

PROGRAMME

ICAS-EMME 2

Second International Congress on Archaeological Sciences
in the Eastern Mediterranean and the Middle East

12-14 November
The Cyprus Institute, Nicosia, Cyprus



CAARI
Cyprus American Archaeological
Research Institute



Πανεπιστήμιο Κύπρου
University of Cyprus



ΤΜΗΜΑ ΑΡΧΑΙΟΤΗΤΩΝ ΚΥΠΡΟΥ
DEPARTMENT OF ANTIQUITIES CYPRUS



A.G. LEVENTIS
FOUNDATION



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*ICAS-EMME 2 is dedicated to **Professor Vassos Karageorghis** to mark his recent 90th birthday anniversary.*

Organising Committee

Prof. Thilo Rehren, A.G. Leventis Professor of Archaeological Sciences (Chair)

Dr Artemios Oikonomou (Co-Chair)

Dr Kirsi O. Lorentz (Co-Chair)

Dr George Artopoulos

Dr Nikolas Bakirtzis

Dr Sorin Hermon

Dr Evi Margaritis

Dr Efthymia Nikita

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Prof. Martin Jones, Department of Archaeology, University of Cambridge

Prof. Sturt Manning, Department of Classics, Cornell University, USA

Dr Michel Menu, C2RMF, Paris, France

Prof. Franco Niccolucci, Department of Urban Studies, University of Florence, Italy

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Dr Artemios Oikonomou, STARC, The Cyprus Institute, Cyprus

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USEFUL INFORMATION ICAS-EMME 2

Bus Schedule:

Tuesday 12/11/19

From	To
Solomos Square (08:00)	The Cyprus Institute, NTL Building (08:30)
The Cyprus Institute, NTL Building (20:00)	Solomos Square (20:20)

Wednesday 13/11/19

From	To
Solomos Square (08:00)	The Cyprus Institute, NTL Building (08:30)
The Cyprus Institute, NTL Building (19:00)	Solomos Square (19:20)

Thursday 14/11/19

From	To
Solomos Square (08:00)	The Cyprus Institute, NTL Building (08:30)
The Cyprus Institute, NTL Building (18:30)	Solomos Square (18:50)

Note: *At Solomos Square (next to the Fire Fighter Station) there will be 2 buses with a leaflet in front quoting the "ICAS – EMME 2".*

WIFI:

USERNAME: ICAS-EMME 2

PASSWORD: abcd7890

Prayer Room:

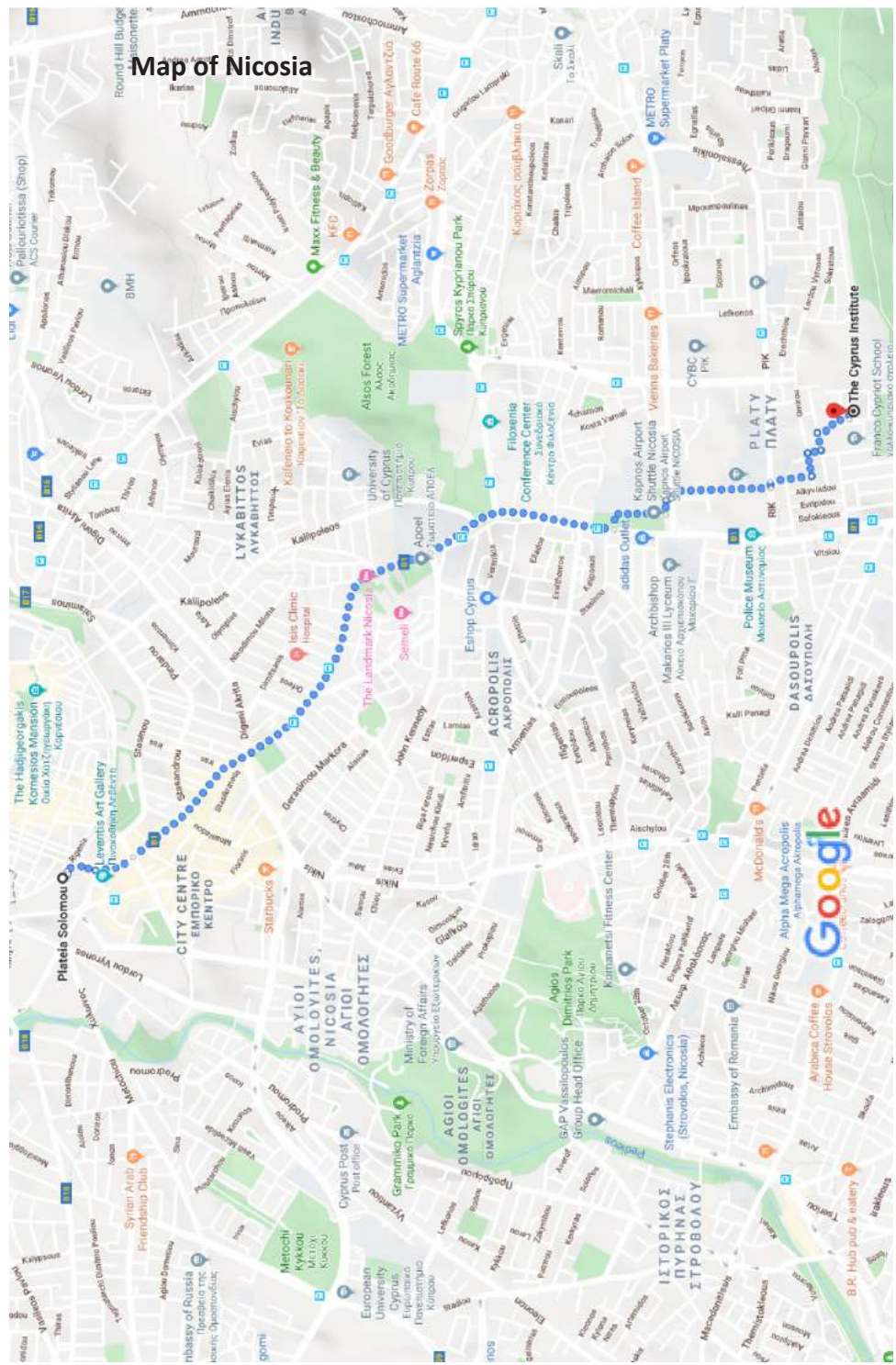
NTL Building, Conference Room, 2nd Floor

Useful telephone numbers:

Emergencies: Ambulance: 199
 Fire Brigade: 199, 112
 Police: 199, 112

Other: Taxi: 00357 – 22513000
 The Cyprus Institute Reception: 00357 – 22208700
 STARC Office: 00357 – 22208669
 Artemios Oikonomou: 00357 - 94049694

Map of Nicosia



PROGRAMME

Monday 11th of November

18:30-21:30 Welcoming reception at Cyprus American Archaeological Research Institute (CAARI) [11 Andreas Demetriou Street Nicosia 1066, CYPRUS]
Pre-registration

Tuesday 12th of November

08:30-09:00 Registration (NTL Building)

09:00-09:30 Opening ceremony (NTL Building)
Prof. Thilo Rehren, A.G. Leventis Professor of Archaeological Sciences
Dr Lindy Crewe, Director, CAARI
Prof. Vasiliki Kassianidou, ARU
Dr Marina Solomidou-Ieronymidou, Director, DoA
Mr Theodosios Tsiolas, Permanent Secretary, GDEPCD

Session I Frontiers in Digital Archaeology (NTL Building)

Chairs: *Prof. F. Niccolucci, Dr S. Hermon*

09:30-10:00 **Keynote lecture:** Challenges in Digital Archaeology
Prof Franco Niccolucci

10:00-10:20 **FDA1:** A LIVING SHIPWRECK: A composite study of scrambling devices: three-dimensional modelling and biological analysis for the understanding of site formation processes in archaeological shipwreck sites
M. Secci, S. Demesticha, C. Jimenez, I. Katsouri, B. Stivarou

10:20-10:40 **FDA2:** From excavation to the drawing and from drawing to the model. The digital reconstruction of twenty years excavations in the archaeological site of Bedriacum
S. Parrinello, F. Galasso

10:40-11:00 **FDA3:** The identification of cities in archaeology: A case study from central Israel, the seventh-eleventh centuries AD
H. Nal

11:00-11:20 **FDA4:** Knowledge-based generative adversarial networks for scene understanding in cultural heritage
R. Garozzo, C. Pino, C. Santagati, C. Spampinato, G. Vecchio

11:20-11:40 Coffee break

11:40-12:00 **FDA5:** Digital reconstruction and visualization of a New Kingdom palace area from the eastern Nile Delta/Egypt
I. Hein, S. Müller

12:00-12:20 **FDA6:** HBIM Approach for the knowledge and documentation of the St. John the Theologian Cathedral in Nicosia (Cyprus)
N. Bakirtzis, S. Hermon, C. Laurini, D. Papacharalambous, G. Sanfilippo, C. Santagati

12:20-12:40 **FDA7:** 3D Geometric descriptors for the study of Cypriot coroplastic production
V. Vassallo, A. Scalas, M. Mortara M., S. Hermon

12:40-14:00 Lunch break & **POSTER SESSION I (NTL Building)**

14:00-14:20 **FDA8:** SimpleX: Towards an Ontology for Archaeological Pottery
Ch. Paraskeva

14:20-14:40 **FDA9:** Towards a Phygital Heritage approach for Museum Collection
M. Lo Turco, P. Piumatti, M. Calvano, E. C. Giovannini, N. Mafrici

14:40-15:00 **FDA10:** Machine Learning approach for monitoring and managing museum collections
F.M. La Russa, C. Santagati

15:00-15:20 Coffee break

Session II Art Characterization (NTL Building)

Chairs: *Dr M. Menu, Dr N. Bakirtzis*

15:20-15:50 **Keynote lecture:** Heritage Science a discipline for the conservation and analysis of works of art.
Dr Michel Menu

15:50-16:10 **Art1:** Laser applications for the characterization of cultural heritage
V. Detalle, X. Bai, M. Lopez, C. Koch Dandolo, M. Menu

- 16:10-16:30 **Art2:** Giovanni Baronzio's 'Crucifixion': Analytical Approaches and Art Historical Considerations
S. Gasanova, N. Bakirtzis D. Levif-Martos
- 16:30-16:50 **Art3:** The Application of Portable XRF on Negev Rock Art: Chronological Trends at the Ramat Matred Petroglyphs as a Test Case
I. Shapira, D. Eisenberg-Degen, L. Schwimer, Y. Goren
- 16:50-17:10 **Art4:** Mapping the mineralogical composition of pigments using multispectral imaging in the frigidarium of the Sarno Baths, Pompeii
Y. Asscher, I. Angelini, M. Secco, M. Parisatto, A. Chaban, R. Deiana, G. Artioli
- 17:10-17:30 **Art5:** Documentation of paintings restoration through photogrammetry and change detection algorithms
D. Abate

Session III Synchrotrons in Archaeology and CH-SESAME (GOB Building)

Chairs: *Dr G. Paolucci, Dr K.O. Lorentz*

- 14:00-14:30 **Keynote lecture:** Cultural Heritage and Archaeological Research at SESAME Synchrotron
Dr Giorgio Paolucci
- 14:30-14:50 **SSE1:** Synchrotron radiation enabled human bioarchaeology in the EMME region: SR-XRF, XANES and EXAFS data in exploring key archaeological questions
K. Lorentz
- 14:50-15:10 **SSE2:** SR-FTIR in Archaeological and Cultural Heritage Research at SESAME
G. Kamel
- 15:10-15:30 **SSE3:** Advantages and potential of SR phase contrast microCT enabled virtual dental histology in comparison with conventional dental histology
S. Lemmers, K. Lorentz
- 15:30-15:50 **SSE4:** Highlights of potential Synchrotron research applications at the University of Jordan: case studies from Cultural Heritage
B.M.Y. Gharaibeh, M. Arimat

15:50-16:10 Coffee break

- 16:10-16:30 **SSE5:** SR-FTIR analyses of ancient hair remains from Anatolia
A. Buyukkarakaya, G. Kamel, S. Lemmers, K. Lorentz
- 16:30-16:50 **SSE6:** Comparison of synchrotron CT and laboratory based micro-CT
with applications in heritage materials
K. Jakata
- 16:50-17:10 **SSE7:** SR microCT in identification of>NNL: Distinguishing between
stillborn and newborn infants
Y. Miyauchi, S. Lemmers, K. Lorentz
- 17:10-17:30 **SSE8:** Synchrotron X-Ray Spectroscopy in archaeology and cultural
heritage: Lessons learned
E. Alp
- 17:30-18:00 Refreshments (NTL Building)
- 18:00-19:00 **Public Keynote Lecture:** Time, History and Climate in Cyprus: the Cy-
prus Dendrochronology Laboratory and recent progress
(NTL Building)
Prof. Sturt Manning
- 19:00-20:00 Reception in Honour of Prof. Vassos Karageorghis (NTL Building)

Wednesday 13th of November

08:30-09:00 Registration (NTL Building)

Session IV Human Osteoarchaeology (NTL Building)

Chairs: *Prof. A. Soltysiak, Dr E. Nikita*

09:00-09:30 **Keynote lecture:** Textual sources: A headache and a godsend for Mediterranean and Oriental bioarchaeologists
Prof. Arkadiusz Soltysiak

09:30-09:50 **Hum1:** Eastern Mediterranean isotopic research within the IsoMemo initiative
R. Fernandes

09:50-10:10 **Hum2:** Changes to the human diet at Knossos under the Roman Empire and Christianity using stable isotope analysis
A. Moles, H. Reade, A.-L. Jourdan, R. Stevens

10:10-10:30 **Hum3:** Isotopic reconstruction of the lifeways of ancient Athenians
R. Fernandes, A. Lagia

10:30-10:50 **Hum4:** Malaria in the Eastern Mediterranean: Preservation, Curation, and Biomolecular Promises
M. Gamble, F. Maixner, A. Loufouma-Mbouaka, A. Zink, M. Binder

10:50-11:10 Coffee break

11:10-11:30 **Hum5:** Human remains under the microscope of funerary taphonomy. Investigating the histological biography of the decaying body in the prehistoric Aegean
N. Papakonstantinou, Th. Booth, S. Triantaphyllou

11:30-11:50 **Hum6:** East of Rome: reexamining impacts of Roman imperialism on Eastern Mediterranean populations through an osteoarchaeological perspective
K.E. Marklein

11:50-12:10 **Hum7:** Bioarchaeological approaches to human mobility in the EMME and beyond: the People in Motion project in context
E. Nikita

12:10-12:30 **Hum8:** Inter-personal violence in the Iron Age cemetery at Qareh Tepe, Iran
J. Trębicka

12:30-14:00 Lunch break & **POSTER SESSION II (NTL Building)**

Session V Crops, Food Choices, and Landscapes (NTL Building)

Chairs: *Prof. M. Jones, Dr E. Margaritis*

14:00-14:30 **Keynote lecture:** Mobility and selection: some reflections upon domestication
Prof. Martin Jones

14:30-14:50 **CFL1:** Human diet and landscape as attested by the plant remains of PPNC Atlit-Yam, Carmel Coast, Israel
A. Hartmann-Shenkman, M.E. Kislev, E. Galili, E. Weiss

14:50-15:10 **CFL2:** Food or fuel? A micro-botanical perspective of plant remains from Neolithic Abu Hureyra, N. Syria
K. Dudgeon

15:10-15:30 **CFL3:** Between the Desert and the Sown Revisited: crops, food choices and landscapes of the Levant
C. Palmer

15:30-15:50 **CFL4:** Crop Choice and Socio-Economic Organisation in Bronze Age Western Anatolia
T. Maltas

15:50-16:10 **CFL5:** Early Bronze Age communities of Western Anatolia: with a special contribution on archaeobotanical research
Ö. Çizer

16:10-16:30 Coffee break

16:30-16:50 **CFL6:** The trade distances across the southern Levant during the Early Bronze Age - the botanical evidence
S. Frumin, Y. Melamed, E. Weiss

16:50-17:10 **CFL7:** Landscapes of production and the nature of urban farming at Tell Brak
Ch. Diffey, M. Charles, A. Bogaard

- 17:10-17:30 **CFL8:** Arboriculture and urbanism in the Bronze Age Aegean
E. Margaritis
- 17:30-17:50 **CFL9:** Exploring the human-cattle relationship in Bronze Age Cyprus: Archaeozoological, isotopic and ethnographic approaches
A. Spyrou
- 17:50-18:10 **CFL10:** The road to the Bronze Age: a diachronic approach to sheep and goat husbandry in prehistoric Cyprus
A. Hadjikoumis
- 18:10-18:30 **CFL11:** Isotopic Data ($\delta^{18}O$, $\delta^{13}C$) as a Means of Investigating Early Complex Societies: The Case of Animal Management in the Jordan Valley
L. Welton
- 18:30-18:50 **CFL12:** A multi-isotope base map for Jordan: a tool for re-examining movement and community in the past
L. Johnson, Kh. el-Bashaireh, A. Al-Shorman, J. Montgomery, G. Philip
- 20:30 Official dinner of ICAS-EMME 2
[Mezostrati tavern, Evagorou 18E, 1065, Nicosia, Cyprus]

Thursday 14th of November

08:30-09:00 Registration (NTL Building)

Session VI Computation in Archaeology (NTL Building)

Chairs: *Prof. E. Paliou, Dr G. Artopoulos*

09:00-09:30 **Keynote lecture:**Modelling long-term settlement evolution: further insights into the application of spatial interaction entropy maximisation models (SIEMs) in archaeology
Prof. Eleftheria Paliou

09:30-09:50 **CA1:** ANNFASS: A Neural Network Framework for understanding historical monuments Architectural Structure and Style
M. Igarievna Maslioukova, M. Averkiou, M. Deligiorgi, G. Artopoulos, E. Kalogerakis, G. Patow, Y. Chrysanthou

09:50-10:10 **CA2:** From Analogue to Digital: 40 years of archaeological documentation and management at the Neolithic UNESCO World Heritage site of Khirokitia
D. Abate, M. Faka, C. Ioannou, N. Bakirtzis, S. Hermon, O.D. Le Brun

10:10-10:30 **CA3:** Khirokitia: simulating a proto-urban site
G. Artopoulos, I. Romanowska, O.D. Le Brun

10:30-10:50 **CA4:** When culture meets economy: modelling cultural complexity in an economic setting
I. Romanowska, T. Brughmans, S. Carrignon, A. Lichtenberger, R. Raja

10:50-11:10 Coffee break

11:10-11:40 **Public Keynote Lecture:** Archaeological materials studies and modern innovation: examples from the study of ceramics and mortars
Dr Vassilis Kilikoglou

Session VII Archaeological Materials (NTL Building)

Chairs: *Prof. Kh. Al-Bashaireh, Prof. Th. Rehren*

11:40-12:10 **Keynote lecture:** Ancient marble trade and its provenance determination
Prof. Khaled Al-Bashaireh

12:10-12:30 **AM1:** A Technological Approach to Iron Age Pottery from the Zagros Region: A Case Study from the Dinka Complex (Iraqi Kurdistan)
S. Amicone, J.-J. Herr

12:30-14:00 Lunch break & **POSTER SESSION III (NTL Building)**

14:00-14:20 **AM2:** Raw material procurement at Boila Rockshelter, northwestern Greece, as an indicator of hunter-gatherer mobility in Greece during the Late Upper Palaeolithic and Mesolithic
P. Elefanti, G. Marshall, Ch. Stergiou, E. Kotjabopoulou

14:20-14:40 **AM3:** The contribution of soil micromorphology for understanding the occupation styles in prehistory: Two case-studies from Cyprus and Crete
P. Mylona, M. Pomadère, J.-D. Vigne

14:40-15:00 **AM4:** Abandonment processes through the microscope lens. Microarchaeological data from Middle Bronze Age Erimi, Cyprus
M. Amadio, L. Bombardieri

15:00-15:20 **AM5:** Metallic and glazed artefacts from the Cypriot Chalcolithic
V. Kassianidou, A. Charalambous

15:20-15:40 **AM6:** Preliminary evidences for a Chalcolithic copper workshop in Fasa, Northern Jordan Valley
Th. Rose, D. Rosenberg, S. Bar, Y. Goren

15:40-16:00 **AM7:** From desert ores to Middle Kingdom copper: first chemical and lead isotope data from the AHM collection, Belgium
F.W. Rademakers, G. Verly, L. Delvaux, P. Degryse

16:00-16:20 Coffee break

- 16:20-16:40 **AM8:** Using pXRF spectroscopy to identify ancient copper alloys: the case of LBA Enkomi (Cyprus)
A. Charalambous, V. Kassianidou, G. Papasavvas
- 16:40-17:00 **AM9:** “Cooking up” pottery recipes: a diachronic technological and provenance analysis of cooking ware ceramics from prehistoric Heraion on Samos, Greece (5th to early 2nd millennia BC)
S. Menelaou, O. Kouka
- 17:00-17:20 **AM10:** Indigeneity and innovation of early Islamic glaze technology
C. Ting, I. Taxel
- 17:20-17:40 **AM11:** Technology of early Byzantine glass from the glass workshop of Argyroupoli, Rethymno, Crete: Preliminary results using SEM-EDS
A. Oikonomou, A. Fiolitaki
- 17:40-18:00 **AM12:** Glass from the Sea: Composition of Raw Glass off the Coast of Israel
Y. Gorin-Rosen, I.C. Freestone, E. Galili
- 18:00-18:20 **AM13:** Persian Crucible Steel: Archaeology, Manuscripts and Experiments
R. Alipour, Th. Rehren

Friday 15th of November

- 10:00-13:00 Visit at the Archaeological Museum (Nicosia)

LIST OF POSTERS

Poster Session I (Tuesday 12th of November, NTL Building)

Synchrotrons in Archaeology and CH-SESAME

- SSE-P1 STARCH: at the origins of starch food diet. SR-FTIR and SEM applied to Palaeolithic Grinding Stones from the Pontic area
G. Biranda, L. Vaccari, N. Cefarin, C. Cagnato, I. Pantushina, N. Skakun, C. Lubritto, G. Sorrentino, L. Longo
- SSE-P2 Exploring paleopathology of Hellenistic/Roman Paphos (Cyprus): Potential of high-resolution SR microCT at SESAME
G. Ioannou, S. Lemmers, K. Lorentz
- SSE-P3 Charlie ‘unwrapped’: a scientific investigation of a Mummified Votive offering in the Australian Institute of Archaeology collection
C.A. Raymond, J.J. Bevitt, C.J. Davey
- SSE-P4 Hidden Text: Imaging and Reading an Ancient Tablet encased in an Envelope
L.R. Siddall, C.A. Raymond, J.J. Bevitt, C.J. Davey

Poster Session II (Wednesday 13th of November, NTL Building)

Human Osteoarchaeology

- Hum-P1 Skeletal evidence of trepanation from ancient Akanthos, Greece
A. Aidonis, Ch. Papageorgopoulou
- Hum-P2 Human remains from Bronze and Iron Age sites in Armenia: palaeobiological and paleopathological studies and a new approach to age estimation through the use of Cameriere’s dental radiographic method
F. Bertoldi, R. Mkrtychyan, A. Piliposyan, H. Simonyan, R. Cameriere
- Hum-P3 The results of the complex study of bone materials obtained in the yard of the Monastery of the Theotokos and the crypt of the Church of Saint Nicholas in Gialia
L. Bitadze, S. Laliashvili, D. Mindorashvili, I. Gagoshidze

- Hum-P4 Breastfeeding and weaning patterns in ancient Thessaloniki
E. Ganiatsou, E. Vika, Ch. Papageorgopoulou
- Hum-P5 The inhabitants of ancient Kition: Preliminary insights
A. Karligkioti, P. Christofi, K. Helgeson, S. Mavroudas, F. Constantinou, K. Cruz, E. Nikita, N. Herrmann
- Hum-P6 Stature estimation in ancient Greek population of Roman times
M. Koukli, F. Siegmund, Ch. Papageorgopoulou
- Hum-P7 Burials and human osteological remains from the Bronze Age acropolis of Aghios Ioannis in Boeotia, Greece: preliminary results of the bioarchaeological analysis
E. Kountouri, P. Tritsaroli, Th. Konstantakou
- Hum-P8 Social Mobility and Life Quality in Roman Byblos: Comparative Analysis of Cross-Sectional Geometry, Degenerative Joint Disease, Enthesal Changes, Cemetery Clustering, and Tomb Typology
M. Mardini, E. Nikita, G. Doumit, T. Zaven, M. Ghadban
- Hum-P9 Evidence of kinship and membership in the Bronze Age collective burials from the Caucasian cemetery of Doghlauri (Shida Kartli region, Georgia)
P.A. Rasia, L. Bitadze, E. Rova, F. Bertoldi
- Hum-P10 Investigating oral pathologies and their implications at the Imperial Roman Province of Upper Macedonia
Ch. Vergidou, G. Karamitrou-Mentesidi, S. Voutsaki, E. Nikita
- Hum-P11 The assessment of bone deterioration with nuclear magnetic resonance spectroscopy in a multidisciplinary context: The case of the UNESCO world heritage site of Sedlec, Czechia
A. Viani, P. Máčová, D. Machová, T. Čendak

Crops, Food Choices, and Landscapes

- CFL-P1 A 3D Tool for Identification of Grapevine Varieties – Sample Preparation, Scanning and Analysis
M. David, E. Drori, A. Karasik, E. Weiss
- CFL-P2 Scientific geo-ethnoarchaeology and its archaeological application to investigate farming, settlements and agriculture in the past
S. Elliott

- CFL-P3 Crops and food choices at the Late Bronze Age site of Hala Sultan Tekke
D. Kofel, T. Bürge, P.M. Fischer
- CFL-P4 The archaeobotany of Pre-Pottery Neolithic Cyprus: a synthesis of current and recent data
M. Rousou, M. Tengberg, O. Kouka
- CFL-P5 Marine vertebrate exploitation in the eastern Mediterranean c. 2500 BC - 1300 AD
R. Winter, W. de Kock, C. Çakırlar

Poster Session III (Thursday 14th of November, NTL Building)

Archaeological Materials

- AM-P1 Investigating the architectural history of the 14th century AD Al-Attar mosque, Tripoli- Lebanon
R. Baydoun, Z. El Morr, C. Hachem, G. Homsy-Gottwalles
- AM-P2 Ancient artisans and ethno-archaeology. From Early Iron Age Naxos and Andros to modern Cyprus: first assessment and perspectives
X. Charalambidou, B. McLoughlin, G. London
- AM-P3 Scientific Investigation of Roman-Byzantine Glass Working Remains from 'Aqir, Israel
C. Chen, I. Freestone, Y. Gorin-Rosen
- AM-P4 Egyptian Middle Kingdom Copper: Analysis of a Crucible from Buhen
C.J. Davey, B. Santarelli, Th. Rehren
- AM-P5 Technology and Provenance of Stamped Documents on Clay: study of Iron Age bullae from Jerusalem
C. Fossé, E. Arie, Y. Goren
- AM-P6 "Moving" cooking pots in LBA Chania, Crete: local production and imports
S. Fouriki, E. Kiriatzki, M. Vlazaki, B. Hallager
- AM-P7 Revisiting the question of ceramic provenance in the Northern and North-eastern Peloponnese
C. Gardner, E. Kiriatzki, N.S. Müller, G. Giannakopoulos, K. Tsirtsis, K. Kissas, S. Müth-Frederiksen, Ch. Hayward, N.M. Kristensen

- AM-P8 Bringing life to old MUSEum Collections: The interdisciplinary study of pottery from the Cypriot Iron Age polities of Salamis, Soloi, Lapithos and Chytroi (MuseCo)
A. Georgiadou, M. Dikomitou-Eliadou, G. Papasavvas, P. Waiman-Barak, D. Pilides
- AM-P9 Archaeometallurgical analyses of metal finds from the Akko Tower shipwreck
N. Iddan, M. Cohen, D. Ashkenazi, D. Cvikel
- AM-P10 Mapping Archaeoseismic Damages across Jordan (MADAJ)
R. Jaradat, Kh. al-Bashaireh, Ad. al-Rawabdeh, A. Gharaibeh, B. Khrisat
- AM-P11 Characterization of Historical Materials from Rammed Earth Heritage of Iran
M.Z. Moghaddam
- AM-P12 Maritime trade in Early Islamic-period glass: New evidence from the Ma'agan Mikhael B shipwreck
E. Natan, Y. Gorin-Rosen, D. Cvikel
- AM-P13 Iron Production Technology in the Neo-Assyrian Sphere: The Iron Workshop at Tel Sera', Western Negev, Israel
Y. Pagelson, E.D. Oren, Y. Golan, Y. Goren
- AM-P14 State-of-the-Art TEM coupled with Electron Diffraction for the Study of Silicate Archaeological Materials
N. Zacharias, S. Nikolopoulos, E. Palamara, P.P. Das
- AM-P15 Technology of slips and glazes in the post-medieval Balkans: the case of Belgrade in the 16th and 17th centuries
J. Živković

