-BAYAH: Exploring Personal Ornament and Identity Construction Across the Late Bronze Age – Early Iron Age Transition“**  
Larosa, Nunzia (University of New England) - Genchi, Francesco (University la Sapienza of Rome)
- 14:30 **FASHIONING WOMEN IN KERMA - BODY ORNAMENTATION AND CLOTHING IN THE EASTERN CEMETERY (2100 - 1450 BCE, SUDAN)**  
Yvanez, Elsa (University of Copenhagen) - Skinner, Lucy (University of Copenhagen)
- 14:45 **THE LEG RINGS OF THE KOBAN CULTURE IN THE CENTRAL CAUCASUS**  
Kotova, Nadezhda (Institute of Archaeology Ukrainian Academy of Sciences, Kyiv) - Makhortykh, Sergey (Institute of Archaeology Ukrainian Academy of Sciences, Kyiv)
- 15:00 **PERSONAL AMULETS FROM THE LATE SCYTHIAN NECROPOLIS CHERVONY MAYAK**  
Dzneladze, Olena (Institute of Archaeology of NASu)

- 15:15 **SKIN ORNAMENTS: EXPLORING IDENTITIES AND MATERIALITY THROUGH BODY MODIFICATION IN PAZYRYK**  
Pereira Gómez, Mar (Ecopast Gi-1553; University of Santiago de Compostela)
- 15:30 **DISCUSSION SLOT**
- 16:30 **UNVEILING IDENTITY DYNAMICS IN THE SILVER ‚ACORN‘ EARRINGS FROM TALL AL-‘UMAYRI, JORDAN**  
Verduci, Josephine (University of Melbourne)
- 16:45 **BEADED IDENTITIES: THE CONSTRUCTIVE POWERS OF JEWELLERY IN DANISH VIKING AGE BURIALS**  
Thompson, Emma (University of Leicester)
- 17:00 **OBJECTS OF IDENTITY? THE ROLE OF GRAVE GOODS IN VIKING AGE FUNERARY PRACTICES**  
Norstein, Frida Espolin (Department of Archaeology and Classical Studies, Stockholm University)
- 17:15 **MEDIEVAL PILGRIM BADGES FOUND IN NORWAY – PILGRIMAGE TO ITALIAN SHRINES FROM THE FRINGES OF THE CATHOLIC SOCIETY**  
Simonsen, Margrete (Museum of Cultural History)
- 17:30 **ADORNED IN SILK AND SILVER: TABLET-WOVEN BANDS IN HIGH-STATUS FEMALE DRESS OF THE LATE VIKING AGE**  
Rimstad, Charlotte (National Museum of Denmark)
- 17:45 **JEWELS, PIGMENTS AND COSMETICS: AN ENQUIRY INTO THE BUDDHIST CLAY SCULPTURE IN AFGHANISTAN (4TH/5TH -8TH CENTURY)**  
Forgione, Giulia (University of Naples „l’Orientale“; Italian Archaeological Mission in Afghanistan)
- 18:00 **BODY DECORATIONS IN THE ANDES, AN EXAMPLE OF BODY PAINTING AND TATTOOING IN THE CHANCAY CULTURE**  
Bak, Judyta (Jagiellonian Univeristy)
- 18:15 **DISCUSSION SLOT**

## 1111 NON-INVASIVE ARCHAEOLOGY: INTEGRATING SATELLITE, UAV, AND GEOPHYSICS WITH TRADITIONAL FIELD METHODOLOGIES PART 2

**Room:** 80=CU002-FL3-Aula 302

**Time:** 14:00 - 18:30

**Theme:** 2. Archaeological Sciences, Humanities and the Digital Era: Bridging the Gaps

**Format:** Regular session

**Organisers:** Wroniecki, Piotr (Montefortino Prospection & Digitalisation) - Peters, Manuel J.H. (Max Planck Institute of Geoanthropology) - Trapero Fernández, Pedro (Cádiz University)

### ABSTRACTS

14:00 INTRODUCTION

14:15 **STALAG VIII B (344) LAMSDORF IN THE LIGHT OF INTEGRATED ARCHAEOLOGICAL RESEARCH. THE CASE OF 60 ITALIAN POWS FROM LAMSDORF**  
Pawleta, Michal (Adam Mickiewicz University) - Kobiątko, Dawid (University of Łódź)

14:30 **MINERAL AND METALLURGICAL LANDSCAPE OF MOUNT AMIATA (TUSCANY, ITALY).**  
Dalle Vedove, Letizia (University of Siena) - Dallai, Luisa (University of Siena)

14:45 **FROM NON-INVASIVE SURVEY METHODS TO EXCAVATION: EXPLORING IRON AGE HILLFORTS AND ROMAN SETTLEMENTS IN THE ALISTE RIVER VALLEY, ZAMORA, SPAIN**  
Soler Rocha, Rafael (Aoc Archaeology; Universidad de Granada; Zamora Protohistórica) - Rodríguez Monterrubio, Óscar (Zamora Protohistórica) - González de la Fuente, Francisco (Zamora Protohistórica) - Eguilleor Carmona, Xabier (Zamora Protohistórica; Universidad de Salamanca) - Álvarez Cano, Óscar (Zamora Protohistórica)

15:00 **NEW EXCAVATIONS AT CRESWELL CRAGS: A LANDSCAPE APPROACH USING GPR**  
Perez Arana, Andres (University of Sheffield) - Kuykendall, Kevin (University of Sheffield) - Cockrell, Timothy (University of Sheffield) - Jones, Angharad (Creswell Crags)

15:15 **INVESTIGATING THE BIOGRAPHY, LAYOUT AND FUNCTION OF A NEOLITHIC ENCLOSURE. CASE STUDY FROM DZIELNICA (SW POLAND)**  
Furmanek, Mirosław (University of Wrocław, Institute of Archaeology)

15:30 **THE UNUSED POSSIBILITIES OF NON-INVASIVE PEDESTRIAN SURVEYS IN THE NETHERLANDS. A VERIFIED BUT UNUSED METHOD WITHIN THE DUTCH QUALITY STANDARD.**

De Raad, Jesper (Leiden University)

15:45 DISCUSSION SLOT

16:30 **ARCFIELDLAB - STIMULATING NETWORKS, KNOWLEDGE EXCHANGE, AND EXPERIMENTATION IN APPLIED SENSOR ARCHAEOLOGY FOR DUTCH FIELD RESEARCH**

Scholte, Mason (4D Research Lab, Universiteit Van Amsterdam) - Waagen, Jitte (Amsterdam Centre for Ancient Studies and Archaeology / 4D Research Lab, Universiteit Van Amsterdam)

16:45 **IDENTIFICATION OF ARCHAEOLOGICAL ELEMENTS WITH GROUND-PENETRATING RADAR (GPR): LABORATORY PRACTICES AND COMPARISON WITH REALITY**

Oliveira, Rui (Instituto de Ciências da Terra, Universidade de Évora; Departamento de Física, Universidade de Évora; Earslab - Earth Remote Sensing Laboratory, Universidade de Évora) - Trapero, Pedro (Área de Historia Antigua, Departamento de Historia, Geografía y Filosofía, Universidad de Cádiz, Spain; Earth Remote Sensing Laboratory (Earslab, Universidade de Évora, Portugal; Centro de História de Arte e Investigação Artística (Chaia, Universidade de Évora, Portugal) - Caldeira, Bento (Instituto de Ciências da Terra, Universidade de Évora; Departamento de Física, Universidade de Évora; Earslab - Earth Remote Sensing Laboratory, Universidade de Évora)

17:00 **THE GOOD, THE BAD AND THE UGLY- DUTCH DESK-BASED ARCHAEOLOGICAL RESEARCH AN EXAMPLE OF MULTIDISCIPLINARY APPROACH. CHANCE OR WASTED RESOURCE?**

Durczak, Kinga (Antea Group)

17:15 **COMPARATIVE NON-DESTRUCTIVE SURVEYS ON CENTURIATED ROMAN LANDSCAPE**  
Bödöcs, András (Eötvös Loránd Tudományegyetem) - Márkus, Gábor (Archaeodata 1998 Ltd)

17:30 **COMPARISON OF LARGE-SCALE MAGNETOMETRY MEASUREMENTS WITH EXCAVATION DATASETS IN EASTERN HUNGARY. FEATURE DETECTABILITY AND IDENTIFICATION POSSIBILITIES**

Mesterházy, Gábor (Hungarian National Museum - National Institute of Archaeology) - Pethe, Mihály (Hungarian National Museum - National Institute of Archaeology)

17:45 DISCUSSION SLOT

**1138 THE ANTI-HABI TOOLKIT: 2ND WORKSHOP ON SOLUTIONS AND MEASURES FOR PREVENTING AND ADDRESSING HARASSMENT, ASSAULT, BULLYING AND INTIMIDATION IN ARCHAEOLOGY**

**Room:** 38=CU005-FL2-Ponzi II

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** EAA Education, Training and Professional Development Advisory Committee

**Organisers:** Coltofean-Arizancu, Laura (EAA Education, Training and Professional Development Advisory Committee; EAA Appeal and Anti-Harassment Committee; Archaeology and Gender in Europe (Age) Community of the EAA) - Gaydarska, Bisserka (Archaeology and Gender in Europe (Age) Community of the EAA) - Hawkins, Kayt (Institute of Archaeology, University College London) - Hlad, Marta (Vrije Universiteit Brussel)

**1146 DISCOVERING THE ARCHAEOLOGISTS OF EUROPE, 10 YEARS LATER**

**Room:** 45=CU013-FL1-Conversi

**Time:** 14:00 - 16:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Round table

**Organisers:** Pintucci, Alessandro (Confederazione Italiana Archeologi) - Almánsa Sanchez, Jaime (Incipit-CSIC) - Gransard-Desmond, Jean-Olivier (Arkeotopia) - Scherzler, Diane (Dguf)

**1151 TIME FOR BIG CHANGES: TRANSFORMATIVE AND PERSISTENT IMPULSES IN THE 4TH AND 3RD MILLENNIA BC EUROPE**

**Room:** 103=CNR01-FL1-Marconi

**Time:** 8:30 - 10:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Diniz, Mariana (Centre for Archaeology - UNIARQ; School of Arts and Humanities; University of Lisbon) - Cerrillo, Enrique (Dpto. de Prehistoria, Historia Antigua y Arqueología; Facultad de Geografía e Historia; Universidad Complutense de Madrid) - Gottardi, Corina (University of Bern) - Schiess, Delphine (University of Bern) - Nordqvist, Kerkko (Helsinki Collegium for Advanced Studies)

**ABSTRACTS**

8:30 INTRODUCTION

8:45 THE INTENSIFICATION OF THE 4TH MILLENNIUM CAL BC IN SOUTHWESTERN IBERIAN PENINSULA: A COMPREHENSIVE EVALUATION FROM MULTIPROXY DATA Cerrillo-Cuenca, Enrique (Dpt. of Prehistory, Ancient History and Archaeology, Complutense University, Madrid, Spain; Giap - Grupo de Investigación En Arqueología Prehistórica, Complutense University, Madrid, Spain) - Almeida, Nelson (Department of History, University of Évora; UNIARQ, Centre for Archaeology, University of Lisbon, Lisbon, Portugal)

9:00 BETWEEN THE 4TH AND 3RD MILLENNIUM BC IN ALTO DOURO (NORTH OF PORTUGAL). WHAT HAPPENS IN THE LANDSCAPE. Muralha, João (Fcsh / Universidade Nova; CHAM)

9:15 AGRA DO CASTRO. A CONTRIBUTION TO THE UNDERSTANDING OF THE 3RD MILLENNIUM BC IN BEIRA LITORAL (PORTUGAL) Branco, Gertrudes (University of Évora/(Chaia)

9:30 DIFFERENT FEATURES FOR DIFFERENT WORLDS? POSITIVE AND NEGATIVE ARCHITECTURES DURING THE CHALCOLITHIC IN CENTRAL AND SOUTHERN PORTUGAL. Ribeiro, Inês (CHAIA/Universidade de Évora) - Diniz, Antonio (CHAIA/Universidade de Évora) - Almeida, Nelson (CHAIA/Universidade de Évora) - Rocha, Leonor (CHAIA/Universidade de Évora)

9:45 BURIAL TAPHONOMY AND MEGALITHIC RITUAL PRACTICES IN IBERIA: THE PANORÍA CEMETERY Vílchez Suárez, Miriam (University of Granada) - Aranda Jiménez, Gonzalo (University of Granada) - Díaz-Zorita Bonilla, Marta (University of Tübingen) - Robles Carrasco, Sonia (University of Granada) - Sánchez Romero, Margarita (University of Granada) - Milesi García, Lara (University of Málaga) - Becerra Fuelle, Paula (University of Granada)

10:00 "I COULD BRING YOU JEWELS - HAD I A MIND TO". FROM "EXOTIC" GRAVE GOODS TO INTERREGIONAL CULTURAL INTERACTION Corga, Mónica (UNIARQ - Centro de Arqueologia da Universidade de Lisboa. Faculdade de Letras de Lisboa; Morph | Grupo Dryas) - Almeida, Miguel (Morph | Grupo Dryas; UNIARQ - Centro de Arqueologia da Universidade de Lisboa. Faculdade de Letras de Lisboa) - Aubry, Thierry (Fundação Côa Parque; UNIARQ - Centro de Arqueologia da Universidade de Lisboa. Faculdade de Letras de Lisboa) - Aires,

Sílvia (Fundação Côa Parque; Instituto de Ciências da Terra – Pólo da Universidade Do Porto)

10:15 DISCUSSION SLOT

### 1154 STONE AGE THEORY IN AN UNDEFINED PARADIGM: GEN-Y TO Z, THIRD SCIENCE REVOLUTIONS TO NEW MATERIALISMS

**Room:** 11=CU003-FL1-Venturi

**Time:** 16:30 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Workshop

**Organisers:** Blaesild, Paulina (University of Gothenburg) - Kilhavn, Håvard (University of Stavanger) - Solfeldt, Erik (Stockholm University)

### 1155 DOWN MEMORY LANE. RECURRENCES IN TRANSFORMING LANDSCAPES

**Room:** 61=CU022-EXT-Aula D

**Time:** 14:00 - 18:30

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** La Rosa, Lorenza (University of Oslo) - Campus, Antonio (University of Pisa) - Limina, Valentina (F.R.S - Fnrs; Université Catholique de Louvain)

#### ABSTRACTS

14:00 INTRODUCTION

14:15 MARGINAL MEMORIES. SOME REFLECTIONS ON MYTHS AND PERCEPTIONS OF GEOTHERMAL AND VOLCANIC LANDSCAPES IN THE ITALIAN PENINSULA.  
Lancini, Loredana (Université Catholique de Louvain) - Limina, Valentina (Fnrs - Université Catholique de Louvain)

14:30 EXSULTANTIBUS UNDIS. THE RIVER ACI AS LANDSCAPE MAKER, BETWEEN AFFORDANCE AND MEMORY  
La Rosa, Lorenza (University of Oslo)

14:45 GINOSA PROJECT: THE SETTLEMENT CONTEXT OF MADONNA DATTOLI SITE BETWEEN OLD EXCAVATIONS, RECENT ACQUISITIONS AND RENEWED INTERPRETATIONS

Piccenna, Simona (University of Bari Aldo Moro) - Stasi, Virginia (University of Bari Aldo Moro) - Moro, Angelo (Freelance Archaeologist) - Fioriello, Custode (University of Bari Aldo Moro) - Cerri, Laura (Freelance Archaeologist) - Rotondo, Roberto (National Superintendency for Underwater Cultural Heritage)

15:00 CROPS AND MARSHLANDS, LAND USE AND RECURSIVE SETTLEMENT CHOICES IN THE AGER PISANUS (TUSCANY, ITALY)

Campus, Antonio (University of Pisa)

15:15 FROM CRAFTSMANSHIP DISTRICT TO CITY AND BACK AGAIN. THE CASE OF PISA BETWEEN THE LATE REPUBLICAN AND LATE ANTIQUE PERIODS.

Caroti, Alberto (Sapienza Università di Roma) - Fabiani, Fabio (Università di Pisa) - Genovesi, Stefano (Università degli Studi di Napoli „Federico II“)

15:30 FROM DESTRUCTION TO RENAISSANCE: CONTINUITY AND DISCONTINUITY IN LUCCA'S MEDIEVAL URBAN LANDSCAPE

d'Antoni, Francesco (Sapienza University of Rome)

15:45 DISCUSSION SLOT

16:30 FRAGMENTS OF AGRARIAN LANDSCAPES IN VAL DI CORNIA: RECURRENCES AND CHANGES OF AGRICULTURAL SPACES BETWEEN 18TH AND 20TH CENTURIES

Plateroti, Francesca (University of Siena) - Zanini, Enrico (University of Siena)

16:45 COMMUNITY MEMORIES PAINTED ON FACTORY SILOS: THE SECOND LIFE OF AN ECO-MONSTER OUTSIDE ROME AND A NEW IDENTITY LANDSCAPE

Bernardi, Martina (Roma Tre University)

17:00 WHEN THE PAST HITS THE HERDSMAN: DIACHRONIC ANALYSIS OF AN AGRO-PASTORAL BORDER LANDSCAPE IN MARCESINA PLAIN (NORTHERN ITALY)

Zecchinato, Sara (Department of History, Humanities and Formation - University of Sassari) - Azzalin, Giovanni (Department of History, Humanities and Formation - University of Sassari) - Magnini, Luigi (Department of Humanities - University of Venice) - de Guio, Armando (Department of Cultural Heritage: Archaeology, History of Art, Cinema and Music - University of Padova)

17:15 DISCUSSION SLOT

17:30 DISCUSSION SLOT

## 1157 THEORETICAL AND METHODOLOGICAL DEFINITION OF THE ARCHAEOLOGICAL POTENTIAL? IN PREVENTIVE ARCHAEOLOGY. CHALLENGES AND OPPORTUNITIES

**Room:** 45=CU013-FL1-Conversi

**Time:** 8:30 - 13:00

**Theme:** 3. The Life of Archaeological Heritage in Society

**Format:** Regular session

**Organisers:** Boi, Valeria (Istituto Centrale Per l'Archeologia (Ministero Della Cultura) - Marino, Sara (Università la Sapienza di Roma) - Castiello, Maria (University of Bern; Incipit - CSIC) - Bouwmeester, Jeroen (Cultural Heritage Agency, the Netherlands) - Rensink, Eelco (Cultural Heritage Agency, the Netherlands)

### ABSTRACTS

- 8:30 ASSESSING THE ARCHAEOLOGICAL POTENTIAL OF MESOLITHIC LANDSCAPES. A CASE STUDY FROM THE MEUSE VALLEY IN THE NETHERLANDS.  
Rensink, Eelco (Cultural Heritage Agency of the Netherlands)
- 8:45 THE CONCEPT OF ARCHAEOLOGICAL POTENTIAL : AN ANALYSIS OF THE METHODOLOGIES IN ITALY AND ABROAD  
Rizzitano, Filippo (Sapienza University of Rome) - Annamaria, Daniele (Sapienza University of Rome) - Fausti, Elena (Sapienza University of Rome)
- 9:00 ARCHAEOLOGY THAT BURNS. THE DEGREES OF EVALUATION OF ARCHAEOLOGICAL POTENTIAL  
Pedersoli, Stefano (University of Sassari) - Caloi, Luca (University of Sassari) - Venco, Veronica (University of Sassari) - Azzalin, Giovanni (University of Sassari) - Magnini, Luigi (Ca' Foscari University of Venice) - Milanese, Marco (University of Sassari)
- 9:15 CHALLENGES AND OPPORTUNITIES OF ASSESSING THE ARCHAEOLOGICAL POTENTIAL AND QUANTIFYING ARCHAEOLOGICAL RISK AT KHIRBAT ISKANDAR AND ITS ENVIRONS (JORDAN)  
d'Andrea, Marta (Sapienza Università di Roma, Dipartimento di Scienze Dell'Antichità) - Richard, Suzanne (Gannon University, Erie, Pa) - Long Jr, Jesse (Lubbock Christian University) - Forti, Luca (Università degli Studi di Milano, Dipartimento di Scienze della Terra „Ardito Desio“) - Zerboni, Andrea (Università degli Studi di Milano, Dipartimento di Scienze della Terra „Ardito Desio“) - Deady, Tucker (University of Toronto) - Lanzaro, Nicola (Sapienza Università di

Roma) - Cioffi, Carolina (Sapienza Università di Roma, Dipartimento di Scienze dell'Antichità)

- 9:30 THEORETICAL AND PRACTICAL DEFINITION OF THE ARCHAEOLOGICAL POTENTIAL OF SICILIAN LANDSCAPE AND PREVENTIVE ARCHAEOLOGY  
Ianni', Filippo (Arkeos S.C; Confederazione Italiana Archeologi - Sicilia) - Giannitrapani, Enrico (Arkeos S.C; Confederazione Italiana Archeologi - Sicilia; Dipartimento Culture e Società, Università di Palermo)
- 9:45 DIFFERENCES AND SIMILARITIES IN THE DEFINITION OF THE ARCHAEOLOGICAL POTENTIAL BETWEEN PLAINS AND MOUNTAINS. TWO CASE STUDIES UNDER ANALYSIS.  
Fini, Antonio Maria (Sapienza Università di Roma) - Sabbatini, Irene (Sapienza Università di Roma)
- 10:00 DISCUSSION SLOT
- 10:15 DISCUSSION SLOT
- 11:00 PREVENTIVE ARCHEOLOGY AND DESIGN OF ELECTRICAL WORKS: THE CAPACITY FOR DESIGN MITIGATION OF CONSTRUCTION RISK.  
Frapporti Battiti Moretti, Michela (Terna Spa) - Calabria, Maria Elena (Terna Spa) - Cirrincione, Roberto (Terna Spa) - Consigli, Simona (Terna Spa) - Macerola, Fabiana (Terna Spa) - Vattimo, Elena (Terna Spa) - Vitale, Simone (Terna Spa)
- 11:15 LEVERAGING MACHINE LEARNING IN REMOTE SENSING FOR ENHANCING ARCHAEOLOGICAL IMPACT ASSESSMENT: THEORETICAL CONSIDERATIONS AND FUTURE PROSPECTS  
Traviglia, Arianna (lit) - Giovanelli, Riccardo (lit) - Poggi, Giulio (lit)
- 11:30 THE ARTE PROJECT: FROM THE ARCHAEOLOGICAL MAP TO TERRITORIAL PLANNING  
Tadolti, Matteo (Università di Macerata) - Perna, Roberto (Università di Macerata) - Uricchio, Tiberio (Università di Macerata) - Ciuccarelli, Maria Raffaella (Università di Macerata)
- 11:45 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING APPLIED TO AERIAL PHOTOREADING: THE CASE STUDY OF TERNA SPA.  
Macerola, Fabiana (Terna Spa) - Cirrincione, Roberto (Terna Spa) - di Palma, Maria Anna (Ntt Data Italia) - di Tullio, Lorenzo (Terna Spa) - Ferrari, Veronica (Università del Salento) - Gugliandolo, Emanuele (Terna Spa) - Luzzi, Giuseppe (Terna Spa) - Parisella, Giuseppe (Ntt Data Italia) - Tarquini, Emanuele (Terna Spa)

- 12:00 DOES ARCHAEOLOGICAL POTENTIAL NECESSARILY BEGIN WITH POSITIVE DATA? THE WHARP APPROACH.  
De Davide, Claudia (Akhet Srl) - Glarey, Massimiliano (Akhet Srl) - Wicks, David (Akhet Srl)
- 12:15 CULTURAL RESOURCE MANAGEMENT PREDICTIVE MODELING - AVOIDING PITFALLS USING AI  
Clivaz, Emmanuel (Analyticbase; Archeobase)
- 12:30 APPLICATION TO BE A DISCUSSANT: MAPPING ARCHAEOLOGICAL HERITAGE IN SOUTH ASIA (MAHSA) PROJECT  
Petrie, Cameron (University of Cambridge) - Roberts, Rebecca (University of Cambridge) - Gs, Abhayan (University of Kerala) - Hameed, Mohammad (University of the Punjab) - Mushtaq, M. Waqar (Islamic University Bahawalpur) - Prabhakar, Vn (lit Gandhinagar) - Samad, Abdul (Department of Archaeology and Museum, Khyber Paktunkhwa) - Sv, Rajesh (University of Kerala) - Singh, Vikas (Banaras Hindu University) - Project, Mahsa (University of Cambridge)
- 12:45 DISCUSSION SLOT

**1159 BC\_BEFORE CHURCH. CULT BUILDINGS IN ANCIENT MEDITERRANEAN EUROPE. SESSION 1. BEYOND THE THRESHOLD: „INDOOR“ CULT-PLACES IN MEDITERRANEAN EUROPE**

**Room:** 34=CU005-FL1-Lucchesi  
**Time:** 14:00 - 18:30  
**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny  
**Format:** Regular session  
**Organisers:** Guidi, Alessandro (Dipartimento di Studi Umanistici - Università degli Studi Roma Tre) - Nomi, Federico (Scuola Superiore Meridionale) - Saltini Semerari, Giulia (Department of Anthropology, University of Michigan) - Lehoërff, Anne (Cy Cergy Paris Université)

**ABSTRACTS**

- 14:00 INTRODUCTION
- 14:15 NON-UTILITARIAN DEPOSIT PITS OF THE MIDDLE NEOLITHIC, FROM THE MEDITERRANEAN TO NORTHERN FRANCE: PROPITIATORY VOTIVE PRACTICES?  
Emmanuel, Ghesquière (Inrap - National Institute for Preventive Archaeological Research)

- 14:30 THE EMERGENCE OF RITUAL PITS: A CASE FROM THE EPIPALAEOLITHIC CONTEXT OF GEDIKKAYA CAVE IN NORTHWESTERN TÜRKIYE  
Sari, Deniz (Bilecik Seyh Edebali University)
- 14:45 THE ROLE OF NATURAL CAVES BETWEEN MARCHE AND ABRUZZO FROM NEOLITHIC TO IRON AGE  
Pignocchi, Gaia (Scuola di Scienze e Tecnologie - Università degli Studi di Camerino -)
- 15:00 NATURAL AND ARTIFICIAL CAVES IN CENTRAL TYRRHENIAN ITALY: METHODS OF FREQUENTATION BETWEEN THE ENEOLITHIC AND THE BRONZE AGE  
Metta, Christian (Centro Studi di Preistoria e Archeologia)
- 15:15 FROM CAVES TO HUTS... SACRED THRESHOLDS?  
Nomi, Federico (Scuola Superiore Meridionale; Associazione Orta) - Truffi, Michele (Dipartimento di Studi Umanistici - Università degli Studi Roma Tre; Associazione Orta) - Militello, Pietro (Dipartimento di Scienze Umanistiche - Università di Catania) - Guidi, Alessandro (Dipartimento di Studi Umanistici - Università degli Studi Roma Tre)
- 15:30 PLACES OF WORSHIP IN LAND AND WATER. BRONZE AGE HOARDS IN THE MEDITERRANEAN IN THEIR EUROPEAN CONTEXT.  
Lehoerff, Anne (Cy Cergy Paris University)
- 15:45 DISCUSSION SLOT
- 16:30 UNRAVELING THE BUNDLE: TRACING ANCIENT CULTS IN ITALY'S IRON AGE THROUGH CONTEXTUAL ANALYSIS OF RITE SPACES  
Tironi, Ilaria (IndependentResearcher)
- 16:45 EXPLORING SACRED RITES ON THE CELTIC PERIPHERY: THE SANCTUARIES OF CASTREJÓN DE CAPOTE AND EL CERRÓN DE ILLESCAS  
Ruano, Lucía (Universidad Complutense de Madrid) - Berrocal Rangel, Luis (Universidad Autónoma de Madrid) - Fernández-Götz, Manuel (University of Edinburgh) - Sánchez de Oro, Pablo (Universidad Autónoma de Madrid)
- 17:00 PAGANISM IN PRACTICE: AN ETHNOARCHAEOLOGICAL EXPLORATION OF SACRED SITES, RITUALS, CEREMONIES, AND BELIEFS IN RURAL ALBANIA  
Agolli, Esmeralda (Department of Archaeology and Culture Heritage, University of Tirana)
- 17:15 DISCUSSION SLOT
- 17:30 DISCUSSION SLOT

## 1163 COPING WITH CONFLICTS. INVESTIGATING DEESCALATION STRATEGIES IN PRE- AND EARLY-STATE COMMUNITIES

**Room:** 66=CU022-FL1-Bettolo

**Time:** 11:00 - 13:00

**Theme:** 4. Persisting with Change: Theory and Archaeological Scrutiny

**Format:** Regular session

**Organisers:** Loy, Anna (Christian-Albrechts-Universität Zu Kiel (Cau; Roots Cluster of Excellence) - Gentile, Valerio (Leiden University) - Andersen, Anna-Theres (Christian-Albrechts-Universität Zu Kiel (Cau; Roots Cluster of Excellence)

### ABSTRACTS

- 11:00 SYMBOLIC EXPRESSION AND HANDLING OF WEAPONS AS A DE-ESCALATING STRATEGY.  
Borake, Trine (Museum Vestsjælland, Denmark)
- 11:15 DIS-ARMING THE PAST: DEPOSITING DELIBERATELY DESTROYED WEAPONS ON EARLY IRON AGE ÖLAND, SWEDEN, AS A CONFLICT RESOLUTION STRATEGY?  
Nordin, André (Stockholm University)
- 11:30 DUELS & DEPOSITIONS. EXPLORING BRONZE AGE DE-ESCALATION STRATEGIES THROUGH EXPERIMENTATION AND MICRO-WEAR ANALYSIS.  
Gentile, Valerio (Leiden University; University of Göttingen)
- 11:45 DISCUSSION SLOT
- 12:00 PLACES OF CONFLICT - PLACES OF COPING?  
Loy, Anna (Roots Kiel)
- 12:15 THE SINTASHTA PARADOX: A NON-WARRING WARRIOR CULTURE FROM THE BRONZE AGE?  
Semyan, Ivan (Institute of Archaeology and Ethnography Nas Ra)
- 12:30 POST-VIKING ERA POPULATION OF SAMBIA AND ITS CONTACTS IN THE MIRROR OF MODERN SETTLEMENT ARCHAEOLOGY  
Prassolow, Jaroslaw Aleksei (Leibniz Zentrum für Archäologie (LEIZA-ZBSA) - Skvortsov, Konstantin (Independent Researcher)
- 12:45 DISCUSSION SLOT

## 1173 GENDER AND ECONOMIES IN TRANSITION IN THE 1ST MILLENNIUM BC MEDITERRANEAN

**Room:** 22=CU003-FL5-Pirrotta

**Time:** 8:30 - 13:00

**Theme:** 6. The Mediterranean from Within

**Format:** Regular session

**Organisers:** Saltini Semerari, Giulia (University of Michigan) - Ferrer, Meritxell (Universitat Pompeu Fabra) - López-Bertran, Mireia (Universitat de Valencia) - Leigh Newland, Tayla (University of Sydney) - Torres Gom-ariz, Octavio (Universitat d'Alacant)

### ABSTRACTS

- 8:30 INTRODUCTION
- 8:45 FAR FROM THE 'MED-DING' CROWD? GENDER, NETWORKS, AND THE WOOL TRADE IN EIA HIRPINIA  
Morris, Owain (Catalan Institute of Classical Archaeology, ICAC)
- 9:00 ECONOMIC CHANGE, GENDER, AND LABOR IN THE GREEK EARLY IRON AGE  
Murray, Sarah (University of Toronto)
- 9:15 GENDER, CONSUMPTION AND TRANSITIONING ECONOMIES: CASE STUDIES FROM ETRURIA TO CAMPANIA.  
Cuozzo, Mariassunta (University of Molise)
- 9:30 FORGING CONNECTIONS, WEAVING COMMUNITIES: MODES OF PRODUCTION AND CONSUMPTION IN THE SOUTHERN PORTUGUESE EARLY IRON AGE AND THEIR GENDERED DYNAMICS  
Gomes, Francisco (University of Lisbon)
- 9:45 GENDERED NETWORKS IN PRE-ROMAN ITALY: TRACING LOCAL AND REGIONAL INTERACTIONS.  
Newland, Tayla (The University of Melbourne)
- 10:00 HOW DO MEDITERRANEAN TRADE IMPACT POLITICAL STRUCTURES AND ENGENDER SOCIAL CONSTRUCTIONS IN NORTH ALPINE WORLD DURING THE SECOND IRON AGE?  
Feugnet, Aurélia (Service Archéologique de l'Aisne; UMR 7041 - Arscan) - Trémeaud, Caroline (Cellule Archéologique des Ardennes; UMR 8215 - Trajectoires)
- 10:15 DISCUSSION SLOT



- 11:00 DOMESTIC DUTIES, CIVIC VIRTUE: WOMEN'S ROLES IN WESTERN SICILIAN COMMUNITIES (8TH - 5TH CENTURY BC).  
Ferrer-Martín, Meritxell (Universitat Pompeu Fabra)
- 11:15 GENDER AND CRAFT PRODUCTION IN OENOTRIA DURING THE EIA-ARCHAIC TRANSITION  
Saltini Semerari, Giulia (University of Michigan)
- 11:30 INTRODUCING GENDER AND ECONOMIES IN THE IRON AGE ANCIENT MEDITERRANEAN. A PROPOSAL FROM THE GENDYTERRANEAN GROUP  
López-Bertran, Mireia (Universitat de Valencia) - Saltini Semerari, Giulia (University of Michigan) - Ferrer, Meritxell (Universitat Pompeu Fabra) - Leigh Newland, Tayla (University of Sydney) - Torres Gomariz, Octavio (Universitat d'Alacant)
- 11:45 DISCUSSION SLOT
- 12:00 DISCUSSION SLOT

**1184** **ARCHAEOLOGY AGAINST RURAL ABANDONMENT: RETHINKING MEDIEVAL AND POST-MEDIEVAL RURAL SETTLEMENT IN THE LIGHT OF THE CHALLENGES OF THE 21ST CENTURY**

**Room:** 32=CU002-FLG-Aula D

**Time:** 8:30 - 13:00

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Menendez Blanco, Andres (University of Oviedo) - Gago Chorén, Laura (University of Genoa) - Millán Pascual, Rafael (Institute of Heritage Sciences, CSIC)

**ABSTRACTS**

- 8:30 INTRODUCTION
- 8:45 REPOPULATING THE BRAES: UNDERSTANDING THE VALUE OF A REPOPULATING APPROACH TO THE ARCHAEOLOGY OF UPLAND SETTLEMENT IN THE SCOTTISH HIGHLANDS  
Stewart, Edward (University of Glasgow)
- 9:00 BEGINNING, CHANGE AND ABANDONMENT. LOOKING FOR THE TEMPORALITY OF SHEPHERD'S SETTLEMENTS IN MOUNTAIN REGIONS.  
Garcia Casas, David (Instituto de Ciencias del Patrimonio (Incipit) - CSIC) - Ballesteros Arias, Paula (Xunta de Galicia)

- 9:15 FROM LANDSCAPE ARCHAEOLOGY TOWARDS A SUSTAINABLE FUTURE FOR RURAL AREAS: ANALYZING THE CASE OF VELVA (LIGURIA, ITALY)  
Chorén, Laura (Università di Genova) - Blanco, Andrés (University of Oviedo)
- 9:30 ARCHAEOLOGICAL RESEARCHES FROM THE LIGURIAN APENNINES: MULTIDISCIPLINARY APPROACHES TO UNDERSTAND ABANDONMENT PROCESSES OF RURAL AREAS  
Piu, Caterina (Laboratory of Environmental Archaeology and History - University of Genova)
- 9:45 ABANDONMENT OF A RURAL LANDSCAPE. THE CASE OF SIERRA NEVADA (GRANADA, SPAIN)  
Paciotti, Ylenia (University of Genoa) - Stagno, Anna (University of Genoa)
- 10:00 RECENT TRANSFORMATIONS OF THE AGRARIAN LANDSCAPE OF ASTURIAS). PERSPECTIVES FOR ITS FUTURE FROM THE STUDY OF CULTURAL HERITAGE.  
Sánchez Broch, Paloma (Universidad de Oviedo) - Rodríguez Pérez, Santiago (Universidad de Oviedo)
- 10:15 DISCUSSION SLOT
- 11:00 FROM THE PAST TO THE FUTURE. ARCHAEOLOGY OF RURALITY IN EXTREMO (ARCOS DE VALDEVEZ, PORTUGAL)  
Blanco-Rotea, Rebeca (University of Minho, Landscapes, Heritage and Territory Laboratory - Lab2Pt; Associate Laboratory for Research and Innovation in Heritage, Arts, Sustainability and Territory (In2Past) - Magalhães, Fernanda (University of Minho, Landscapes, Heritage and Territory Laboratory - Lab2Pt; University of Minho, Unit of Archaeology; Associate Laboratory for Research and Innovation in Heritage, Arts, Sustainability and Territory (In2Past) - Oliveira, César (Hercules Laboratory, University of Evora; Associate Laboratory for Research and Innovation in Heritage, Arts, Sustainability and Territory (In2Past) - Conceição, Margarida (Art History Institute, Nova University of Lisboa) - Coradeschi, Ginevra (Hercules Laboratory, University of Evora)
- 11:15 THE OTHER TRANSITION: THE LONG LASTING END OF THE MIDDLE AGES IN CALABRIA  
Citter, Carlo (University of Siena)

- 11:30 BETWEEN STABILITY AND SEASONALITY. MEDIEVAL AND POST-MEDIEVAL VARIATIONS IN THE SETTLEMENT NETWORKS OF THE ASTURIAN MOUNTAINS (NORTHERN IBERIAN PENINSULA)  
Menendez Blanco, Andres (University of Oviedo) - Gago Chorén, Laura (Università di Genova)
- 11:45 DISCUSSION SLOT
- 12:00 DISCUSSION SLOT

### 1193 A LIQUID CONTINENT. LINKING SEASCAPES, SOCIAL POWER AND ECOLOGY IN THE MEDITERRANEAN

- Room:** 26=CU002-FL1-Aula VI  
**Time:** 16:30 - 18:30  
**Theme:** 6. The Mediterranean from Within  
**Format:** Regular session  
**Organisers:** Vanni, Edoardo (University for Foreigners of Siena) - Cambi, Franco (University of Siena) - Blasco Nuñez, Soledad (Centre D'Arqueologia Subaquàtica de Catalunya)

#### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 MOVING STONES. THE SPREADING OF GRANITES FROM THE TUSCAN ISLANDS IN THE ROMAN PERIOD  
Pagliantini, Laura (Università degli Studi di Siena)
- 17:00 FLUIDITY AND MATERIALITY. LINKING MEDITERRANEAN WATERSCAPES AND LAND THROUGH MATERIAL EVIDENCE  
Vanni, Edoardo (University for Foreigners of Siena - Italy) - Barthélemy, Filippo (Aix-Marseille (Momarch) - France)
- 17:15 MARITIME ROUTES AND ROMAN TRADE NETWORKS: INSIGHTS FROM THE CAMAGGI-TOMASELLO SHIPWRECK (2ND -1ST CENTURY BC)  
Barthélemy, Filippo (Momarch - University of Aix-Marseille) - la Rocca, Roberto (Soprintendenza del Mare - Regione Siciliana) - Carrera, Francesco (Soprintendenza Nazionale Per Il Patrimonio Culturale Subacqueo)
- 17:30 POPULONIA IN THE EARLY ROMAN PERIOD: THE TOWN, THE GULF OF BARATTI AND THE SEA  
Cambi, Franco (, Department of Historical Sciences and Cultural Heritage)

- 17:45 DISCUSSION SLOT

### 1208 „BUILDING BRIDGES: ADVANCING ARCHAEOLOGICAL HERITAGE AND TOURISM MANAGEMENT“. ORGANIZED BY THE COMMUNITY ON THE MANAGEMENT OF ARCHAEOLOGICAL HERITAGE AND TOURISM

- Room:** 62=CU022-EXT-Aula E  
**Time:** 16:30 - 18:30  
**Theme:** 3. The Life of Archaeological Heritage in Society  
**Format:** Workshop  
**Organisers:** Fonseca, Sofia (Teiduma, Consultancy On Heritage, Culture and Sustainability) - Thomas, Ben (Society of Architectural Historians)

### 1225 GENERAL SESSION

- Room:** 2=CU003-EXT-Vetri  
**Time:** 14:00 - 18:30  
**Theme:** 1. The Material Record: Current Trends and Future Directions  
**Format:** Regular session  
**Organisers:** Karabáš, Magdalena (European Association of Archaeologists)

#### ABSTRACTS

- 14:00 INTRODUCTION
- 14:15 GREEN MORTARS FOR CONSERVATION: UTILIZING AGRICULTURAL AND INDUSTRIAL WASTE FOR SUSTAINABLE RESTORATION.  
Adomako, Regina (University of Evora, Portugal; University of Sapienza, Rome)
- 14:30 MORTARS IN ANCIENT ROMAN AQUEDUCTS: WHAT IS THE SECRET FOR SURVIVING THROUGH MILLENNIA?  
Calzolari, Laura (Departement of Earth Sciences, Sapienza University of Rome) - Medeghini, Laura (Departement of Earth Sciences, Sapienza University of Rome) - Mignardi, Silvano (Departement of Earth Sciences, Sapienza University of Rome)
- 14:45 DEVELOPING A PREDICTIVE THEORY IN RECUPERATING COLLECTIVE AND SPECIFIC MEMORY AFTER STRUCTURAL APHASIA & BIAS  
Stein, Silvia ()

- 15:00 **VIS AUGUSTA: MONOPOLY ON VIOLENCE AND WEAPON CONTROL BETWEEN LEGAL PRACTICES AND IMPERIAL COMMUNICATION.**  
Boragno, Lorenzo (Le Mans Université)
- 15:15 **ALPHABETICAL NUMBERING (FROM THE ANTIKYTHERA MACHINE) USED IN TRADE SINCE THE BRONZE AGE AS A TOOL FOR MEDITERRANEAN CONNECTIVITY.**  
Fayer, Svetlana (Chercheur Indépendant)
- 15:30 **THE CONVERSION OF A FACILITY INTO AN URBAN ENVIRONMENT IN THE WESTERN PYRENEES**  
Mendizabal Sardonís, Oihane (Université de Pau et des Pays de l'Adour (Uppa; University of the Basque Country; Aranzadi Science Society) - Torregaray Pagola, Elena (University of the Basque Country)
- 15:45 **DISCUSSION SLOT**
- 16:30 **CREMATION PRACTICES IN ROMAN FUNERARY ARCHAEOLOGY: COMPARATIVE ANALYSIS OF POMPEII AND ROME NECROPOLISES**  
Miguélez González, Ana (Colegio de Doctores y Licenciados En Letras y Ciencias de Valencia y Castellón) - Alapont Martín, Llorenç (University of València) - Gallelo, Gianni (University of València) - Marcelli, Marina (Sovrintendenza Capitolina di Roma) - Mas Hurtuna, Pilar (University of València) - Ruiz López, Juan José (Fundación Antonia Clavel) - Thomas, Mark (University College of London) - Prasad, Aarathi (University College of London) - Macleod, Ruairidh (University of Cambridge) - Alfonso Llorens, Joaquin (Colegio de Doctores y Licenciados En Letras y Ciencias de Valencia y Castellón)
- 16:45 **SACRED LANDSCAPE IN ALGERIA: CREATION, DEVELOPMENT, AND CONCEPTUALIZATION OF THE CATHEDRAL SAINT PHILIPPE**  
Hadjas, Houria (EAA)
- 17:00 **THE MONUMENTAL ROCK RELIEFS OF HERACLES IN IRAN**  
Heidari, Ahmad (Azad University, Birjand Branch)
- 17:15 **NEW HOPES IN THE RESEARCH OF PLEISTOCENE CAVE SETTLEMENTS IN HUNGARY - THE PROJECT KÓLYUK I.**  
Szolyák, Péter (Herman Ottó Museum)
- 17:30 **THE ARENA PROJECT: A PRELIMINARY STUDY OF THE VILLAGE AND ITS CASTLE.**  
Felicioni, Camilla (University of Siena) - Martini, Marco (University of Siena)
- 17:45 **DISCUSSION SLOT**
- 18:00 **DISCUSSION SLOT**

# LIST OF SESSIONS

Session	Main organiser	Scheduled	Room	
13	Amphibious Archaeology, Waterscapes, and Fluidity	Mariana Nabais	31 Aug 8:30 - 16:00	83=CU- 002-FLG- -Aula T01
15	United Europe of Things? Materialities Creating Medieval Ritual Landscapes (c. AD 1000-1550)	Robert Webley	29 Aug 8:30 - 16:00	50=CU- 006-FLG- -Aula I
18	Fish * Forms * Functions: The Importance and Societal Role of Aquatic Resources in Prehistoric Societies	Daniel Groß	30 Aug 8:30 - 16:00	78=CU- 002-FL- 2-Aula 201
33	Earthen Architecture and Its Environmental Dimension, from the Past to the Future	María Pastor Quiles	31 Aug 8:30 - 13:00	56=CU- 033-FL- 2-Baroni
34	Archaeology, Landscape and Skyscape. How Material Archeology Change and Persist with Different Ontological and Epistemological Interpretations	Jose Balbi	29 Aug 14:00 - 18:30	35=CU- 005-FL- 1-Gismondi I
37	Landscapes of Sustainability: Resource Exploitation in the Mediterranean	Lucia Nixon	31 Aug 14:00 - 18:30	21=CU- 003-FL- 4-Aula C
42	Europe-South Asia Relations in the Medieval and Modern Periods	Sophie Hueglin	29 Aug 14:00 - 16:00	62=CU- 022-EXT- -Aula E
57	What Do We Need to Know to Understand Stone Age Migration and Mobility?	Anders Högberg	29 Aug 14:00 - 18:30	16=CU- 003-FL- 3-Chabod
58	Archaeologies of Global Outlands. Non-Agricultural Economies and Interconnected Societies	Sergio Escribano-Ruiz	29 Aug 14:00 - 16:00	20=CU- 003-FL- 4-De Martino
63	Shifting Focus: The Cultural Context of Figurines in the European Neolithic	Valeska Becker	30 Aug 8:30 - 13:00	29=CU- 002-FL- 1-Aula IX

Session	Main organiser	Scheduled	Room	
72	Biological Anthropology Insights into Behavioral and Cultural Changes	Isabelle Crevecoeur	29 Aug 8:30 - 13:00	66=CU- 022-FL- 1-Bettolo
74	Establishing a Socio-Political Bioarchaeology in Historical Times: Impacts of Status-Quo Transitions on Lifeways and Deathways in the Mediterranean Southern Europe	Dimitra Michael	29 Aug 14:00 - 18:30	21=CU- 003-FL- 4-Aula C
76	Exploring Sounds and Music in Archaeological Landscapes	Margarita Díaz-Andreu	31 Aug 8:30 - 13:00	14=CU- 003-FL- 3-Simonetti
83	What's Going on with Finder-Collectors where You Are?	Suzie Thomas	30 Aug 14:00 - 16:00	49=CU- 006-FLG- -Aula B
85	Trade Hub? Safe Haven? Ritual Centre? The Role of Ditch Systems and Central Sites in the Neolithic	Jakob Maurer	30 Aug 8:30 - 13:00	34=CU- 005-FL- 1-Lucchesi
88	Colonizing the New World: The Impact of Roman Imperialism across the Atlantic	Emily Hanscam	31 Aug 8:30 - 13:00	36=CU- 005-FL- 1-Gismondi II
92	Stable Isotope Analysis of Central and Eastern European Skeletal Remains	Ariana Gugora	31 Aug 8:30 - 18:30	5=CU- 003-BAS- -Archeologia
93	Post-Earthquake Scenarios in the Classical and Medieval Periods. Archaeoseismology as a Tool for Investigation on an Urban and Architectural Scale	Andrea Arrighetti	29 Aug 14:00 - 18:30	48=CU- 006-FLG- -Aula C
95	Second Millennium BCE Burial Practices in the Central and Eastern Mediterranean from an Interdisciplinary Perspective	Elisabetta Borgna	31 Aug 8:30 - 16:00	3=CU- 003-BAS- -Partenone
104	Zoochanges: Animals as Proxies during Periods of Transition and Change	Nelson Almeida	29 Aug 8:30 - 18:30	80=CU- 002-FL- 3-Aula 302
105	How Were Medieval Towns in Europe Formed? Urban Settlements Between the Early and the High Middle Ages	Mauro Vassena	29 Aug 8:30 - 13:00	45=CU- 013-FL- 1-Conversi

Session		Main organiser	Scheduled	Room
120	Divide and Conquer? Advancing Multiscale Theoretical Frameworks for Archaeological Ceramics in Northwestern Europe	Eniko Hudak	29 Aug 11:00 - 13:00	60=CU- 022-EXT- -Serra
122	Indicators of Nonprivileged Populations from Funerary Contexts: Multidisciplinary Approaches to Assessing Disparities in Past Populations	Pere Gelabert	29 Aug 8:30 - 13:00	25=CU- 002-FL- 1-Aula V
135	All in One Breath: (Bio)Archaeological Approaches to Respiratory Diseases	Maia Casna	29 Aug 14:00 - 18:30	37=CU- 005-FL- 2-Ponzi I
139	Understanding the Broader Picture: Multi-Site and Longue Durée Approaches to the Study of Recycling, Repair, and Secondary Use in Antiquity	Emanuele Intagliata	30 Aug 14:00 - 18:30	37=CU- 005-FL- 2-Ponzi I
143	ResourceCultures - Socio-Cultural Dynamics and the Use of Resources	Martin Bartelheim	30 Aug 8:30 - 13:00	43=CU- 013-FL- 1-Careri
151	The Beasts Among Us: A Closer Look at Synanthropic Human-Animal Relations in the Past	Ingeborg Hornkjøl	29 Aug 14:00 - 18:30	45=CU- 013-FL- 1-Conversi
157	Multidisciplinary Approaches to Human Behavior and Environmental Dynamics of Late Early Pleistocene and Middle Pleistocene Europe	Carolina Cucart- -Mora	30 Aug 14:00 - 18:30	70=CU- 028-FL- 1-Aula 3
160	Mysterious Mud: A Transversal Approach to Interpreting Unsolved Earthen Remains	Alejandra Sánchez Polo	30 Aug 16:30 - 18:30	4=CU- 003-BAS- -Auletta
173	Early Careers on the Roman Frontiers? Connecting People, exploring innovative methods, advancing interdisciplinarity	Marta Alberti	29 Aug 8:30 - 13:00	48=CU- 006-FLG- -Aula C
182	Invisible or Hard to See: Non-burial Treatment of the Dead in the Archaeological Record	Alison Klevnäs	30 Aug 8:30 - 16:00	65=CU- 022-FLG- -Giacomini
184	Archaeology of Foodways: Towards a Cross-Cultural Comparative Perspective	Jiajing Wang	30 Aug 8:30 - 16:00	3=CU- 003-BAS- -Partenone
188	Cult Practices in the Ancient Mediterranean: Mobility, Changes, and Persistence	Erica Angliker	29 Aug 8:30 - 13:00	1=CU- 003-EXT- -CISADU

Session		Main organiser	Scheduled	Room
192	Frontiers of Heritage: Cultural Landscapes, Community Interactions, and Methodological Approaches	Qian Gao	31 Aug 14:00 - 16:00	66=CU- 022-FL- 1-Bettolo
207	Divided by „Facts“: Re-thinking the Challenging Relationship between Ancient Written Sources and the Archaeological Record through Telling Case Studies	Fabio Saccoccio	29 Aug 14:00 - 18:30	4=CU- 003-BAS- -Auletta
209	Not Another Session on Ethnicity! Replacing Ethnic with Other Types of Group Identities	Christos Giamakis	31 Aug 14:00 - 18:30	12=CU- 003-FL- 1-Toesca
210	Breaking Traditions: Sudden Change and Abandonment in Archaeological Landscapes	Cecilia Ljung	29 Aug 16:30 - 18:30	50=CU- 006-FLG- -Aula I
217	Materialising the Invisible. The Analysis of Rural Societies in the Transition to the Early Middle Ages in the Iberian Peninsula	Celtia Rodríguez- -González	29 Aug 14:00 - 18:30	42=CU- 005-BAS- -Aula 3
223	Monumental Issues: Archaeological Approaches to the Public Materialities of Contested Pasts	Nour A. Munawar	29 Aug 8:30 - 13:00	21=CU- 003-FL- 4-Aula C
226	Maritime Heterotopias: Novel Insights into the Archaeology of Maritime Cultural Landscapes in the Mediterranean and Beyond	Ioannis Nakas	30 Aug 14:00 - 18:30	62=CU- 022-EXT- -Aula E
240	Megaliths and the Community: Opportunities and Challenges of Community Engagement in the Management, Public Presentation, and Protection of Neolithic Landscapes	John H Jameson	29 Aug 8:30 - 13:00	37=CU- 005-FL- 2-Ponzi I
247	Essential or Essentialist: Sex and Gender Categories in Archaeological Interpretation	Bettina Arnold	30 Aug 16:30 - 18:30	25=CU- 002-FL- 1-Aula V
248	Lithics, Fauna: Let Them Refit!	Agnes Lamotte	30 Aug 8:30 - 16:00	57=CU- 033-FL- 4-Aula 6
301	What Is a Village? Collective Action, Settlement Patterns and Rural Communities	Juan Antonio Qui- rós Castillo	31 Aug 14:00 - 18:30	9=CU- 003-FL- 1-Aula IV
302	Luxury - Standard - Poverty: Archaeology of Quality of Life in Medieval and Early Modern Towns	Jakub Sawicki	31 Aug 8:30 - 13:00	10=CU- 003-FL- 1-Aula V

Session	Main organiser	Scheduled	Room	
306	Phoenician and Punic Archaeology in Europe (and Beyond): Receptions, Heritage, and Projects	Francisco Gomes	30 Aug 8:30 - 16:00	51=CU- 006-FLG- -Aula II
327	Human Influence on Coastal Paleoenvironments: A Geoaerchaeological Perspective of Human-Environmental Interactions from the Quaternary to the Anthropocene	Francesca Bulian	29 Aug 8:30 - 10:30	60=CU- 022-EXT- -Serra
330	Textile Records: Past, Present and Future of Textile-Related Artefacts Recording in the Mediterranean and beyond	Alina Iancu	31 Aug 8:30 - 16:00	55=CU- 033-FL- 2-Mortara
331	Across Deserts and Seas: Tempos and Modes of Neolithization in the Horn of Africa and the Arabian Peninsula	Olivier Scancarello	29 Aug 11:00 - 13:00	62=CU- 022-EXT- -Aula E
332	Change and Persistence in the Transition from Late Hellenistic to Early Roman Imperial Times in the Eastern Mediterranean	Bas Beaujean	30 Aug 11:00 - 13:00	61=CU- 022-EXT- -Aula D
334	Ethnographic Analogy and the Pleistocene Archaeological Record: Re-assessing Potentials and Pitfalls	Marianna Fusco	30 Aug 11:00 - 16:00	46=CU- 013-FL- 2-Rasetti
336	Burial after the End of the World	Thomas Meier	29 Aug 8:30 - 13:00	9=CU- 003-FL- 1-Aula IV
340	Aftermath of War: Precarity and Consequences of Armed Conflicts from Prehistory to Early Modern Period	Uros Matic	30 Aug 8:30 - 18:30	5=CU- 003-BAS- -Archeologia
354	Scene City. Settlement Aggregation and Community Transformation in the Built Environment of the Eastern Mediterranean between IV-II Millennia BC.	Marialucia Amadio	30 Aug 14:00 - 18:30	38=CU- 005-FL- 2-Ponzi II
355	Ochre and Culture: The Odyssey from Exploitation to Societal Significance	Guilhem Mauran	29 Aug 8:30 - 16:00	28=CU- 002-FL- 1-Aula VIII
359	The 4th and 3rd Millennium BC Steppe Impact on Prehistoric Europe	Volker Heyd	29 Aug 8:30 - 16:00 30 Aug 14:00 - 18:30	101=CNR- 01-BAS- -Convegna

Session	Main organiser	Scheduled	Room	
364	Modeling Pleistocene Survival Dynamics: Ecology, Energetics and Evolution	Olalla Prado Nóvoa	30 Aug 8:30 - 10:30	46=CU- 013-FL- 2-Rasetti
369	Animals in Bronze Age Europe: New Perspectives	Joanna Brück	31 Aug 8:30 - 13:00	4=CU- 003-BAS- -Auletta
374	From Lab to Field, from Vertical to Horizontal. New Approaches to the Use of Portable X-ray Fluorescence (pXRF) in Archaeology	Luisa Dallai	29 Aug 8:30 - 13:00	10=CU- 003-FL- 1-Aula V
381	Capacity Building for FAIR Data Sharing and Digital Preservation	Thomas Rose	29 Aug 8:30 - 16:00	79=CU- 002-FL- 3-Aula 301
387	Archaeology & the Global Middle Ages: Opportunities, Challenges, and Future Trajectories	Hajnalka Herold	30 Aug 14:00 - 18:30	12=CU- 003-FL- 1-Toesca
390	Modelling connections: new methodologies to understand human mobility, route networks and land use	Mariacarmela Montesanto	29 Aug 8:30 - 16:00	11=CU- 003-FL- 1-Venturi
393	Continuity and Change in Ritual Landscapes Dynamics: Reuse and Transformation of Prehistoric Ritual Places	Jan Turek	29 Aug 8:30 - 16:00	67=CU- 028-FLG- -Aula 1
395	Old Stories and New Data on Slavs. How to Interpret the Genetic, Linguistic and Subsistence Shifts in Early Medieval Europe?	Jiri Machacek	31 Aug 8:30 - 13:00	17=CU- 003-FL- 3-Romeo
396	Exploring everyday domestic life: from the Neolithic to the early modern period	Annelou van Gijn	30 Aug 8:30 - 16:00	4=CU- 003-BAS- -Auletta
398	What Do Animal Bones Have to Offer? Zooarchaeology and Taphonomy during the Middle to Upper Palaeolithic Transition in Southern Europe	Cristina Real	31 Aug 8:30 - 13:00	42=CU- 005-BAS- -Aula 3
406	„Doing Good with Archaeology“: Social Sustainability and Activistic Practices to Transform People's Lives and Support Flourishing Communities	Francesco Ripanti	31 Aug 8:30 - 16:00	31=CU- 002-FLG- -Aula C
408	Crafting Iron Age Societies: Can Creativity, Technology, or Typology Highlight Human Past Transformations?	Joëlle Rolland	30 Aug 8:30 - 13:00	70=CU- 028-FL- 1-Aula 3

Session	Main organiser	Scheduled	Room	
409	Out across the Sea: Bell Beaker Maritime Connections and Networks in the Mediterranean	Eve Derenne	31 Aug 8:30 - 16:00	102=CNR 01-FLG- -Biblioteca
411	What Are the Next Challenges for the Professional Ethics of Human Remains?	Liv Nilsson Stutz	29 Aug 16:30 - 18:30	24=CU- 002-FL- 1-Lauree
417	Hispania and the Mediterranean: New Approaches to the Analysis of Sea-and-Inland Networks (3rd c. BC-7th c. AD)	Maria Rosa Pina Buron	29 Aug 14:00 - 18:30	13=CU- 003-FL- 1-Nobile
426	When Geophysics meets Archaeology: examples from Cultural Heritage to Rescue Archaeology	Pier Matteo Barone	31 Aug 8:30 - 16:00	79=CU- 002-FL- 3-Aula 301
430	Current Trends and Future Directions in Quarries and Rock-cut Sites Studies: Theory, Method and Dissemination	Frans Doperé	31 Aug 11:00 - 13:00	48=CU- 006-FLG- -Aula C
432	Residential Building Techniques with Wood and Daub in Prehistory: What We Find and What We Reconstruct	Klara Pusztaine Fischl	30 Aug 8:30 - 16:00	63=CU- 022-FLG- -Montalenti
433	Enclosed Societies: prehistoric ditches of Southeast Europe and the adjacent areas	Goce Naumov	30 Aug 8:30 - 13:00	101=CNR- 01-BAS- -Convegna
438	In spe resurrectionis. The multidisciplinary approach to crypt burials in early Modern Europe	Katarzyna Slusarska	31 Aug 14:00 - 18:30	29=CU- 002-FL- 1-Aula IX
439	Interdisciplinary and Multiscalar Approaches to Bioarchaeology in the Danube Provinces of the Roman Empire	Anna Szecsenyi-Nagy	30 Aug 14:00 - 16:00	66=CU- 022-FL- 1-Bettolo
446	The Grand Tour between Tradition and Transformation: Narratives, Presentations, and Representations	Ana Cristina Martins	31 Aug 8:30 - 13:00	21=CU- 003-FL- 4-Aula C
452	Coastal Technology among Stone Age Hunter-Gatherers and Early Agropastoral Communities	Jorge Calvo-Gómez	31 Aug 14:00 - 18:30	13=CU- 003-FL- 1-Nobile
460	Alternative paths to complexity: new perspectives on Late Bronze Age and Iron Age centralisation in the Mediterranean	Marcello de Vos	29 Aug 16:30 - 18:30	49=CU- 006-FLG- -Aula B
463	Methods of Analysing Subsistence Resources, Landscape Management and Exploitation Practices between the Bronze Age and Iron Age	Agostino Sotgia	30 Aug 8:30 - 13:00	14=CU- 003-FL- 3-Simonetti

Session	Main organiser	Scheduled	Room	
466	Facilitating Public Engagement and Participation in Development-led Archaeology	Mark Oldham	30 Aug 16:30 - 18:30	66=CU- 022-FL- 1-Bettolo
468	The relationship between rural settlements and the territory during the Roman period and Late Antiquity.	Marc Bouzas Sabater	31 Aug 8:30 - 13:00	12=CU- 003-FL- 1-Toesca
470	Bridging the Walls: Comparative Perspectives on Fortified Settlements	Enrico Lucci	31 Aug 8:30 - 16:00	6=CU- 003-FL- 1-Aula I
472	'Archaeologies of Climate Change?: Current issues and future directions	Caroline Heitz	31 Aug 8:30 - 16:00	11=CU- 003-FL- 1-Venturi
482	"Past Is Not Past": Environmental Effects of Past Land Use on Present Resources Ecology. Environmental Archaeology between Research and Application	Valentina Pescini	30 Aug 11:00 - 13:00	48=CU- 006-FLG- -Aula C
484	Archaeologies and Heritagizations of Historic and Contemporary Violence	Britt Baillie	31 Aug 8:30 - 13:00	9=CU- 003-FL- 1-Aula IV
492	Assessing Damage Caused to Archaeological Heritage: Expectations and Reality	Irina Olevska-Kairisa	30 Aug 8:30 - 13:00	64=CU- 022-FLG- -Aula C
493	Animals mediating the real and imaginary: In Search for New Understandings of Human-Animal Relationships	Anja Mansrud	31 Aug 8:30 - 18:30	30=CU- 002-FL- 1-Aula 101
496	From Micro to Macro: Integrating Micromorphology and Microcontextual Analyses for Archaeological Insights	Opeyemi Adewumi	29 Aug 8:30 - 16:00	70=CU- 028-FL- 1-Aula 3
497	Food Storage and Security in Prehistoric Europe	Meriel McClatchie	31 Aug 8:30 - 13:00	13=CU- 003-FL- 1-Nobile
498	Refuse in Context: Archaeology of Waste Management Practices in Ancient Mediterranean Urban Settings	Mario Gutiérrez-Rodríguez	31 Aug 14:00 - 16:00	64=CU- 022-FLG- -Aula C
499	Neutrons and Synchrotrons in Heritage Science: New Methods, Techniques, and Their Impact on Archaeology	Courtney Nimura	31 Aug 16:30 - 18:30	48=CU- 006-FLG- -Aula C
502	Advances in Japanese Archaeology	Britta Stein	30 Aug 8:30 - 13:00	8=CU- 003-FL- 1-Aula III

Session	Main organiser	Scheduled	Room	
505	Ethnographies of Makers and Making: Traditional Craft and Technology in Contemporary Societies	Kristen Pearson	31 Aug 8:30 - 16:00	25=CU- 002-FL- 1-Aula V
510	Rome's Place in an Eponymous Empire	John Hanson	29 Aug 14:00 - 18:30	15=CU- 003-FL- 3-Aula XXII
514	Applying Archaeological Research Software Engineering as Little Minions: Statistical & Computational Approaches to Daily Archaeological Tasks	Florian Thiery	31 Aug 14:00 - 18:30	42=CU- 005-BAS- -Aula 3
517	BC_Before Church. Cult Buildings in Ancient Mediterranean Europe. Session 2: Hut - Temple - Church (Xth BC - IIIrd-IVth AD)	Ugo Fusco	31 Aug 8:30 - 13:00	34=CU- 005-FL- 1-Lucchesi
520	Persisting and Changing Work Identities from the Prehistoric to the Hellenistic Mediterranean	Helle Hochscheid	29 Aug 16:30 - 18:30	29=CU- 002-FL- 1-Aula IX
522	Society in the Medieval Mediterranean (5th to the 12th Centuries) through Archaeology of Death	Jesús Brufal	30 Aug 8:30 - 13:00	42=CU- 005-BAS- -Aula 3
525	Exploring Dental Pathologies and Diet Across Time and Space: An Interdisciplinary Approach	Antonella Pedergnana	30 Aug 14:00 - 18:30	56=CU- 033-FL- 2-Baroni
531	Making Connections: Towards Archaeological Narratives in Contemporary Society	Kate Fernie	29 Aug 14:00 - 18:30	1=CU- 003-EXT- -CISADU
533	Forensic Archaeology: The Important Role of Archaeology in Legal and Humanitarian Investigations	Hayley Mickleburgh	30 Aug 14:00 - 18:30	2=CU- 003-EXT- -Vetri
538	Contacts, Movements, Migrations in the Viking Age: Maritime Aspects of the Norse Expansion into the North Atlantic	Alexandra Sanmark	31 Aug 14:00 - 16:00	35=CU- 005-FL- 1-Gismondi I
542	Medieval Sensorium: Exploring the Archaeology of the Senses	Zorana Dordevic	31 Aug 14:00 - 18:30	36=CU- 005-FL- 1-Gismondi II
544	New Directions for Metric and Nonmetric Biodistance Analysis in Europe and Beyond	Matthew Lee	31 Aug 16:30 - 18:30	64=CU- 022-FLG- -Aula C
548	"Land ahead!" Islands-Mainland Mobility across the Mediterranean in Prehistory	Maja Gori	30 Aug 14:00 - 18:30	45=CU- 013-FL- 1-Conversi

Session	Main organiser	Scheduled	Room	
549	Interdisciplinary Approaches to the Middle Paleolithic Record of the Balkan Peninsula	Gilliane Monnier	31 Aug 14:00 - 18:30	43=CU- 013-FL- 1-Careri
553	Advancing Paleolithic Intra-Site Spatial Analysis: New Methods, Applications, and Interpretation	Lucía Cobo-Sánchez	31 Aug 14:00 - 18:30	15=CU- 003-FL- 3-Aula XXII
556	Exploring Ancient Solutions for Modern Challenges: Archaeological Insights into Food Systems and Adaptations to Changing Environments	Margaux Depaermentier	29 Aug 16:30 - 18:30	102=CNR- 01-FLG- -Biblioteca
557	New Frontiers in Stable Isotope Research of Bioarchaeological Remains: Progress and Pitfalls	Silvia Soncin	30 Aug 16:30 -18:30 31 Aug 8:30 - 13:00	80=CU- 002-FL- 3-Aula 302
559	The Mediterranean(s) in Transition: Global Permanence(s), Material Culture(s), and Resilience between 5th and 10th Century AD	Nicolo Pini	31 Aug 14:00 - 18:30	37=CU- 005-FL- 2-Ponzi I
566	Multiple Scales in the Manifestations of the Islamic	Jose Carvajal Lopez	31 Aug 14:00 - 18:30	4=CU- 003-BAS- -Auletta
569	Unearthing the Echoes of Violence	Tania Casimiro	29 Aug 8:30 - 13:00	2=CU- 003-EXT- -Vetri
571	Debating Best Practices and New Approaches for a Sustainable Study of Rock Art	Marina Gallinaro	30 Aug 14:00 - 18:30	7=CU- 003-FL- 1-Aula II
575	Abandonment and Opportunities? Responses to the Late Medieval Desertion	Therese Nessel	30 Aug 14:00 - 16:00	61=CU- 022-EXT- -Aula D
577	Following the River: Flowscales as Clusters of Communication in the Ancient Mediterranean World	Mariachiara Franceschini	30 Aug 14:00 - 18:30	22=CU- 003-FL- 5-Pirrotta
579	Digital Approaches in Textile Archaeology from the Field to the Museum	Margarita Gleba	29 Aug 8:30 - 13:00	68=CU- 028-FLG- -Aula 2
588	Studies of Migration Period and Early Medieval Populations: Integrating Natural Sciences and Humanities	Valerie Palmowski	31 Aug 8:30 - 16:00	69=CU- 028-FL- 1-Aula 5



Session		Main organiser	Scheduled	Room
591	Beyond the Walls. Interrogating the Wider Landscapes of Iron Age Communities in Temperate Europe	César Parcero-Oubiña	29 Aug 8:30 - 13:00	43=CU- 013-FL- 1-Careri
592	Decision-making and Assessing and Articulating Archaeological Significance	Marjolein Verschuur	29 Aug 14:00 - 18:30	43=CU- 013-FL- 1-Careri
593	Whither Evolutionary Archaeology?	Eugenio Bortolini	29 Aug 8:30 - 13:00	4=CU- 003-BAS- -Auletta
594	"All Roads Lead to the South", Facing the European Palaeolithic from the South of the Iberian Peninsula	M <sup>a</sup> Ángeles Medina-Alcaide	30 Aug 8:30 - 13:00	10=CU- 003-FL- 1-Aula V
595	The Living Heritage: Archaeological Cultural Routes in the Context of Cultural Tourism Networks	Marta Rakvin	31 Aug 8:30 - 13:00	24=CU- 002-FL- 1-Lauree
597	Migration and the Making of the Ancient Greek World	Naoise Mac Sweeney	31 Aug 14:00 - 16:00	18=CU- 003-FL- 3-Morghen
598	The Archaeobotany of Cities and Urban Landscapes	Federica Riso	29 Aug 8:30 - 16:00	69=CU- 028-FL- 1-Aula 5
600	Churches as Resources for Society? Co-Creating Knowledge and Capturing Social Value	Thomas Pickles	31 Aug 8:30 - 10:30	64=CU- 022-FLG- -Aula C
613	Making the Most of What We've Got: Activating Museum Collections, Monuments and Built Heritage	Bettina Ebert	29 Aug 8:30 - 18:30	30=CU- 002-FL- 1-Aula 101
615	Archaeology of Archaeology?	Gert van Wijngaarden	29 Aug 14:00 - 18:30	17=CU- 003-FL- 3-Romeo
616	Whose Heritage? Migration and Heritage: Problem or Opportunity?	Gabor Viragos	31 Aug 16:30 - 18:30	35=CU- 005-FL- 1-Gismondi I
617	From Lots of Data to Big Data: Strategies for Quality, Reusability, and Accessibility of Databases	Nicoline Schjerven	31 Aug 14:00 - 18:30	14=CU- 003-FL- 3-Simonetti
626	MERC Forum. Standing Ruined Buildings in Large Cities: A Burden or a Resource for Society?	Elisabeth Lorans	30 Aug 16:30 - 18:30	26=CU- 002-FL- 1-Aula VI
627	More than Fire: Investigating Pyre Technology in Experimental and Archaeological Cremations for Understanding the Burning Conditions	Elisavet Stamatakis	31 Aug 8:30 - 13:00	7=CU- 003-FL- 1-Aula II

Session		Main organiser	Scheduled	Room
629	Living Through Crisis: Urban Household Archaeologies in the Medieval World	Ben Jervis	29 Aug 14:00 - 16:00	60=CU- 022-EXT- -Serra
631	"?A Day without Pottery Is a Day Wasted" - Pottery Technology and Manufacture	Derek Hall	30 Aug 8:30 - 16:00	28=CU- 002-FL- 1-Aula VIII
632	Multiscalar Methods for Studying Ancient Landscape Developments and Settlement Dynamics in the Classical World between Archaeology and Heritage Management	mattia ippoliti	29 Aug 14:00 - 18:30	22=CU- 003-FL- 5-Pirrota
637	Unveiling Eurasia's Prehistoric Techniques through Use-Wear Analysis: A Cross-Cultural Exploration	Hong Chen	29 Aug 14:00 - 18:30	14=CU- 003-FL- 3-Simonetti
638	Symbolism and Society during the Late Prehistory of Western Europe: Megaliths and Hypogea as Case Studies	Riccardo Cicilloni	30 Aug 8:30 - 10:30	48=CU- 006-FLG- -Aula C
643	The Experience of Stone II: Sculpting Comparative Phenomenologies	Christina Smith	30 Aug 14:00 - 18:30	21=CU- 003-FL- 4-Aula C
644	Mobility and Territoriality in Pre-Roman Italy: Routes, Objects, Ideas	Massimiliano Di Fazio	31 Aug 14:00 - 18:30	10=CU- 003-FL- 1-Aula V
646	Exploring Traumatic Injuries Leading to Disability in the Pre-antibiotic Era: A Multidisciplinary Approach	Ileana Micarelli	31 Aug 8:30 - 13:00	35=CU- 005-FL- 1-Gismondi I
647	Trajectories of AI in Archaeological Heritage: Geographies, Innovations, Future-Making, and (In)Justices	Chiara Bonacchi	30 Aug 16:30 - 18:30	58=CU- 033-FL- 4-Aula 7
648	Workers of the Past Unite! Labour studies today: a reflection on the potentialities and limits of the approach	Francesca Tomei	30 Aug 8:30 - 13:00	45=CU- 013-FL- 1-Conversi
650	Disappeared and Forgotten: Nazi Concentration Sub-camps, Forced Labour Camps, and Other Types of Camps as Neglected Archaeological and Heritage Sites	Pavel Vareka	29 Aug 14:00 - 18:30	68=CU- 028-FLG- -Aula 2
653	Infectious Disease and Hygiene in the Neolithic and Bronze Age	Agne Civityte	30 Aug 8:30 - 10:30	60=CU- 022-EXT- -Serra
654	Centring the object: between production and consumption in ceramic studies	Carl Knappett	31 Aug 8:30 - 13:00	46=CU- 013-FL- 2-Rasetti

Session	Main organiser	Scheduled	Room	
657	Teaching and Learning Archaeology with Digital Tools	Jitte Waagen	29 Aug 8:30 - 13:00	29=CU- 002-FL- 1-Aula IX
661	On Fire! Ancient Pyrotechnologies in Productive and Ritual Eastern Mediterranean and Near Eastern Contexts	Nicola Laneri	31 Aug 8:30 - 13:00	15=CU- 003-FL- 3-Aula XXII
664	Archaeological Heritage Management: Processes and Models for Comparison	Javier JIMENEZ AVILA	30 Aug 8:30 - 16:00	67=CU- 028-FLG- -Aula 1
666	The Impact of Digital Methods in Bioarchaeology and Paleoanthropology: Innovative Applications and Technological Advances	Panagiota Bantavanou	29 Aug 8:30 - 13:00	42=CU- 005-BAS- -Aula 3
669	Ottoman-Era/Historical Archaeology: Materials and Methods in Context	Faidon Moudopoulos-Athanasίου	29 Aug 8:30 - 13:00	7=CU- 003-FL- 1-Aula II
676	Pots in Transition: Resilience, Change, and Revival in Central Asia and Its Neighbourhood from the Perspective of Ceramics Research	Agnese Fusaro	31 Aug 8:30 - 16:00	65=CU- 022-FLG- -Giacomini
679	Gender and Sexualities in Material Culture of the Ancient World	Juliana Santos	30 Aug 8:30 - 16:00	26=CU- 002-FL- 1-Aula VI
695	Destruction, Burial or Just Fading away. Roman Case Studies on the De-sacralisation of Religious Sites and Material Culture in Antiquity	Anthony King	30 Aug 14:00 - 18:30	36=CU- 005-FL- 1-Gismondi II
696	Preventive Archaeology in Europe: Context of Exercise, Methods and Working Conditions	Kai Salas Rossenbach	29 Aug 8:30 - 13:00	56=CU- 033-FL- 2-Baroni
697	Human-Environment Interactions in European Calcareous Landscapes during the Pleistocene and Holocene	Nicholas Branch	29 Aug 16:30 - 18:30	28=CU- 002-FL- 1-Aula VIII
699	Tracing Ovicaprines Lives: Bioarchaeological Perspectives on Sheep and Goat Husbandry	Laura Viñas Caron	31 Aug 8:30 - 16:00	58=CU- 033-FL- 4-Aula 7
704	Bioarchaeology of Ancient Pathogens	Zoé Pochon	31 Aug 14:00 - 18:30	16=CU- 003-FL- 3-Chabod
708	Digital Dissemination: Using New Tools to Communicate with Stakeholders	Grace Rinehart Macrae	29 Aug 14:00 - 18:30	36=CU- 005-FL- 1-Gismondi II

Session	Main organiser	Scheduled	Room	
709	Ties That Bind: Community, Ecology and Challenges of Scale	Tekla Schmaus	29 Aug 14:00 - 18:30	38=CU- 005-FL- 2-Ponzi II
710	Around the Black Sea: Resilience and Mobility in Prehistory	Marta Andriiovych	31 Aug 14:00 - 16:00	103=CNR- 01-FL- 1-Marconi
717	Interwoven. Textile Exchanges Across the Mediterranean from Prehistory to Us	Nina Ferrante	29 Aug 14:00 - 18:30	56=CU- 033-FL- 2-Baroni
723	Egyptian Blue - From Literature to the Artifact to the Lab	Anthony Baragona	29 Aug 8:30 - 16:00	27=CU- 002-FL- 1-Aula VII
727	The Roman Economic Mosaic: Exploring the Complexity of Economic Dynamics during the Roman Empire	Katharina Zerzeropoulos	31 Aug 8:30 - 16:00	27=CU- 002-FL- 1-Aula VII
729	Recent Advances in Documenting the Archaeology of Caves and Their Environments	Sonia Machause López	31 Aug 14:00 - 18:30	70=CU- 028-FL- 1-Aula 3
731	Changes in Life, Changes in Death: An integrative Approach to the Neolithic Transformations in Southwest Asia	Eva Fernandez	30 Aug 8:30 - 16:00	103=CNR- 01-FL- 1-Marconi
732	Wetland Archaeology: Advances in Practice and Policy in the 21st Century	Michael Stratigos	31 Aug 8:30 - 13:00	1=CU- 003-EXT- -CISADU
733	Interdisciplinary Approaches to the Archaeology of Roman Textiles - A Story Told Through Threads	francesca coletti	30 Aug 8:30 - 16:00	77=CU- 002-FL- G-Aula XIII Massimo D'Antona
735	Post-medieval cemeteries on the focus - Anthropological and archaeological studies about the past 500 years	Csilla Líbor	30 Aug 8:30 - 16:00	55=CU- 033-FL- 2-Mortara
736	Interdisciplinary Trajectories in Mortar Analysis of Historical Buildings	Giulia Bellato	30 Aug 14:00 - 18:30	15=CU- 003-FL- 3-Aula XXII
737	Computational Landscapes: Debating Fundamental Issues of Archaeological Narratives	Eduardo Herrera-Malatesta	31 Aug 8:30 - 10:30	61=CU- 022-EXT- -Aula D
738	Reclaiming Herstory: Women in Mediterranean Archaeology from the 18th Century to Today	María José Berlanga	30 Aug 14:00 - 18:30	16=CU- 003-FL- 3-Chabod

Session	Main organiser	Scheduled	Room	
739	Analysing the City. Archaeological Science Approaches to Urbanisation in the Mediterranean (1000?500 BCE)	Silvia Amicone	29 Aug 8:30 - 16:00	55=CU- 033-FL- 2-Mortara
743	Isotopic Baselines and Beyond: Expanding Archaeological Narratives and Reevaluating the Use of Baselines in Isotope Bioarchaeology	Kévin Salesse	30 Aug 8:30 - 13:00	16=CU- 003-FL- 3-Chabod
745	Remote Sensing of the Changing Mediterranean, Middle East and North Africa Region	Louise Rayne	31 Aug 8:30 - 13:00	16=CU- 003-FL- 3-Chabod
771	Heritage Beyond Consumption: A Call for a Collective Discussion	Francesca Romana Fiano	29 Aug 14:00 - 16:00	49=CU- 006-FLG- -Aula B
772	Embracing Transdisciplinarity: Multiple Ways of Seeing the Past through Different Ontologies	Kristian Kristiansen	30 Aug 8:30 - 13:00	1=CU- 003-EXT- -CISADU
775	Exploring Dates-as-Data Approaches: Theoretical Promises and Methodological Problems	Elliot Van Maldegem	30 Aug 8:30 - 13:00	21=CU- 003-FL- 4-Aula C
776	Plaster a Multipurpose Material for Binding Knowledge	Bonnie Nilhamn	29 Aug 8:30 - 10:30	46=CU- 013-FL- 2-Rasetti
784	Demand for Salt: from Prehistory to the Early Modern Period	Peter Attema	30 Aug 16:30 - 18:30	103=CNR- 01-FL- 1-Marconi
787	Artists and Craftsmen. Multidisciplinary Approaches in the Analysis of the Production of Early Medieval Wall Paintings	Patrick Cassitti	31 Aug 14:00 - 18:30	8=CU- 003-FL- 1-Aula III
789	Sharing, Merging and Analysis of Noninvasive Archaeological Data: towards a MCSA Doctoral Network	Martijn van Leusen	30 Aug 11:00 - 13:00	49=CU- 006-FLG- -Aula B
790	The (Copper) Age of Transformation: Research Developments on c. 4500-3500 BC from around the Carpathian Basin	William Ridge	29 Aug 14:00 - 18:30	103=CNR- 01-FL- 1-Marconi
793	Lithic Raw Materials Lithotheques: Open Access and Interoperability Initiatives	Xavier Terradas	30 Aug 8:30 - 13:00	20=CU- 003-FL- 4-De Martino

Session	Main organiser	Scheduled	Room	
794	Old Excavations and Finds, New Data and Interpretations: The Use of Archives in Current Archaeological Research Projects	Nathan Schlanger	31 Aug 8:30 - 16:00	50=CU- 006-FLG- -Aula I
797	Best Practices on Archaeological 3D Data Management: Methods and Approaches to Capture, Generate, and Disseminate 3D Information in Archaeology	Julian Hollaender	29 Aug 8:30 - 13:00	15=CU- 003-FL- 3-Aula XXII
799	Elevating the Elders: (Re)Centring Older Adults in Bioarchaeology	Jonathan Bethard	31 Aug 8:30 - 13:00	2=CU- 003-EXT- -Vetri
802	From Prehistory to Post-medieval Times: Persistence and Change in Artisanal Production across the Mediterranean	Silvia Berrica	31 Aug 8:30 - 16:00	26=CU- 002-FL- 1-Aula VI
803	Dynamics of Ownership and Transformation of Urban Spaces in the Roman Era	Santiago Sánchez de la Parra-Pérez	31 Aug 8:30 - 13:00	70=CU- 028-FL- 1-Aula 3
804	Make Dolia Great Again - Comparative Perspectives on Ancient Clay-jar Winemaking	Paulina Komar	30 Aug 8:30 - 13:00	38=CU- 005-FL- 2-Ponzi II
811	Bridging the Wall between Prehistory and the Present: Communication and Inclusiveness in the Realms of Science, Heritage and Education	Letizia Silvestri	31 Aug 8:30 - 16:00	77=CU- 002-FL- G-Aula XIII Massimo D'Antona
814	Materialising Meaning. Centring the Role of Social Interactions in Archaeomaterials Studies	Agnese Benzonelli	29 Aug 8:30 - 16:00	102=CNR- 01-FLG- -Biblioteca
818	Current Status and the Future of Digital Archaeology in the Eastern Mediterranean	Dorina Moullou	30 Aug 14:00 - 16:00	60=CU- 022-EXT- -Serra
819	Network of European Identities? The Iron Age between Alps, Pannonia and Balkans	Hrvoje Potrebica	29 Aug 14:00 - 18:30	25=CU- 002-FL- 1-Aula V
833	Adriatic Bridge - Unravelling political, social, and cultural transformations in the Adriatic? Ionian, and Balkan region in the last millenium BC	Domagoj Perkić	31 Aug 8:30 - 13:00	8=CU- 003-FL- 1-Aula III
834	Women through the Ages: Roles, Rituals, and Research through the Lenses of Archaeological Sciences	Carlotta Zeppilli	29 Aug 8:30 - 16:00	6=CU- 003-FL- 1-Aula I

Session	Main organiser	Scheduled	Room	
835	The Horse in Archaeology: An Interdisciplinary Approach for Uncovering Relations between Horse and Humans in the Past	Fernando Coimbra	31 Aug 8:30 - 18:30	101=CNR-01-BAS- -Convegni
838	Community Engagement in Archaeological Heritage: Best Practices, Objectives, Conflicts, and Plans for the Future	Eleni Stefanou	30 Aug 8:30 - 10:30	62=CU-022-EXT- -Aula E
842	Continuity in Change: Environmental, Cultural, Social and Material Evolution in Ancient Arabia	Elena Maini	31 Aug 8:30 - 16:00	63=CU-022-FLG- -Montalenti
843	The „Data Rush“ - Adapting to the Consequences of Increased Quantities of High-quality Data in Archaeological Research	Nicola Ialongo	29 Aug 16:30 - 18:30	26=CU-002-FL- 1-Aula VI
845	Trans-Adriatic Dynamics: Late Bronze to Early Iron Age Matt-Painted Pottery in the Southwestern Balkans and Southern Italy	Peter Pavuk	30 Aug 14:00 - 18:30	34=CU-005-FL- 1-Lucchesi
848	The archaeogenetics of ancient Italy: socio-cultural changes, interaction and mobility from Prehistory to the Middle Ages	Francesco Fontani	29 Aug 8:30 - 16:00	51=CU-006-FLG- -Aula II
849	Zooarchaeology in Transition(s): Subsistence Patterns, Cultural Changes and Continuity in European Prehistory through Old and New Tools	Alberto Marchán-Fernández	30 Aug 8:30 - 13:00	56=CU-033-FL- 2-Baroni
852	Manufacturing Memory. Past Mnemotopoi and Present Map-making in the Quest of Collective Memories	Raffaella Da Vela	29 Aug 8:30 - 16:00	26=CU-002-FL- 1-Aula VI
854	Building Bridges: An Open Forum for Archaeology and Metagenomics	Biancamaria Bonucci	30 Aug 8:30 - 16:00	25=CU-002-FL- 1-Aula V
856	So Falls the World: Archaeology and Heritage against Empire(s)	Aris Politopoulos	30 Aug 14:00 - 18:30	42=CU-005-BAS- -Aula 3
857	Persistent signs on surfaces: the innovative use of Visual Archaeology techniques in investigating voluntary and crafting marks	Giulia Previti	29 Aug 8:30 - 13:00	16=CU-003-FL- 3-Chabod
860	Going with the Flow: The Many Facets of Glass in Past Societies	Ana Franjic	31 Aug 8:30 - 16:00	57=CU-033-FL- 4-Aula 6

Session	Main organiser	Scheduled	Room	
861	Insects for Archaeology, Archaeology for Insects: Environmental Storytellings for the Past, Present, and Future	Eva Kourela	30 Aug 8:30 - 16:00	27=CU-002-FL- 1-Aula VII
862	Archaeological Heritage? Diversifying Approaches of Cooperation with Non-European Partners	Kamil Kuraszkiwicz	30 Aug 11:00 - 13:00	60=CU-022-EXT- -Serra
863	The Lives and Afterlives of Megaliths: Dialogues of Persistence, Reinvention and Change	Leonor Maria Pereira Rocha	30 Aug 14:00 - 18:30	13=CU-003-FL- 1-Nobile
866	Current Research in the Americas. Interdisciplinary Research between Past and Present	Maria Torras Freixa	30 Aug 8:30 - 18:30	83=CU-002-FLG- -Aula T01
870	Prestige and Luxury Goods: A Material Approach to Gift Giving as a Tool for De-Escalation	Anna-Theres Andersen	31 Aug 14:00 - 18:30	22=CU-003-FL- 5-Pirrotta
871	Not Just Wear: The Synergy of Trace Analysis with Other Disciplines and Non-Invasive Techniques in Archaeology	Cristina Lemorini	31 Aug 8:30 - 16:00	78=CU-002-FL- 2-Aula 201
880	PARIS or Paradigm Shift	Vibeke Martens	30 Aug 14:00 - 18:30	48=CU-006-FLG- -Aula C
882	Synthesis, Facilitator or Hindrance: Should Synthesis Be Part of Commercial Archaeology or Left to the Academics?	Colin Forrester	31 Aug 8:30 - 10:30	49=CU-006-FLG- -Aula B
884	Transfer and Reception of Public and Private Architectural Types in the Coastal Settlements of the Mediterranean Basin	Roberta Ferritto	30 Aug 8:30 - 13:00	15=CU-003-FL- 3-Aula XXII
886	The Archaeology of Mass Graves: New Approaches	Miriam Saqqa-Carrazo	31 Aug 16:30 - 18:30	102=CNR-01-FLG- -Biblioteca
888	From Material Landscapes to Cognitive Landscapes	Jadranka Verdonkschot	30 Aug 14:00 - 18:30	20=CU-003-FL- 4-De Martino
893	Professional Archaeology in Europe: The State of the Issue	Marcella Giorgio	31 Aug 11:00 - 13:00	64=CU-022-FLG- -Aula C
895	Perceiving and Shaping Landscapes	Stefanie Schaefer-Di Maida	29 Aug 14:00 - 18:30	10=CU-003-FL- 1-Aula V

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901	Understanding the Research Process as a Chaîne Opératoire	Jessica Kaiser	29 Aug 11:00 - 13:00	46=CU- 013-FL- 2-Rasetti
902	Archaeology of Wilderness: Humans, Animals and Landscapes throughout the Holocene	Sonja Vukovic	29 Aug 8:30 - 16:00	77=CU- 002-FL- G-Aula XIII Massimo D'Antona
903	„What Does Pottery Tell Us“? Interpreting the Neolithic Lifestyle in the South of Europe: Traditions, Cultural Identity and Interactions	Estibaliz Espada- -Martín	30 Aug 14:00 - 18:30	35=CU- 005-FL- 1-Gismondi I
904	Mobility, movement and interaction in the ancient world: New Avenues of Interpretation	Derek Hamilton	31 Aug 14:00 - 18:30	24=CU- 002-FL- 1-Lauree
905	Modernity as a Colonial Process from within: The Material Impact of Industrialization on European Societies	Carlos Tejerizo	29 Aug 8:30 - 10:30	24=CU- 002-FL- 1-Lauree
909	Integrating Data on Ancient Wine and Oil Presses: Challenges and Interpretative Potential	Dimitri Van Lim- bergen	29 Aug 8:30 - 13:00	13=CU- 003-FL- 1-Nobile
915	3D Heritage. Digital Humanities for Documentation, Analysis, and Dissemination of Material Culture	Jorge Rouco Collazo	31 Aug 8:30 - 16:00	51=CU- 006-FLG- -Aula II
916	Integrating Neandertal Legacy: From Past to Present. From Science to Society	Sanjin Mihelic	29 Aug 14:00 - 18:30	7=CU- 003-FL- 1-Aula II
918	Public Benefit: Sharing, Critiquing, Brain-Storming and Blue-Skying Experience and Ideas to Help Archaeology Benefit Wider Society in the Future	Carenza Lewis	29 Aug 8:30 - 13:00	22=CU- 003-FL- 5-Pirrotta
923	Metals and Metalworking I: Compositions and Origin	Heide Noergaard	31 Aug 14:00 - 18:30	46=CU- 013-FL- 2-Rasetti
924	Roads, Passes and Valleys? Recent Discoveries and Perspectives in Caucasus Archaeology	Mariam Eloshvili	29 Aug 8:30 - 13:00	103=CNR- 01-FL- 1-Marconi
926	Bridging Past and Present: Exploring Collaborative Approaches in Community and Citizen Archaeology	Ségolène Vande- velde	31 Aug 14:00 - 18:30	17=CU- 003-FL- 3-Romeo

Session		Main organiser	Scheduled	Room
927	Reflecting History in Architecture and Vernacular Design? Directing Sustainable Futures	Helena Teräväinen	31 Aug 11:00 - 13:00	60=CU- 022-EXT- -Serra
928	Why We Should Persist in Making Archaeology Accessible and Inclusive to All?	Abi Hunt	30 Aug 16:30 - 18:30	27=CU- 002-FL- 1-Aula VII
929	„What Is the Village“? Regional Comparison of Early European and Near Eastern Prehistoric Villages	Arkadiusz Marciniak	31 Aug 8:30 - 13:00	43=CU- 013-FL- 1-Careri
930	Barbarians at the Gate or Behind the Gates? The Collision of the Material Cultures of the Invader and the Invaded	Emily Miller Bonney	31 Aug 8:30 - 10:30	60=CU- 022-EXT- -Serra
931	Tracing Human Stories through Stable Isotopes: Unravelling the Dynamics of Health and Identities	Ana Curto	30 Aug 14:00 - 18:30	10=CU- 003-FL- 1-Aula V
932	Continuity and Change in the Wagons and Chariots of Later Prehistoric Europe and Eurasia	Sabine Reinhold	31 Aug 16:30 - 18:30	103=CNR- 01-FL- 1-Marconi
934	Sacred Landscapes in Context: Creation, Development, and Conceptualisation	Arianna Zapelloni Pavia	29 Aug 14:00 - 18:30	2=CU- 003-EXT- -Vetri
936	Towards the living city through time: Interdisciplinary approaches to ancient civilisations of Central Italy	Simon Stoddart	30 Aug 8:30 - 13:00	17=CU- 003-FL- 3-Romeo
938	The Archaeology of Ancient Border-scapes: Multiple Approaches, New Paradigms	Maria Carmela Gatto	29 Aug 8:30 - 18:30	3=CU- 003-BAS- -Partenone
946	Ritualism and Funerary Practices in the Mediterranean Basin: Objects, Symbolism, Inputs, and Resilience	Noe Conejo	30 Aug 14:00 - 18:30	14=CU- 003-FL- 3-Simonetti
950	Trade in Metals from the Bronze Age till Early Modern Times between the Carpathian Basin and the Northern Adriatic	Viktória Kiss	31 Aug 14:00 - 18:30	7=CU- 003-FL- 1-Aula II
957	Destroyed, Submerged, and Unreachable: The Challenging Interpretation of Human Strategies across Lost Landscapes	Miguel Gomes de Almeida	31 Aug 14:00 - 16:00	62=CU- 022-EXT- -Aula E
965	In-Situ Sensing of (Geo-)Archaeological Soil and Sediment Archives: Emerging Methodologies and Applications	Lukas Werther	31 Aug 8:30 - 13:00	62=CU- 022-EXT- -Aula E

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971	Health of Laboring Communities across Geographies of Work	Alessandra Cianciosi	30 Aug 11:00 - 13:00	102=CNR-01-FLG-Biblioteca
973	Pyroarchaeology: Fire-Related Engineering, Environment and Cultural Proxies	Patrick Schmidt	29 Aug 8:30 - 13:00	34=CU-005-FL-1-Lucchesi
974	Metals and Metalworking II: Production and Technology	Matej Kmosek	29 Aug 8:30 - 16:00	65=CU-022-FLG-Giacomini
975	Baskets and Their Belongings: Archaeobotany and Conservation of Vegetal Basketry Objects and Their Vegetal Content	Mila Andonova-Katsarski	31 Aug 8:30 - 13:00	38=CU-005-FL-2-Ponzi II
978	The Role of Public Archaeology in Heritage Management	Renu Thakur	29 Aug 8:30 - 13:00	32=CU-002-FLG-Aula D
982	Tracing & Protecting: Facing the Shadows of Illicit Trafficking in Cultural Goods	Irmelin Axelsen	30 Aug 8:30 - 13:00	9=CU-003-FL-1-Aula IV
984	Archaeology and Anthropology, two approaches one goal: insight into life and death from the 3rd to 7th century CE	Jessica Mongillo	29 Aug 14:00 - 18:30	32=CU-002-FLG-Aula D
987	The Introduction of Tin Bronze in Prehistoric Europe	Aaron Lackinger	29 Aug 16:30 - 18:30	27=CU-002-FL-1-Aula VII
988	Through the Lens of Pottery: Technologies in Times of Change in Prehistoric Mediterranean Basin	Vanessa Forte	31 Aug 8:30 - 16:00	28=CU-002-FL-1-Aula VIII
995	Sense and Sustainability in Foraging Communities	Silje Bentsen	30 Aug 14:00 - 18:30	43=CU-013-FL-1-Careri
997	Chaîne Opératoire and Life Cycle of Protohistoric and Ancient Building Materials	Pierre Péfau	29 Aug 8:30 - 16:00	31=CU-002-FLG-Aula C
1000	Advanced Methodologies for Life History Reconstruction in Bioarchaeology	Alessia Nava	30 Aug 8:30 - 18:30	6=CU-003-FL-1-Aula I
1004	Tracking the Life History through the Microarchitecture of the Human Bone	Carla Figus	30 Aug 8:30 - 13:00	37=CU-005-FL-2-Ponzi I
1008	Food Processing and Cooking Practices in Europe, North Africa, and Western Asia (Neolithic to Iron Age)	Elisa Dalla Longa	29 Aug 8:30 - 18:30	83=CU-002-FLG-Aula T01

Session	Main organiser	Scheduled	Room	
1009	Beyond the lens: contemporary methods and interdisciplinary synergies in archaeobotany	Alexandra Kriti	30 Aug 14:00 - 18:30	29=CU-002-FL-1-Aula IX
1011	Investigation of Neolithic Lithic Technology and Experimentation: An Approach to Technical Variability	Arnau Minguell	30 Aug 16:30 - 18:30	60=CU-022-EXT-Serra
1013	Funerary Rites in European Prehistory: Knowledge Transfer in a World of Worlds	Johanna Brinkmann	29 Aug 8:30 - 16:00	58=CU-033-FL-4-Aula 7
1015	Eternal Rest in the West: Funerary Contexts in Western Mediterranean Protohistory	Sonia Carbonell Pastor	30 Aug 11:00 - 13:00	62=CU-022-EXT-Aula E
1016	Intra-Murial Burials and Their Cultural Landscape in Europe and the Mediterranean from Prehistory to the Middle Ages	Francesca Fulminante	29 Aug 8:30 - 10:30	49=CU-006-FLG-Aula B
1018	More than Just Data: The Role of Archaeological Theory in Refining Geoscience-driven Research Questions	Stefano Costanzo	29 Aug 16:30 - 18:30	63=CU-022-FLG-Montalenti
1021	EAA Community for Climate Change and Heritage (CCH) Roundtable	Mairi Davies	31 Aug 11:00 - 13:00	49=CU-006-FLG-Aula B
1022	Rethinking Ancient Mediterranean Incarceration and Exile	Matthew Larsen	31 Aug 16:30 - 18:30	66=CU-022-FL-1-Bettolo
1023	Connecting through vitreous materials: multidisciplinary approaches to Mediterranean networks in the 2nd-1st Millennium BCE	Valentina Loncaric	30 Aug 8:30 - 13:00	18=CU-003-FL-3-Morghen
1024	Understanding Behavioural Changes through Material Studies - Adaptation and Social Complexity of the Homo Sapiens	Anda Petrovic	30 Aug 14:00 - 18:30	18=CU-003-FL-3-Morghen
1027	How to Hunt? How to Herd? New Approaches to Old Questions on Human-Nonhuman/Animal Entanglements	Morgan Windle	30 Aug 8:30 - 13:00	35=CU-005-FL-1-Gismondi I
1029	Changing Perceptions on Tile, Brick, and Architectural Terracotta? New Results and Directions in Research	Pirjo Hamari	31 Aug 14:00 - 18:30	1=CU-003-EXT-CISADU
1030	Surveying in Archaeology in the Digital Era: Rethinking Old Procedures and Imagining New Standards	Marco Cavalazzi	29 Aug 14:00 - 18:30	8=CU-003-FL-1-Aula III

Session	Main organiser	Scheduled	Room	
1033	Choosing the Right Cup for the Job: Functional and Non-Functional Consumption Habits	Anna Meens	31 Aug 16:30 - 18:30	49=CU- 006-FLG- -Aula B
1040	Tracking the Urban DNA. Unravelling the Rise and Fall of Towns and Cities	Jeroen Bouwmeester	30 Aug 11:00 - 13:00	66=CU- 022-FL- 1-Bettolo
1043	Out of Neglect, into the Spotlight. Strategies and Good Practices for Rediscovering Sites with Troubled Histories	Elisa Pizzuti	30 Aug 8:30 - 16:00	68=CU- 028-FLG- -Aula 2
1044	What a Waste!? The Epistemological Value of Refuse and Discarded Materials in the Current Archaeological Research	Susanna Cereda	30 Aug 14:00 - 18:30	17=CU- 003-FL- 3-Romeo
1046	Evolutionary Approaches to Archaeological Questions: Human Behavioral Ecology and Cultural Transmission Theory	Peter Yaworsky	30 Aug 14:00 - 18:30	8=CU- 003-FL- 1-Aula III
1048	Antiques, Heirlooms, and Memorabilia: The Relationship between Portable Objects and Memory in the Ancient World	Courtney Ward	30 Aug 8:30 - 13:00	22=CU- 003-FL- 5-Pirrotta
1049	'Til Death Do Us Part? Revisiting the Question of Double Burials	Lindsey Büster	30 Aug 8:30 - 16:00	79=CU- 002-FL- 3-Aula 301
1050	Redefining Abandonment: Geoarchaeological and Ethnographical Approaches to Unveiling Hidden Narratives	Rowena Banerjee	30 Aug 8:30 - 13:00	2=CU- 003-EXT- -Vetri
1052	Reviewing the 2020 MERC Manifesto? Checking in on the Future Direction of Medieval Archaeology in Europe	Pam Crabtree	29 Aug 16:30 - 18:30	70=CU- 028-FL- 1-Aula 3
1054	Landscape Archaeology and Place Names in Multifocus Interpretations	Tomas Klir	30 Aug 8:30 - 10:30	66=CU- 022-FL- 1-Bettolo
1056	Telling the Stories of Others? Ethics, Epistemology, and Practices in Archaeological Discourses	Martin Moucheron	31 Aug 16:30 - 18:30	60=CU- 022-EXT- -Serra
1057	The Mediterranean in Scandinavia? Imports and Trade during the Middle Ages and Early Modern Period, c. 1000-1800	Georg Haggren	29 Aug 16:30 - 18:30	61=CU- 022-EXT- -Aula D

Session	Main organiser	Scheduled	Room	
1058	Dryland Agriculture and Land Use; Past, Present and Future Resilience	Nicki Whitehouse	29 Aug 14:00 - 16:00	61=CU- 022-EXT- -Aula D
1060	Feminist Perspectives on Social Archaeology. AGE Session In Memoriam Liv Helga Dommasnes	Sandra Monton-Subias	30 Aug 8:30 - 13:00	7=CU- 003-FL- 1-Aula II
1061	Appreciating the Archaeological Value of Preserved Faeces Using Multifaceted Methods	Eleanor Green	29 Aug 14:00 - 18:30	64=CU- 022-FLG- -Aula C
1065	Advances in the Study of Ancient Pottery: Bringing Social Archaeology and Digital Archaeology Together	Arteios Oikonomou	31 Aug 8:30 - 16:00	67=CU- 028-FLG- -Aula 1
1068	Agrarian Change in the Medieval Mediterranean: Towards Holistic Archaeologies of Environmental Change	Aleks Pluskowski	30 Aug 16:30 - 18:30	11=CU- 003-FL- 1-Venturi
1071	Machine Learning Methods in Archaeological Research: New Approaches, Barriers and Standardization	Iban Berganzo-Besga	30 Aug 8:30 - 16:00	58=CU- 033-FL- 4-Aula 7
1072	Crop History Research: After Prehistory	Jerome Ros	30 Aug 8:30 - 13:00	24=CU- 002-FL- 1-Lauree
1076	The Late Antique to Early Medieval Transition in Europe and North Africa: Socio-Cultural Dynamics of Migration, Mobility, and Identity	Reed Morgan	29 Aug 8:30 - 13:00	20=CU- 003-FL- 4-De Martino
1077	Research Data Management in the Field	Fabian Riebschläger	30 Aug 16:30 - 18:30	49=CU- 006-FLG- -Aula B
1078	Women at Archeological Conferences from the 19th Century to the Late 1990s: Presence, Representation and Experiences	Anna Gustavsson	31 Aug 8:30 - 13:00	29=CU- 002-FL- 1-Aula IX
1081	Exploring Wetland Settlements: Archaeological Research Methodologies and Empirical Insights	Giulia Di Giamberardino	31 Aug 14:00 - 18:30	32=CU- 002-FLG- -Aula D
1082	The Archaeology of EU-PoTaRCh: The Production of Potash, Tar, Resin and Charcoal in the Archaeological Record	Oliver Nelle	29 Aug 8:30 - 13:00	14=CU- 003-FL- 3-Simonetti
1083	Biography, Personhood, Politics, Ancestry and Luck: The Archaeology of Life Paths	John Robb	29 Aug 8:30 - 16:00	63=CU- 022-FLG- -Montalenti

Session	Main organiser	Scheduled	Room	
1088	Persistent Interpretations and Continual Changes. New Theories and Alternative Approaches toward Interdisciplinary Narratives of the Past	Valentina Limina	31 Aug 11:00 - 13:00	61=CU- 022-EXT- -Aula D
1089	Ritual Variance in Graeco-Roman Religions: Cognitive and Sensory Theoretical Perspectives	Blanka Misic	30 Aug 8:30 - 10:30	61=CU- 022-EXT- -Aula D
1090	Archaeobotanical Heritage: Collect, Preserve, Show, Share!	Alessia D'Auria	31 Aug 14:00 - 16:00	60=CU- 022-EXT- -Serra
1091	Archaeology and Nature Management: Friend or Foe? How Archaeological Heritage Is Dealt with in Nature Conservation Context	Karl Cordemans	31 Aug 8:30 - 13:00	37=CU- 005-FL- 2-Ponzi I
1093	Life and Death in the Celtic West: New Insights from Bioarchaeology and Funerary Archaeology	Ciara O'Brien Butler	29 Aug 16:30 - 18:30	65=CU- 022-FLG- -Giacomini
1094	Performativity, Networks and Agency in Geometric Iconography. Towards an Aesthetics and Visual Language Archaeology	María Isabel Moreno Padilla	31 Aug 8:30 - 13:00	18=CU- 003-FL- 3-Morghen
1095	Scale Matters. The Complexity of Reconstructing Past Human-Environment Interactions	Fiona Walker-Friedrichs	31 Aug 8:30 - 10:30	66=CU- 022-FL- 1-Bettolo
1097	The Mindreading of Materialities. Archaeology of Movement and Sight	María Silva Gago	30 Aug 8:30 - 10:30	102=CNR- 01-FLG- -Biblioteca
1101	Imprints - Tracing Late Prehistoric Environmental Impact in Southern Europe through Non/Low Invasive Methods	Giacomo Vinci	29 Aug 14:00 - 18:30	12=CU- 003-FL- 1-Toesca
1102	Strategies to Rule Them All. A Transnational Analysis of Landscape Control and Scales of Power Between 5-16th Centuries	Laura Blanco Torrejón	29 Aug 8:30 - 13:00	38=CU- 005-FL- 2-Ponzi II
1103	Embodied Identities: Unraveling Symbolic Threads through Ornaments, Garments, and Portable Objects	Aldona Kurzawska	31 Aug 8:30 - 18:30	68=CU- 028-FLG- -Aula 2
1107	Manipulating Senses and Staging the Inconceivable. Discovering the Embodied Past by Phenomenological Explorations and other Methods	Friederike Kranig	29 Aug 14:00 - 18:30	18=CU- 003-FL- 3-Morghen

Session	Main organiser	Scheduled	Room	
1108	Archaeology, Text, Narrative, and the Usable Past in Global Perspective	Russell Ó Riagáin	29 Aug 14:00 - 16:00	66=CU- 022-FL- 1-Bettolo
1109	Mesolithic & Neolithic Evolutionary Trajectories at the Mediterranean	Oreto García- Puchol	30 Aug 14:00 - 18:30	24=CU- 002-FL- 1-Lauree
1111	Non-invasive archaeology: integrating satellite, UAV, and geophysics with traditional field methodologies	Manuel J.H. Peters	30 Aug 8:30 - 16:00 31 Aug 14:00 - 18:30	80=CU- 002-FL- 3-Aula 302
1112	The Day After: The Materiality of Resilience, Memory and Inequality in Post-disaster Scenarios	Paolo Forlin	30 Aug 8:30 - 13:00	13=CU- 003-FL- 1-Nobile
1113	Going Beyond Traditional Approaches to Lithic Research in Prehistory and Protohistory: Hypothesis, methods, validation, contrast and raw data	Ana Abrunhosa	29 Aug 8:30 - 18:30	5=CU- 003-BAS- -Archeologia
1119	Crafts in the Roman World: Production, Distribution, and Pedagogy	Kaja Stemberger Flegar	29 Aug 14:00 - 16:00	29=CU- 002-FL- 1-Aula IX
1120	Human environment interactions in the Eurasian steppes from prehistory to the early historical periods	Amy Cromartie	30 Aug 14:00 - 18:30	102=CNR- 01-FLG- -Biblioteca
1123	Transient Traces: Unearthing the Hidden Material Dimensions of Contemporary Migration	Johannes Jung- fleisch	30 Aug 14:00 - 18:30	32=CU- 002-FLG- -Aula D
1124	Changing land use strategies at high mountain areas in Europe since the Neolithic	Ermengol Gassiot Ballbè	29 Aug 8:30 - 13:00	18=CU- 003-FL- 3-Morghen
1127	Places of the living and places of the dead: the relationship between settlements and burial sites in Central Asia	Ladislav Stanco	29 Aug 8:30 - 13:00	64=CU- 022-FLG- -Aula C
1128	Roundtable of the Community for Teaching and Training of Archaeologists	Kate Geary	29 Aug 16:30 - 18:30	62=CU- 022-EXT- -Aula E
1129	Inclusive Archaeology: Practical Approaches to Heritage Participation	Marte Spangen	29 Aug 8:30 - 16:00	78=CU- 002-FL- 2-Aula 201



Session	Main organiser	Scheduled	Room	
1132	„From Chaos to Coherence“ The Scientific Value and Perspective on Commingled and Fragmentary Human Remains	Orsolya Mateovics- -László	29 Aug 8:30 - 16:00	57=CU- 033-FL- 4-Aula 6
1133	Everything Counts in Large Amounts? The Emergence of Trade Networks in Medieval Eastern Europe. The Archaeological and Archaeometric Evidence	Natalia Khamaiko	30 Aug 8:30 - 16:00	31=CU- 002-FLG- -Aula C
1138	The Anti-HABI Toolkit: 2nd Workshop on Solutions and Measures for Preventing and Addressing Harassment, Assault, Bullying and Intimidation in Archaeology	Laura Coltofean	31 Aug 14:00 - 18:30	38=CU- 005-FL- 2-Ponzi II
1139	Them and Us: Interdisciplinary Approaches to Identity, Community, and „Otherness“ in the Medieval World	Annamaria Diana	29 Aug 8:30 - 13:00	35=CU- 005-FL- 1-Gismondi I
1140	Health and disease in medieval Islamic populations in Europe	Ramón Gijón	30 Aug 14:00 - 18:30	9=CU- 003-FL- 1-Aula IV
1144	New Trends in Medieval and Modern Glass: Glass Centres, Production and Trade	Jorge De Juan	29 Aug 8:30 - 13:00	17=CU- 003-FL- 3-Romeo
1146	Discovering the Archaeologists of Europe, 10 Years Later	Alessandro Pintucci	31 Aug 14:00 - 16:00	45=CU- 013-FL- 1-Conversi
1147	Mediterranean Interaction „from within“: Island and Coastal Communities in Dialogue	Alejandra Galmes Alba	29 Aug 8:30 - 13:00	8=CU- 003-FL- 1-Aula III
1148	On the Life of Vows: Monastic Archeology and Bioarchaeology	Andrej Janeš	29 Aug 8:30 - 13:00	36=CU- 005-FL- 1-Gismondi II
1149	Modelling as Collective Undertaking: Best Practices in Building an Open Access Library for Agent-based Modelling in Archaeology	Dries Daems	29 Aug 11:00 - 13:00	49=CU- 006-FLG- -Aula B
1150	Caves and Rockshelters as Archives to Study Processes of Change	Knut Andreas Bergsvik	30 Aug 8:30 - 13:00	32=CU- 002-FLG- -Aula D
1151	Time for Big Changes: transformative and persistent impulses in the 4th and 3rd millennia BC Europe	Mariana Diniz	31 Aug 8:30 - 10:30	103=CNR- 01-FL- 1-Marconi

Session	Main organiser	Scheduled	Room	
1154	Stone Age Theory in an Undefined Paradigm: Gen-Y to Z, Third Science Revolutions to New Materialisms	Paulina Blaesild	31 Aug 16:30 - 18:30	11=CU- 003-FL- 1-Venturi
1155	Down Memory Lane. Recurrences in Transforming Landscapes	Lorenza La Rosa	31 Aug 14:00 - 18:30	61=CU- 022-EXT- -Aula D
1157	Theoretical and Methodological Definition of the?Archaeological Potential? in Preventive Archaeology. Challenges and Opportunities	Valeria Boi	31 Aug 8:30 - 13:00	45=CU- 013-FL- 1-Conversi
1159	BC_Before Church. Cult buildings in Ancient Mediterranean Europe. Session 1. Beyond the Threshold: "Indoor" Cult-Places in Mediterranean Europe	Alessandro Guidi	31 Aug 14:00 - 18:30	34=CU- 005-FL- 1-Lucchesi
1160	Intercultural Contacts within the Baltic Sea Region from Prehistory to the Early Middle Ages	Kamil Niedziółka	29 Aug 11:00 - 13:00	24=CU- 002-FL- 1-Lauree
1161	Heritage Tales: Participatory Approaches to Heritage Management and Community Engagement	Szilvia Fábrián	30 Aug 8:30 - 16:00	11=CU- 003-FL- 1-Venturi
1163	Coping with Conflicts. Investigating Deescalation Strategies in Pre- and Early-State Communities	Anna Loy	31 Aug 11:00 - 13:00	66=CU- 022-FL- 1-Bettolo
1165	Collecting across Borders: Histories of Collecting and Current Debates on Collections	Carl-Gösta Ojala	30 Aug 16:30 - 18:30	64=CU- 022-FLG- -Aula C
1166	History without Crossroads? Centring the Periphery of the Mediterranean	Paula Gheorghiane	30 Aug 8:30 - 10:30	49=CU- 006-FLG- -Aula B
1167	Historical Archaeologies of the Coastal and Fluvial Anthroposphere? landscapes and structures, combining settlement archaeology and geosciences	Laszlo Ferenczi	29 Aug 14:00 - 18:30	9=CU- 003-FL- 1-Aula IV
1168	„Not All Men“? Approaching Masculinities as Gendered Identities within Their Social Contexts and Practices in Prehistoric Europe	Antonio Higuero Pliego	29 Aug 8:30 - 10:30	61=CU- 022-EXT- -Aula D
1170	Windows to the Past: Archaeological Thinking, Interdisciplinarity, and Qualitative Analysis in the Digital World	Maria Cristina Manzetti	30 Aug 14:00 - 16:00	64=CU- 022-FLG- -Aula C
1172	Hoard in situ. The Archaeological Context for Understanding Metal Age Hoards	Marilou Nordez	30 Aug 8:30 - 18:30	30=CU- 002-FL- 1-Aula 101

Session	Main organiser	Scheduled	Room	
1173	Gender and Economies in Transition in the 1st Millennium BC Mediterranean	Giulia Saltini Se-merari	31 Aug 8:30 - 13:00	22=CU- 003-FL- 5-Pirrota
1179	The Exploitation, Uses, and Representations of Marine Invertebrates (Molluscs, Crustaceans, Echinoderms) in the Roman Empire	Caroline Mougne	29 Aug 14:00 - 18:30	46=CU- 013-FL- 2-Rasetti
1182	Cooperating or Competing? The Organisation of Space and Power Using Networks and Systems of Fortifications	Timo Ibsen	29 Aug 14:00 - 18:30	34=CU- 005-FL- 1-Lucchesi
1184	Archaeology against Rural Abandonment: Rethinking Medieval and Post-Medieval Rural Settlement in the Light of Challenges of the 21st Century	Andres Menendez Blanco	31 Aug 8:30 - 13:00	32=CU- 002-FLG- -Aula D
1188	Past, present, and future of Archaeothanatology: a critical discussion on the state of the discipline.	Veronica Tamorri	30 Aug 8:30 - 13:00	36=CU- 005-FL- 1-Gismondi II
1190	Agro-silvo-pastoral practices and meeting points in upper montane regions. Creating and preserving community bonds	Patricia Aparicio Martínez	29 Aug 16:30 - 18:30	60=CU- 022-EXT- -Serra
1192	Curating Archaeology? How to Exhibit the Past	Kristin Armstrong Oma	30 Aug 8:30 - 16:00	69=CU- 028-FL- 1-Aula 5
1193	A Liquid Continent. Linking Seascape, Social Power and Ecology in the Mediterranean	Edoardo Vanni	31 Aug 16:30 - 18:30	26=CU- 002-FL- 1-Aula VI
1195	Path to New Horizons or Handmaiden to History? Isotopic Studies across the Prehistoric/historic Divide	Angela Trentacoste	29 Aug 16:30 - 18:30	66=CU- 022-FL- 1-Bettolo
1208	"Building Bridges: Advancing Archaeological Heritage and Tourism Management". Organized by the Community on the Management of Archaeological Heritage and Tourism	Sofia Fonseca	31 Aug 16:30 - 18:30	62=CU- 022-EXT- -Aula E
1224	ERC funding opportunities for archaeology	Flavia Cumoli	29 Aug 16:30 - 18:30	6=CU- 003-FL- 1-Aula I
1225	General session	EAA	31 Aug 14:00 - 18:30	2=CU- 003-EXT- -Vetri

## SESSION AFFILIATIONS

Below is the list of sessions associated with EAA Communities and other organisations.

Session	Affiliated with	
247	Essential or Essentialist: Sex and Gender Categories in Archaeological Interpretation	AGE
738	Reclaiming Herstory: Women in Mediterranean Archaeology from the 18th Century to Today	AGE
1060	Feminist Perspectives on Social Archaeology. AGE Session In Memoriam Liv Helga Dommasnes	AGE
1138	The Anti-HABI Toolkit: 2nd Workshop on Solutions and Measures for Preventing and Addressing Harassment, Assault, Bullying and Intimidation in Archaeology	AGE
1168	Not All Men? Approaching Masculinities as Gendered Identities within Their Social Contexts and Practices in Prehistoric Europe	AGE
1173	Gender and Economies in Transition in the 1st Millennium BC Mediterranean	AGE
893	Professional Archaeology in Europe: The State of the Issue	ANA - Associazione Nazionale Archeologi
965	In-Situ Sensing of (Geo-)Archaeological Soil and Sediment Archives: Emerging Methodologies and Applications	Archaeological Prospection Community
1101	Imprints - Tracing Late Prehistoric Environmental Impact in Southern Europe through Non/Low Invasive Methods	Archaeological Prospection Community
1111	Non-invasive archaeology: integrating satellite, UAV, and geophysics with traditional field methodologies	Archaeological Prospection Community
1111	Non-invasive archaeology: integrating satellite, UAV, and geophysics with traditional field methodologies Part 2	Archaeological Prospection Community
975	Baskets and Their Belongings: Archaeobotany and Conservation of Vegetal Basketry Objects and Their Vegetal Content	ARCHWILD

Session	Affiliated with	
426	When Geophysics meets Archaeology: examples from Cultural Heritage to Rescue Archaeology	Associazione Italiana del Georadar; Archaeological Prospection Community
514	Applying Archaeological Research Software Engineering as Little Minions: Statistical & Computational Approaches to Daily Archaeological Tasks	CAA
727	The Roman Economic Mosaic: Exploring the Complexity of Economic Dynamics during the Roman Empire	CAA
737	Computational Landscapes: Debating Fundamental Issues of Archaeological Narratives	CAA
797	Best Practices on Archaeological 3D Data Management: Methods and Approaches to Capture, Generate, and Disseminate 3D Information in Archaeology	CAA
818	Current Status and the Future of Digital Archaeology in the Eastern Mediterranean	CAA (Greek Chapter - CAAGR)
789	Sharing, Merging and Analysis of Noninvasive Archaeological Data: towards a MCSA Doctoral Network	CAA, Archaeological Prospection Community
1149	Modelling as Collective Undertaking: Best Practices in Building an Open Access Library for Agent-based Modelling in Archaeology	CAA, COMPS
666	The Impact of Digital Methods in Bioarchaeology and Paleoanthropology: Innovative Applications and Technological Advances	CAA, DGUF
901	Understanding the Research Process as a Chaîne Operatoire	CAPTURE research project, Uppsala University
880	PARIS or Paradigm Shift	CCH
1021	EAA Community for Climate Change and Heritage (CCH) Roundtable	CCH
882	Synthesis, Facilitator or Hindrance: Should Synthesis Be Part of Commercial Archaeology or Left to the Academics?	CIfA
1128	Roundtable of the Community for Teaching and Training of Archaeologists	CIfA
240	Megaliths and the Community: Opportunities and Challenges of Community Engagement in the Management, Public Presentation, and Protection of Neolithic Landscapes	CIfA, DGUF
470	Bridging the Walls: Comparative Perspectives on Fortified Settlements	COMFORT

Session	Affiliated with	
1182	Cooperating or Competing? The Organisation of Space and Power Using Networks and Systems of Fortifications	COMFORT
1208	"Building Bridges: Advancing Archaeological Heritage and Tourism Management". Organized by the Community on the Management of Archaeological Heritage and Tourism	Community on the Management of Archaeological Heritage and Tourism
330	Textile Records: Past, Present and Future of Textile-Related Artefacts Recording in the Mediterranean and beyond	ComTex
579	Digital Approaches in Textile Archaeology from the Field to the Museum	ComTex
717	Interwoven. Textile Exchanges Across the Mediterranean from Prehistory to Us	ComTex
733	Interdisciplinary Approaches to the Archaeology of Roman Textiles - A Story Told Through Threads	ComTex
923	Metals and Metalworking I: Compositions and Origin	DGUF
1146	Discovering the Archaeologists of Europe, 10 Years Later	DGUF
835	The Horse in Archaeology: An Interdisciplinary Approach for Uncovering Relations between Horse and Humans in the Past	DGUF, Geosciences Centre of Coimbra University
616	Whose Heritage? Migration and Heritage: Problem or Opportunity?	EAA Heritage Advisory Committee
928	Why We Should Persist in Making Archaeology Accessible and Inclusive to All?	EAF and EA
657	Teaching and Learning Archaeology with Digital Tools	ERASMUS+ cooperation partnership Virtual Worlds
592	Decision-making and Assessing and Articulating Archaeological Significance	European Archaeological Council (EAC)
83	What's Going on with Finder-Collectors where You Are?	European Public Finds Recording Network
1224	ERC funding opportunities for archaeology	European Research Council
842	Continuity in Change: Environmental, Cultural, Social and Material Evolution in Ancient Arabia	International Association of Mediterranean and Oriental Studies (ISMEO)
888	From Material Landscapes to Cognitive Landscapes	Material Minds: XSCAPE

Session		Affiliated with
15	United Europe of Things? Materialities Creating Medieval Ritual Landscapes (c. AD 1000-1550)	MERC
42	Europe-South Asia Relations in the Medieval and Modern Periods	MERC
58	Archaeologies of Global Outlands. Non-Agricultural Economies and Interconnected Societies	MERC
93	Post-Earthquake Scenarios in the Classical and Medieval Periods. Archaeoseismology as a Tool for Investigation on an Urban and Architectural Scale	MERC
104	Zoochanges: Animals as Proxies during Periods of Transition and Change	MERC
105	How Were Medieval Towns in Europe Formed? Urban Settlements Between the Early and the High Middle Ages	MERC
301	What Is a Village? Collective Action, Settlement Patterns and Rural Communities	MERC
302	Luxury - Standard - Poverty: Archaeology of Quality of Life in Medieval and Early Modern Towns	MERC
374	From Lab to Field, from Vertical to Horizontal. New Approaches to the Use of Portable X-ray Fluorescence (pXRF) in Archaeology	MERC
387	Archaeology & the Global Middle Ages: Opportunities, Challenges, and Future Trajectories	MERC
395	Old Stories and New Data on Slavs. How to Interpret the Genetic, Linguistic and Subsistence Shifts in Early Medieval Europe?	MERC
522	Society in the Medieval Mediterranean (5th to the 12th Centuries) through Archaeology of Death	MERC
538	Contacts, Movements, Migrations in the Viking Age: Maritime Aspects of the Norse Expansion into the North Atlantic	MERC
542	Medieval Sensorium: Exploring the Archaeology of the Senses	MERC
566	Multiple Scales in the Manifestations of the Islamic	MERC
575	Abandonment and Opportunities? Responses to the Late Medieval Desertion	MERC

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600	Churches as Resources for Society ? Co-Creating Knowledge and Capturing Social Value	MERC
626	MERC Forum. Standing Ruined Buildings in Large Cities: A Burden or a Resource for Society?	MERC
629	Living Through Crisis: Urban Household Archaeologies in the Medieval World	MERC
631	"A Day without Pottery Is a Day Wasted" - Pottery Technology and Manufacture	MERC
643	The Experience of Stone II: Sculpting Comparative Phenomenologies	MERC
971	Health of Laboring Communities across Geographies of Work	MERC
1052	Reviewing the 2020 MERC Manifesto? Checking in on the Future Direction of Medieval Archaeology in Europe	MERC
1057	The Mediterranean in Scandinavia? Imports and Trade during the Middle Ages and Early Modern Period, c. 1000-1800	MERC
1068	Agrarian Change in the Medieval Mediterranean: Towards Holistic Archaeologies of Environmental Change	MERC
1076	The Late Antique to Early Medieval Transition in Europe and North Africa: Socio-Cultural Dynamics of Migration, Mobility, and Identity	MERC
1102	Strategies to Rule Them All. A Transnational Analysis of Landscape Control and Scales of Power Between 5-16th Centuries	MERC
1129	Inclusive Archaeology: Practical Approaches to Heritage Participation	MERC
1144	New Trends in Medieval and Modern Glass: Glass Centres, Production and Trade	MERC
1167	Historical Archaeologies of the Coastal and Fluvial Anthroposphere? landscapes and structures, combining settlement archaeology and geosciences	MERC
1040	Tracking the Urban DNA. Unravelling the Rise and Fall of Towns and Cities	MERC, Urban Archaeology Community
18	Fish * Forms * Functions: The Importance and Societal Role of Aquatic Resources in Prehistoric Societies	PaM

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151	The Beasts Among Us: A Closer Look at Synanthropic Human-Animal Relations in the Past	PaM
157	Multidisciplinary Approaches to Human Behavior and Environmental Dynamics of Late Early Pleistocene and Middle Pleistocene Europe	PaM
248	Lithics, Fauna: Let Them Refit!	PaM
327	Human Influence on Coastal Paleoenvironments: A Geoarchaeological Perspective of Human-Environmental Interactions from the Quaternary to the Anthropocene	PaM
364	Modeling Pleistocene Survival Dynamics: Ecology, Energetics and Evolution	PaM
398	What Do Animal Bones Have to Offer? Zooarchaeology and Taphonomy during the Middle to Upper Palaeolithic Transition in Southern Europe	PaM
452	Coastal Technology among Stone Age Hunter-Gatherers and Early Agropastoral Communities	PaM
549	Interdisciplinary Approaches to the Middle Paleolithic Record of the Balkan Peninsula	PaM
661	On Fire! Ancient Pyrotechnologies in Productive and Ritual Eastern Mediterranean and Near Eastern Contexts	PaM
697	Human-Environment Interactions in European Calcareous Landscapes during the Pleistocene and Holocene	PaM
871	Not Just Wear: The Synergy of Trace Analysis with Other Disciplines and Non-Invasive Techniques in Archaeology	PaM
895	Perceiving and Shaping Landscapes	PaM
916	Integrating Neandertal Legacy: From Past to Present. From Science to Society	PaM
957	Destroyed, Submerged, and Unreachable: The Challenging Interpretation of Human Strategies across Lost Landscapes	PaM
995	Sense and Sustainability in Foraging Communities	PaM

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1113	Going Beyond Traditional Approaches to Lithic Research in Prehistory and Protohistory: Hypothesis, methods, validation, contrast and raw data	PaM
1154	Stone Age Theory in an Undefined Paradigm: Gen-Y to Z, Third Science Revolutions to New Materialisms	PaM
1056	Telling the Stories of Others? Ethics, Epistemology, and Practices in Archaeological Discourses	PaM - HEAR
331	Across Deserts and Seas: Tempos and Modes of Neolithization in the Horn of Africa and the Arabian Peninsula	PaM, SAfA
355	Ochre and Culture: The Odyssey from Exploitation to Societal Significance	PaM, SAfA
466	Facilitating Public Engagement and Participation in Development-led Archaeology	Public Archaeology Community
926	Bridging Past and Present: Exploring Collaborative Approaches in Community and Citizen Archaeology	Public Archaeology Community
918	Public Benefit: Sharing, Critiquing, Brain-Storming and Blue-Skying Experience and Ideas to Help Archaeology Benefit Wider Society in the Future	Public Benefits of Archaeology Advisory Group
334	Ethnographic Analogy and the Pleistocene Archaeological Record: Re-assessing Potentials and Pitfalls	SAfA
571	Debating Best Practices and New Approaches for a Sustainable Study of Rock Art	SAfA
938	The Archaeology of Ancient Borderscapes: Multiple Approaches, New Paradigms	SAfA
699	Tracing Ovicaprine Lives: Bioarchaeological Perspectives on Sheep and Goat Husbandry	SAfA, ComTex
34	Archaeology, Landscape and Skyscape. How Material Archeology Change and Persist with Different Ontological and Epistemological Interpretations	SEAC-EAA
924	Roads, Passes and Valleys? Recent Discoveries and Perspectives in Caucasus Archaeology	Society of Young Archaeologists (Georgia)
860	Going with the Flow: The Many Facets of Glass in Past Societies	The Association for the History of Glass
708	Digital Dissemination: Using New Tools to Communicate with Stakeholders	The Humanities Guild

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794	Old Excavations and Finds, New Data and Interpretations: The Use of Archives in Current Archaeological Research Projects	UISPP Commission for the history of archaeology
973	Pyroarchaeology: Fire-Related Engineering, Environment and Cultural Proxies	UISPP Commission on pyroarchaeology