

**PROGRAM**
**Monday 14/03/2022**

**19:00-21:00** Pre registration - Welcoming reception at the Cyprus American Archaeological Research Institute (CAARI)

**Tuesday 15/03/2022**

**09:00-09:30**

**Opening ceremony**
**Session 1 | Archaeological Science studies in the EMME region**

*Session chairs: Prof. Apostolos Sarris*

NTL Building

**Session 2 | Mediterranean palaeomobility: written sources, material networks and skeletal data**

*Session chairs: Dr Efthymia Nikita and Prof. Cyprian Broodbank*

ANNEX Building

**09:30-09:50**

**O1.1.** | Neolithic plaster floors at Motza: Earliest case of burning dolomite for plaster? | [Yonah Maor](#), [Hamoudi Khalaily](#), [Jacob Vardi](#), [Yotam Asscher](#)

**O2.1.** | Hala Sultan Tekke, Cyprus: Interregional interactions in the Late Bronze Age | [Peter Fischer](#)

**09:50-10:10**

**O1.2.** | Identifying properties of ancient lime mortars in the Roman baths of Tyre, Lebanon | [Ali Khalil Badawi](#), [Aurelia Badde](#), [André Gardei](#), [Linda Hakim](#), [Bernhard Illerhaus](#), [Dietmar Meinel](#)

**O2.2.** | Isotopic assessment of the diverse burial sample from Late Helladic and Protogeometric Mitrou and Tragana-Agia Triada | [Nicholas Herrmann](#), [Stephanie Fuehr](#), [Aleydis Van de Moortel](#)

**10:10-10:30**

**O1.3.** | Geoarchaeology of prehistoric Cypriot architecture. Integrated analyses of mudbricks from Middle Bronze Age Erimi | [Marialucía Amadio](#), [Luca Bombardieri](#)

**O2.3.** | Diet and population admixture at Colonia Iulia Augusta Diensis (Dion) | [Paraskevi Tritsaroli](#), [Evagelia Alvanou](#), [Michael Dee](#), [Dimitris Filioglou](#), [Sofia Voutsaki](#)

**10:30-11:00**

**Coffee break**

**Session 1 | Archaeological Science studies in the EMME region**
*Session chairs: Prof. Apostolos Sarris*

NTL Building

- 11:00-11:20** | **01.4.** | An application of point pattern analysis and spatial statistics in lithic distributions | [Anastasia Eleftheriadou](#)
- 11:20-11:40** | **01.5.** | Island metallurgy: Investigation of Cypriot metal objects in the collection of The Fitzwilliam Museum, Cambridge | [Susanna Pancaldo](#), [Jana Mokrisova](#), [Ema Bauzyte](#)
- 11:40-12:00** | **01.6.** | Assessing the iron-working skills at Roman Judaea: An archaeometallurgical study of two Bar-Kokhba revolt assemblages from Israel | [Yarden Pagelson](#), [Peter Fabian](#), [Yuval Goren](#)
- 12:00-12:20** | **01.7.** | Osmium isotope analysis as an innovative tool for provenancing ancient iron: Application for sourcing Iron Age objects in the southern Levant | [Adi Eliyahu-Behar](#), [Naama Yahalom-Mack](#), [Michael Brauns](#)

**12:30-14:00**
**Lunch and Poster Session**
**Session 1 | Archaeological Science studies in the EMME region**
*Session chairs: Prof. Yorgos Facorellis*

NTL Building

- 14:00-14:20** | **01.8.** | Collagen extraction and evaluation of organic preservation in skeletal material from the Neolithic settlement in Dispilio, Greece | [Iliopoulos Dimitris](#), [Stathopoulou Elizabeth](#)
- 14:20-14:40** | **01.9.** | Before they were Kings: an interdisciplinary study of consumption practices in the Ayios Vasileios North Cemetery (Laconia) | [Maria Roumpou](#), [Efrossini Vika](#), [Vasco Hachtmann](#), [Sofia Voutsaki](#)
- 14:40-15:00** | **01.10.** | Archaeobotanical perspectives from two thousand years at Tell es-Safl Gath | [Suembikya Frumin](#), [Ehud Weiss](#)

**Session 2 | Mediterranean palaeomobility: written sources, material networks and skeletal data**
*Session chairs: Dr Efthymia Nikita and Prof. Cyprian Broodbank*

ANNEX Building

- 02.4.** | Mobility and connectivity in early Roman Crete: the evidence from the tombs and the scope for further skeletal investigation | [Anna Moles](#)
- 02.5.** | Mobility in Roman Phoenicia: A biodistance study | [Mahmoud Mardini](#), [Ali Badawi](#), [Tania Zaven](#), [George Doumit](#), [Mohana Chahine](#), [Efthymia Nikita](#)
- 02.6.** | Stowaway: A Ship Rat's Journey | [Sierra Harding](#), [Ardern Hulme-Beaman](#), [Deborah Cvikel](#), [Nimrod Marom](#)
- 02.7.** | SrlsoMed: An open access database for Sr isotopes across the Mediterranean | [Efthymia Nikita](#), [Mahmoud Mardini](#), [Patrick Degryse](#)

**Session 3 | Copper metallurgy in the EMME**
*Session chairs: Prof. Thilo Rehren, Dr Myrto Georgakopoulou and Prof. Vasiliki Kassianidou*

ANNEX Building

- 03.1.** | Copper alloys in the Early Bronze Age Aegean | [Myrto Georgakopoulou](#), [Liana Filippaki](#), [Yannis Bassiakos](#)
- 03.2.** | Early zinc metallurgy in Urartu: Recent evidence from eastern Anatolia | [Ümit Güder](#), [Abdulkadir Özdemir](#), [Marek Vercik](#)
- 03.3.** | From the north to the south, metals all around: Alloying in the prehistoric Bronze Age sites of Bellapais-Vounous and Kalavassos-Village, Cyprus | [Andreas Charalambous](#), [Rafael Laoutari](#)

|             |  |   |
|-------------|--|---|
| 15:00-15:20 | <b>01.11.</b>   Study and Investigations of Archaeobotanical remains from Tutankhamun tomb   <a href="#">NagmEldeen Morshed Hamza</a>  | <b>03.4.</b>   Metal-making strategies and technological skills in 2 <sup>nd</sup> Millennium BCE western Anatolia: New archaeometric data from the LBA citadel of Kaymakçı   <a href="#">Dalila Alberghina</a>   |
| 15:30-16:00 | <b>Session 1   Archaeological Science studies in the EMME region</b><br><i>Session chairs: Prof. Yorgos Facorellis</i><br>NTL Building   | <b>Coffee break</b>   |
| 16:00-16:20 | <b>01.12.</b>   Variations of the geomagnetic field during the second and first millennia BCE through the study of Greek pottery: impact for archaeology   <a href="#">Despina Kondopoulou</a> , <a href="#">Mercedes Rivero-Montero</a> , <a href="#">Miriam Gomez-Paccard</a> , <a href="#">Elina Aidona</a> | <b>Session 3   Copper metallurgy in the EMME</b><br><i>Session chairs: Prof. Thilo Rehren, Dr Myrto Georgakopoulou and Prof. Vasiliki Kassianidou</i><br>ANNEX Building   |
| 16:20-16:40 | <b>01.13.</b>   Minor marble objects and trade networks. The case study of Meter reliefs from Ephesos   <a href="#">Vasiliki Anevlavi</a> , <a href="#">Sabine Ladstätter</a> , <a href="#">Walter Prochaska</a>   | <b>03.5.</b>   Recording the copper slag heaps in the hinterland of the kingdom of Palaepaphos   <a href="#">Vasiliki Kassianidou</a> , <a href="#">Andreas Charalambous</a> , <a href="#">Demetrios Ioannides</a> , <a href="#">Maria Iacovou</a> , <a href="#">Athos Agapiou</a> , <a href="#">Zomenia Zomeni</a> |
| 16:40-17:00 | <b>01.14.</b>   Is there something missing in provenance studies of ancient marble?   <a href="#">Khaled Al-Bashaireh</a>  | <b>03.6.</b>   Cutting edge metallurgy: Blade technology in the Late Bronze Age Carpathian basin (The Fall of 1200 BC)   <a href="#">Vana Orfanou</a> , <a href="#">Barry Molloy</a>  |
| 17:00-17:20 | <b>01.15.</b>   Blue my mind: the discovery and experimental production of Persian blue   <a href="#">Rahil Alipour</a> , <a href="#">Thilo Rehren</a>   | <b>03.7.</b>   New Insights on the provenance studies of the Bronze Age copper-based objects from south-western Iran   <a href="#">Omid Oudbashi</a> , <a href="#">Virginie Renson</a> , <a href="#">Reza Naseri</a>  |
| 17:20-17:40 | <b>01.16.</b>   Fragments of luxury: Glass findings from the Palace of Mystras   <a href="#">Eleni Palamara</a> , <a href="#">Vasiliki Valantou</a> , <a href="#">Dimitrios Palles</a> , <a href="#">Efstratios Kamitsos</a> , <a href="#">Nikolaos Zacharias</a>  | <b>03.8.</b>   Lead isotope analysis for provenancing: different perspectives explored through a case study on Roman Republican silver coins   <a href="#">Sarah De Ceuster</a> , <a href="#">Dimitra Machaira</a> , <a href="#">Patrick Degryse</a>  |
| 18:00-19:00 |  | <b>Round Table: <i>Moving and Mixing: Mobility, Theory and Provenance</i></b><br><i>(Closed Session No Audience)</i>  |

## POSTER SESSION

## NTL Building

**P1.1.** | A bridge between Science and Archaeology in studying Tutankhamun's collection | [NagmEldeen Morshed Hamza](#)

**P1.2.** | Contextualizing and interpreting biological distance from dental metric data at Oymağaç, Turkey (1<sup>st</sup> c. BCE-2<sup>nd</sup> c. CE) | [Kathryn Marklein](#), [Madelyn Green](#)

**P1.3.** | An updated chronology of Tepe Sialk in Iran, based on OSL and C14 dating | [Hassan Fazeli Nashli](#), [Katerina Theodorakopoulou](#), [Kostas Stamoulis](#), [Constantin Athanassas](#), [Hamid Nazari](#), [Sepideh Jamshidi Yeganeh](#), [Jebraeil Nokandeh](#)

**P1.4.** | Archaeobotany in Tinos Island: A preliminary test of applicability | [Thorsten Jakobitsch](#), [Vangelis Samaras](#), [Konstantinos Pantzouris](#), [Anastasia Angelopoulou](#)

**P1.5.** | Plaster, cartonnage, and the making of Egyptian coffins: project overview | [Caterina Zaggia](#), [Marcos Martinon-Torres](#), [Matthew Collins](#), [Helen Strudwick](#), [Julie Dawson](#)

**P1.6.** | Thouria Lagynos: An organic residue study | [Delaney Brink](#), [Stamatis Boyatzis](#), [Nikolaos Zacharias](#)

**P1.7.** | XRF Analysis of 16 Hellenistic coins: An archaeometric approach to bronze alloys of Ancient Messene coinage | [Artemis Kampa](#), [Eleni Palamara](#), [Nikolaos Zacharias](#)

**P3.1.** | Bronze Age copper production at Hala Sultan Tekke, Cyprus: First archaeometallurgical results | [Mathias Mehofer](#), [Teresa Bürge](#), [Peter Fischer](#)

**P3.2.** | The archaeometallurgical transition from Neolithic to Chalcolithic Period in northern Iranian Plateau: Some pieces of evidence from Tappeh-Zaghe and Tappeh-Ghabristan | [Sepehr Bahadori](#), [Omid Oudbashi](#), [Mathias Mehofer](#), [Ahmad Aliyari](#)

**P3.3.** | EBA metal objects from Mesi Glyfada sea, Northern Aegean, Greece: preliminary data | [Athina Nikolopoulou](#), [Eleni Philippaki](#)

**P3.4.** | Investigating two late Roman slag heaps in the area of Polis Chrysochous, Cyprus | [Anna Maria Sdralia](#), [Vasiliki Kassianidou](#), [Thilo Rehren](#), [Apostolos Sarris](#)

**P3.5.** | Lime-rich bloomery slags from lime poor ores | [Meghna Desai](#), [Thilo Rehren](#)

**P3.6.** | From OXALID to GlobalID: A substantial upgrade of a well-known data pool of lead isotopes for metal provenancing using R and Shiny App | [Thomas Rose](#), [Sabine Klein](#), [Katrin Westner](#), [Yiu-Kang Hsu](#)

## Wednesday 16/03/2022

**Session 4 | An Environmental History of ancient Cyprus: landscapes, plants and animals through time**

*Session chairs: Dr Evi Margaritis, Dr Angelos Hadjikoumis and Prof. Paul Halstead*

NTL Building

09:00-09:20

**O4.1.** | Have Cypriots ever tasted hippo meat? A short presentation of the Cypriot pygmy hippo and the extinction scenarios | [Loucas Nicolaou](#), [George Iliopoulos](#), [Socrates Roussiakis](#)

09:20-09:40

**O4.2.** | From hippos to cattle: the fragile relationship of early Cypriots with their animals | [Alan Simmons](#)

09:40-10:00

**O4.3.** | Historical dynamics of the human-environment interactions in Cyprus during the 10<sup>th</sup>-8<sup>th</sup> millennia cal BC: the last 30 years contributions of the Amathous area (Limassol district) | [Jean-Denis Vigne](#), [Salvador Bailon](#), [Isabelle Carrère](#), [Thomas Cucchi](#), [Benoît Devillers](#), [Carolyne Douché](#), [Lionel Gourichon](#), [Angelos Hadjikoumis](#), [Pantelitsa Mylona](#), [Katerina Papayiannis](#), [Andréa Parès](#), [Maria Rousou](#), [Margareta Tengberg](#), [Antoine Zazzo](#), [Jean Guilaine](#), [François Briois](#)

10:00-10:20

**O4.4.** | Mesopotamian fallow deer and the chase in Neolithic Cyprus: Insights from Upper Mesopotamia, the Levant and greater Syrian desert | [Alexander Wasse](#)

**Session 6 | Scientific Analysis of Ancient Glass in the EMME region**

*Session chairs: Dr Artemios Oikonomou and Dr Daniela Rosenow*

ANNEX Building

**O6.1.** | Exploring Mycenaean glass world via a combination of state-of-the-art techniques | [Maria Kaparou](#), [Kalliopi Tsampa](#), [Nikolaos Zacharias](#), [Andreas Karydas](#)

**O6.2.** | Preliminary spectroscopic results on glass circulation in the Iron Age Mediterranean from the perspective of Central Italy: the INGOT-EL project | [Oleh Yatsuk](#), [Astrik Gorghinian](#), [Giacomo Fiocco](#), [Patrizia Davit](#), [Serena Francone](#), [Alessandra Serges](#), [Leonie Koch](#), [Alessandro Re](#), [Alessandro Lo Giudice](#), [Marco Ferretti](#), [Marco Malagodi](#), [Christiano Iaia](#), [Monica Gulmini](#)

**O6.3.** | New analytical investigation of material from the fourth century CE glass workshop at Jalame, Israel | [Gry Barfod](#), [Chen Chen](#), [Ian Freestone](#), [Katherine Larson](#), [Yael Gorin-Rosen](#)

**O6.4.** | Chemical analysis of Roman-Byzantine glass artifacts and Islamic bracelets from the archaeological site of Dohaleh, north Jordan | [Khaled Al-Bashaireh](#), [Ian Freestone](#), [Tom Gregory](#)

10:30-11:00

Coffee break

**Session 4 | An Environmental History of ancient Cyprus: landscapes, plants and animals through time**

*Session chairs: Dr Evi Margaritis, Dr Angelos Hadjikoymis and Prof. Paul Halstead*

NTL Building

- 11:00-11:20** **O4.5.** | Breaking bread: a review of early Cypriot prehistoric cooking traditions | [Leilani Lucas](#)
- 11:20-11:40** **O4.6.** | Agia Marina. New paleoenvironmental insights from the Aceramic Neolithic of south-western Cyprus | [Eugenio Di Valerio](#), [Claudia Speciale](#)
- 11:40-12:00** **O4.7.** | What's different in 2<sup>nd</sup> millennium agriculture in Cyprus | [Evi Margaritis](#), [Carly Henkel](#), [Luca Bombardieri](#), [Joachim Bretschneider](#), [Jan Driessen](#), [Athanasia Kanta](#), [Sturt Manning](#), [Despo Pilides](#)
- 12:00-12:20** **O4.8.** | Olive trade in the Eastern Mediterranean: assessing varietal diversity and cultivation origin of olive (*Olea europaea*) from the Mazotos shipwreck (4<sup>th</sup> c. BCE) using geometric morphometrics | [Clémence Pagnoux](#), [Evi Margaritis](#), [Vincent Bonhomme](#), [Stella Demesticha](#), [Sarah Ivorra](#), [Kyriaki Tsirtsis](#), [Jean-Frédéric Terral](#)

**Session 6 | Scientific Analysis of Ancient Glass in the EMME region**

*Session chairs: Dr Artemios Oikonomou and Dr Daniela Rosenow*

ANNEX Building

- O6.5.** | Furnace linings, glass chunks and contamination processes in Byzantine glass production at Apollonia, Israel | [Chen Chen](#), [Ian Freestone](#), [Jessica Barnes](#), [Tom Gregory](#), [Ruth Jackson-Tal](#), [Oren Tal](#)
- O6.6.** | Metal prills in primary glass: a puzzling additive to the production process | [Artemios Oikonomou](#), [Yotam Asscher](#), [Yael Gorin-Rosen](#), [Thilo Rehren](#)
- O6.7.** | Glass from the Silk Roads. Insights into new finds from Kafir Kala (Samarkand, Uzbekistan) | [Tania Chinni](#), [Sara Fiorentino](#), [Alberta Silvestri](#), [Simone Mantellini](#), [Amriddin Berdimuradov](#), [Mariangela Vandini](#)
- O6.8.** | The Gulf between glass: Using various advances in glass analytical approaches to trace the origins and distributions of Islamic glass bangles across the Gulf region, Middle East and beyond (9<sup>th</sup>-18<sup>th</sup> centuries CE) | [Charlotte Nash](#)

**12:30-14:00**

**Lunch and Poster Session**

**Session 4 | An Environmental History of ancient Cyprus: landscapes, plants and animals through time**

*Session chairs: Dr Evi Margaritis, Dr Angelos Hadjikoymis and Prof. Paul Halstead*

NTL Building

- 14:00-14:20** **O4.9.** | Bronze Age landscape use and herding practices at Politiko-Troullia, Cyprus | [Suzanne Pilaar Birch](#), [Elizabeth Ridder](#), [Mary Metzger](#), [Steven Porson](#), [Patricia Fall](#), [Steven Falconer](#)

**Session 7 | Multimodal Digital Heritage Preservation in the EMME Region**

*Session chairs: Dr Dante Abate, Prof. Eva Savina Malinverni, Dr Roberto Pierdicca*

ANNEX Building

- O7.1.** | Multimodal digital documentation of a 20<sup>th</sup> century wooden vessel at risk: the AGIOS SPYRIDON project | [Stella Demesticha](#), [Irene Katsouri](#), [Massimiliano Secci](#), [Kostas Damianidis](#), [Georgios Tzavaras](#), [Marina Faka](#), [Dante Abate](#), [Constantinos Nikolaou](#), [Georgia Kyriakou](#), [Nikolas Bakirtzis](#)

|                    |   |  |
|--------------------|---|--|
| <b>14:20-14:40</b> | <b>04.10.</b>   Some comments on the unpublished fauna from Enkomi-Ayios Iakovos (Dikaios excavations, 1948-58)   <a href="#">David Reese</a>   | <b>07.2.</b>   Multi-Sensor documentation of the inaccessible Nicosia International Airport located in the UN controlled Buffer Zone of Cyprus. The NIC Project   <a href="#">Dante Abate</a> , <a href="#">Marina Faka</a> , <a href="#">Andreani Papageorgiou</a> , <a href="#">Antonia Agapiou</a>  |
| <b>14:40-15:00</b> | <b>04.11.</b>   Animals and plants on ancient Cypriote coins   <a href="#">Evangeline Markou</a>  | <b>07.3.</b>   Documenting and reconstructing gaming heritage from antiquity to today   <a href="#">Walter Crist</a> , <a href="#">Cameron Browne</a>  |
| <b>15:00-15:20</b> | <b>04.12.</b>   River and societies in Medieval Cyprus: the case of the Xeros River in Larnaca district   <a href="#">Pantelitsa Mylona</a> , <a href="#">Athanasios Vionis</a> , <a href="#">Benoît Devillers</a>  | <b>07.4.</b>   The dynamic digital survey. Integration between digital processes for the documentation of some monasteries in the Gjirokastra area   <a href="#">Michele Calvano</a> , <a href="#">Alban Gorreja</a> , <a href="#">Awal Rahali</a> , <a href="#">Luciano Cessari</a> , <a href="#">Eva Savina Malinverni</a> , <a href="#">Elena Gigliarelli</a> |
| <b>15:20-15:40</b> |   | <b>07.5.</b>   The archaeological site of Umm er-Rasas: innovative technologies and training activities for the conservation and enhancement   <a href="#">Roberto Gabrielli</a> , <a href="#">Roberto Pierdicca</a> , <a href="#">Fabio Piccinini</a> , <a href="#">Eva Savina Malinverni</a>   |
| <b>15:30-16:00</b> | <b>Coffee break</b>   |  |
|                    | <b>Session 5   Modelling Settlement Transformations in the EMME region</b><br><i>Session chairs: Dr George Artopoulos, Dr Katherine Crawford and Dr Iza Romanowska</i><br>NTL Building  | <b>Session 8   Digital documentation of heritage and the participation of local communities</b><br><i>Session chairs: Dr Sorin Hermon, Dr Mia Trentin and Dr Anna Foka</i><br>ANNEX Building   |
| <b>16:00-16:20</b> | <b>05.1.</b>   EIDOS of a city: simulating the collapse and resilience of ancient Eastern Mediterranean urban environments via agent-based modelling   <a href="#">Katherine Crawford</a> , <a href="#">Iza Romanowska</a> , <a href="#">Georgios Artopoulos</a>  | <b>08.1.</b>   Depicting the past: The value of old maps and topographic diagrams in cultural heritage through GIS   <a href="#">Rebecca Grethe</a> , <a href="#">George Malaperdas</a> , <a href="#">Nikolaos Zacharias</a>   |
| <b>16:20-16:40</b> | <b>05.2.</b>   Meta-population theory for settlement pattern analysis: Movement, Colonization, and Depopulation, in 16 <sup>th</sup> -20 <sup>th</sup> centuries Galilee   <a href="#">Ido Wachtel</a> , <a href="#">Royi Zidon</a> , <a href="#">Yair Greenberger</a> , <a href="#">Uri Davidovich</a> | <b>08.2.</b>   Reconstructing the memory of the Arsinoe excavation in Egypt. Processes of 3D modelling for the valorization of the archaeological activities of the "G. Vitelli" Papyrological Institute between 1964 and 1965 in Arsinoe   <a href="#">Sandro Parrinello</a>  |
| <b>16:40-17:00</b> | <b>05.3.</b>   Patterning pastoral nomadism: MaxEnt modeling of Bedouin sites in the Judean Desert   <a href="#">Uri Davidovich</a> , <a href="#">Ido Wachtel</a> , <a href="#">Royi Zidon</a>  | <b>08.3.</b>   The Roman necropolis of Porta Palio in Verona. Rediscovery of the missing places through interactive three-dimensional models   <a href="#">Francesca Galasso</a>   |

**17:00-17:20** **O5.4.** | A fast parametric approach to model historical city blocks: from geodata to H-BIM | [Federico Mario La Russa](#), [Mariateresa Galizia](#), [Cettina Santagati](#)

**17:20-17:40**

**O8.4.** | A 3D High-Resolution Model of an Inner Mani War Tower | [Stavroula Xarchakou](#), [Vayia Panagiotidis](#), [Nikolaos Zacharias](#)

**O8.5.** | A tool for quantitative research on the social awareness for the digitization of cultural heritage: A pilot application | [Nikolaos Trivyadakis](#)

**18:00-19:00** **Invited Guest Lecture** | The fluctuation of the marine reservoir effect in the Aegean Sea during the last 13,000 years cal BP and its implications in the radiocarbon dating | [Prof. Yorgos Facorellis](#), President of the Hellenic Society of Archaeometry (HSA)

**20:30** **Conference Dinner**

#### POSTER SESSION

NTL Building

**P4.1.** | Isotopic analysis of pygmy hippo's fossil bone and tooth apatite from Aghia Napa, Cyprus | [Maria Anna Nakasi](#), [Elizabeth Stathopoulou](#), [Petros Karalis](#), [Maria Tassi](#), [Elissavet Dotsika](#), [Georgios Theodorou](#)

**P4.2.** | Tooth enamel microstructure of the dwarf hippo *Phanourios minor* from Aghia Napa, Cyprus | [Vasileios Noulis](#), [Elizabeth Stathopoulou](#) and [Georgios Theodorou](#)

**P4.3.** | Macro- and micro- botanical remains hand in hand: the cases of Bronze Age *Alambra-Kato Lakkos* and *Agios Sozomenos-Ampelia* (Cyprus) | [Kyriaki Tsirtsis](#), [Carly Henkel](#), [Juan José García-Granero](#), [Evi Margaritis](#), [Efthymia Elston Alphas](#), [Despina Pilides](#)

**P11.2.** | The iconostasis of Panagia Damasta: pigments identification in icons using N.D.T. | [Stella Mouzakiotou](#), [Theodore Ganetsos](#)

**P8.1.** | The use of remote sensing and GIS in Archaeology | [Sirine Saad El-Dine Ghiye](#)

**P8.2.** | Ancient glass burial offerings of children inhumations from modern east Locris (Phthiotis-Greece): Scientific analysis of ancient glass | [Maria Papageorgiou](#), [Theodore Ganetsos](#), [Kyriaki Christodoulou](#), [Konstantinos Brachos](#), [Stella Mouzakiotou](#), [Petros Stavroulakis](#)

**P8.3.** | Antiquities in changing rural landscapes: Using satellite imagery and GIS in the regional survey of northern Messenia, Greece | [Eleni Vallianatou](#), [Eleni Zimi](#), [George Malaperdas](#)



**Thursday 17/03/2022**
**Session 9 | Interdisciplinary ceramic studies as proxies for approaching Eastern Mediterranean societies of the 2<sup>nd</sup> and 1<sup>st</sup> millennia BC**

*Session chairs: Dr Maria Dikomitou-Eliadou, Dr Anna Georgiadou and Dr Artemis Georgiou*

NTL Building

- 09:00-09:20** **O9.1.** | Pottery production and circulation at Middle Bronze Age Heraion on Samos, Greece: A preliminary petrographic analysis | [Sergios Menelaou](#), [Ourania Kouka](#)
- 09:20-09:40** **O9.2.** | A diachronic study of culinary practices and pottery use in Minoan Crete: an integrated approach in cooking vessels from Sissi and Malia | [Maria Roumpou](#), [Evgenia Tsafou](#)
- 09:40-10:00** **O9.3.** | Pottery traditions in Kydonia: results from the petrographic analysis of Late Bronze Age ceramic assemblages from Chania, Crete | [Stavroula Fouriki](#), [Eleni Nodarou](#)
- 10:00-10:20** **O9.4.** | Combined approach to production and distribution of White Ware towards the end of Late Bronze Age in Greece | [Bartłomiej Lis](#), [Hans Mommsen](#), [Johannes Sterba](#)

**10:30-11:00**

**Coffee break**

**Session 9 | Interdisciplinary ceramic studies as proxies for approaching Eastern Mediterranean societies of the 2<sup>nd</sup> and 1<sup>st</sup> millennia BC**

*Session chairs: Dr Maria Dikomitou-Eliadou, Dr Anna Georgiadou and Dr Artemis Georgiou*

NTL Building

- 11:00-11:20** **O9.5.** | Through the pots of the “Sea Peoples”: Provenance studies of tableware from Late Bronze Age Hala Sultan Tekke | [Paula Waiman-Barak](#), [Teresa Bürge](#), [Peter Fischer](#)

**Session 11 | Art Characterization**

*Session chairs: Dr Nikolas Bakirtzis and Dr Svetlana Gasanova*

ANNEX Building

- O11.1.** | Pigment characterization of Maria Auersperg paintings of the 19<sup>th</sup> century from the collection of the National Museum of Slovenia | [Theodore Ganetsos](#), [Konstantina Romantzi](#), [Eva Menart](#), [Ziga Šmit](#)
- O11.2.** | Identification of blue pigments in 18th century paintings from the collection of the Gallery of Matica srpska, Serbia | [Daniela Korolija Crkvenjakov](#), [Maja Gajić-Kvaščev](#), [Theodore Ganetsos](#), [Velibor Andrić](#)
- O11.3.** | Non-invasive mineralogical interpretation of multiband imaging systems: Using spectral indicators in Multispectral Microscope for characterizing pigments of wall paintings | [Yotam Asscher](#)
- O11.4.** | Creation of a replica of a medieval metal cross of the Maronite Church of the Holy Cross in Karpasia | [Marina Faka](#), [Agapios Agapiou](#), [Dante Abate](#), [Svetlana Gasanova](#), [Iosif Hadjikyriakos](#), [Nikolas Bakirtzis](#)

**Session 11 | Art Characterization**

*Session chairs: Dr Nikolas Bakirtzis and Dr Svetlana Gasanova*

ANNEX Building

- O11.5.** | Investigation of paintings by scanning XRF | [Anastasios Asvestas](#), [Vasiliki Karamaligka](#), [Theofanis Gerodimos](#), [George Mastrotheodoros](#), [Dimosthenis Chatzipanteliadis](#), [Dimitris Anagnostopoulos](#)

**11:20-11:40** **O9.6.** | Kinet Höyük, a Cilician harbour and its Cypriot connections during the Iron Age | [Gunnar Lehmann](#), [Paula Waiman-Barak](#)

**11:40-12:00** **O9.7.** | Late Bronze-Early Iron age pottery from Doghlauri burial ground: understanding the Transcaucasian intercultural relations | [Nikoloz Gobejishvili](#), [Iulon Gagoshidze](#), [Kristine Shavlakadze](#), [Tinatin Chanishvili](#), [David Gagoshidze](#)

**12:00-12:20** **O9.8.** | Plaster technology in Iron Age Lebanon: the contribution of Tell el-Burak | [Silvia Amicone](#), [Adriano Orsingher](#), [Emma Cantisani](#), [Christoph Berthold](#), [Hélène Sader](#), [Aaron Schmitt](#), [Jens Kamlah](#)

**O11.6.** | Interpretation of XRF spectral imaging data using dimensionality reduction combined with clustering algorithms | [Theofanis Gerodimos](#), [Giannis Chantas](#), [Anastasios Asvestas](#), [Aristidis Likas](#), [Dimitris Anagnostopoulos](#)

**O11.7.** | Implementing photogrammetry for the analysis of archaeological plasters | [Alice Clinch](#)

**O11.8.** | Terahertz C-scans of the test object in the spectral range from 0.1 to 2.5 THz | [Olga Smolyanskaya](#), [Sergey Sirro](#), [Alexander Minin](#), [Vyacheslav Toropov](#), [Olga Kravtsenyuk](#), [Anastasiya Lykina](#), [Alessia Portieri](#), [Phil Today](#), [Donald Arnone](#), [Jean-Paul Guillet](#), [Vincent Detalle](#), [Michel Menu](#)

**12:30-14:00**

**Lunch and Poster Session**

**Session 9** | Interdisciplinary ceramic studies as proxies for approaching Eastern Mediterranean societies of the 2<sup>nd</sup> and 1<sup>st</sup> millennia BC

*Session chairs: [Dr Maria Dikomitou-Eliadou](#), [Dr Anna Georgiadou](#) and [Dr Artemis Georgiou](#)*

NTL Building

**Session 12** | Graduate Research in Archaeological Sciences in the EMME region

*Session chairs: [Meghna Desai](#), [Carly Henkel](#), [Anna. Karligkioti](#), [Mahmud Mardini](#), [Mehmetcan Soyluoglu](#), [Kyriaki Tsirtsis](#), [Chryssa Vergidou](#) and [Dr Lindy Crewe](#)*

ANNEX Building

**14:00-14:20** **O9.9.** | An interdisciplinary study of ceramic loom weights from Archaic and Classical Corinth | [Carlotta Gardner](#), [Bela Dimova](#), [Noémi Müller](#), [Evangelia Kiriati](#)

**14:20-14:40** **O9.10.** | Pottery production in Iron Age Salamis, Cyprus. An interdisciplinary study of ceramic fabrics from the city and the periphery | [Maria Dikomitou Eliadou](#), [Anna Georgiadou](#), [Giorgos Pappasavvas](#)

**14:40-15:00** **O9.11.** | Pottery production in Classical Athens through the looking glass: co-existing potting traditions, workshops and migrant potters | [Evangelia Kiriati](#), [Noémi Müller](#), [Edyta Marzec](#), [Gudrun Klebinder-Gauss](#), [Ann Steiner](#)

**O12.1.** | Fire and bones: A multidisciplinary approach to the study of burned human remains | [Yiannis Chatzikonstantinou](#)

**O12.2.** | From excavating bones to reconstructing funerary practices: contextualizing skeletal evidence for the post-funerary treatment of the dead at the Prepalatial and Protopalatial Petras cemetery (3000-1800 BCE), Siteia, Crete | [Sotiria Kiorpe](#)

**O12.3.** | Breastfeeding and weaning patterns in ancient Thessaloniki through the analysis of incremental human dentine | [Elissavet Ganiatsou](#), [Efrossini Vika](#), [Aggeliki Georgiadou](#), [Tania Protopsalti](#), [Christina Papageorgopoulou](#)

**15:00-15:20** **O9.12.** | Hellenistic and Roman fine wares from ancient Elis, Greece: A preliminary study using SEM/EDS analysis | [Elena Triantafyllidi](#), [Eleni Zimi](#), [Nikolaos Zacharias](#)

**O12.4.** | Where did the sheep go? Combining zooarchaeological and isotopic evidence to assess caprine mobility in Classical-Hellenistic Thessaly, central Greece | [Dimitris Filioglou](#), [Wietske Prummel](#), [Silvia Valenzuela-Lamas](#), [Leopoldo Pena](#), [William Patterson](#), [Sandra Timsic](#), [Canan Çakirlar](#)

**15:30-16:00**

**Coffee break**

**Session 10 | Potting traditions of medieval and post-medieval Eastern Mediterranean**

*Session chairs: Dr Jelena Živković, Dr Athanasios Vionis and Dr Maria Dikomitou-Eliadou*

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**Session 12 | Graduate Research in Archaeological Sciences in the EMME region**

*Session chairs: Meghna Desai, Carly Henkel, Anna. Karligioti, Mahmud Mardini, Mehmetcan Soyluoglu, Kyriaki Tsirtsis, Chryssa Vergidou and Dr Lindy Crewe*

ANNEX Building

**16:00-16:20** **O10.1.** | The Maroneia cave in Aegean Thrace. Transport amphoras and plain pottery | [Anna Panti](#)

**O12.5.** | High-resolution approaches to climatic variability using shell proxies from Franchthi, Greece | [Danai Theodoraki](#)

**16:20-16:40** **O10.2.** | The handmade wares of Crusader-Mamluk Bilad al-Sham: Agents of affiliation or demarcation? | [Ruth Smadar Gabrieli](#)

**O12.6.** | Deciphering formation processes and human activities at the Neolithic lakeside settlement of Dispilio, Greece: A micro-geoarchaeological approach | [Ioannis Oikonomou](#)

**16:40-17:00** **O10.3.** | A pottery context of the Mamluk period (half 13<sup>th</sup>-14<sup>th</sup> century) from the so-called Herod's House in the Monastery of Flagellation-Jerusalem | [Tiziana Guerrieri](#)

**O12.7.** | Effective management of archaeological and historical shipwreck sites in the Red Sea, Egypt | [Alicia Johnson](#)

**17:00-17:20** **O10.4.** | Potting traditions of post-medieval Cyprus: archaeological and scientific view on consumption and production patterns | [Jelena Živković](#)

**O12.8.** | Fishing activity in Cyprus through time: an archaeologically neglected aspect of Cypriot society | [Maria Michael](#)

**17:30-18:30**

**Round Table: Challenges and opportunities in Graduate Research in the EMME region**

**18:30**

**Closing ceremony**

## POSTER SESSION

## NTL Building

**P9.1.** | Late Hellenistic trade networks through the lens of fine ware pottery from Delos | [Edyta Marzec](#), [Małgorzata Kajzer](#), [Jean-Sébastien Gros](#), [Noémi Müller](#), [Evangelia Kiriati](#)

**P9.2.** | A multi-disciplinary approach to pottery from Classical Sikyon: Towards differentiating between pottery from Sikyon and Corinth | [Noémi S. Müller](#), [Carlotta Gardner](#), [Giorgos Giannakopoulos](#), [Kyriaki Tsirtsi](#), [Zoe Spyranti](#), [Marie-Louise Jahn Hansen](#), [Evangelia Kiriati](#)

**P10.1.** | New reflections on post-Roman apiculture in the Western Messarà (Crete) | [Colette Manciero](#)

**P10.2.** | Investigations on pottery use in late antique and mid-Byzantine Hierapolis (Phrygia, Turkey) by organic residue analyses | [Florinda Notarstefano](#)

**P11.1.** | Non-destructive study of a 19<sup>th</sup> century printed silk scarf from the collection of the National Historical Museum of Greece | [Nicoletta Tasiouli](#), [Stamatios Boyatzis](#), [Anna Karatzani](#), [Andreas Karydas](#)

**P12.1.** | Age-estimation of cremated bones: An histomorphological analysis | [Panagiota Bantavanou](#), [Efstratios Valakos](#), [Christina Papageorgopoulou](#)

**P12.2.** | Preliminary investigation of an indigenous Sicilian village: the case of Sant'Angelo Muxaro in the first millennium BCE | [Antonio Caruso](#), [Domenica Gulli](#), [Efthymia Nikita](#)

**P12.3.** | Diet reconstruction of the population of ancient Ambracia during the Archaic and Classical period: Stable isotope analysis ( $\delta^{15}\text{N}$ ,  $\delta^{13}\text{C}$ ) from bone collagen of human skeletons | [Aggeliki Georgiadou](#), [Elissavet Ganiatsou](#), [Kyriakos Xanthopoulos](#), [Tasos Zisis](#), [Varvara Papadopoulou](#), [Christina Papageorgopoulou](#)

**P12.4.** | Diet in the Roman province of Macedonia: implications from the isotopic evidence | [Chryssa Vergidou](#), [Sofia Voutsaki](#), [Efthymia Nikita](#), [Dee Mike](#)

**P12.5.** | Dental health in Roman Phoenicia: a comparative study | [Mahmoud Mardini](#), [Ali Badawi](#), [Tania Zaven](#), [George Doumit](#), [Mohana Chahine](#), [Efthymia Nikita](#)

**P12.6.** | Ottoman-era Cyprus: a bioarchaeological comparative study | [Mahmoud Mardini](#), [Anna Karligkioti](#), [Polina Christofi](#), [Efthymia Nikita](#)

**P12.7.** | Approaching diachronic life (ine)quality and identity formation in eastern Attica from the Classical to the Roman era | [Anna Karligkioti](#), [Kerasia Douni](#), [Yiota Michailidi](#), [Magda Vasileiadou](#), [Glykeria Gkika](#), [Eirini Dimitriadou](#), [Eleni Salavoura](#), [Efthymia Nikita](#)

**P12.8.** | Day-to-day rural life during the Classical period. The case of Sikyon, Greece | [Kyriaki Tsirtsi](#), [Evi Margaritis](#), [Silke MÜth-Frederiksen](#), [Konstantinos Kissas](#)

**P12.9.** | What's in the pottery? Designing a sampling strategy for the compositional and technological study of Late Chalcolithic pottery from Cyprus | [Maria Hadjigavriel](#)

**P12.10.** | Petrographic analysis of Chalcolithic pottery from Chlorakas-Palloures, Cyprus: A pilot study | [Stamatis Vogiatzopoulos](#)

**P12.11.** | An interdisciplinary study of cooking ware and practices at Toumba Thessaloniki, central Macedonia, from the Late Bronze to the Early Iron Age | [Timothée Ogawa](#), [Noémi Müller](#), [Haris Procopiou](#), [Sevasti Triantafyllou](#), [Stelios Andreou](#), [Evangelia Kiriati](#)

**P12.12.** | Understanding Greek Colonisation through material culture: pottery production and consumption in Campania during the 8<sup>th</sup> and the 7<sup>th</sup> centuries BC. Project Overview | [Marcella Giobbe](#), [Irene Lemos](#), [Matteo D'Acunto](#), [Teresa Cinquantaquattro](#), [Evangelia Kiriati](#)

**P12.13.** | Container and content: integral analyses of Mediterranean amphorae. Project overview | [Ismael Rodríguez Palomo](#), [Marcos Martín-Torres](#), [Matthew Collins](#)

**P12.14.** | Architectural Innovation in Cycladic Settlements during Early Bronze Age in the light of the recent excavations at Dhaskalio | [Marie Floquet](#), [Michael J. Boyd](#), [Colin Renfrew](#)

**P12.15.** | Geometry of power: Axis-nexus through type-grafo-metric analysis on Mesopotamian stelae | [Job Jiménez Hidalgo](#)

**P12.16.** | A biography of a traditional rural house from Ayios Amvrosios: Tree-ring research opportunities in a rural landscape | [Mehmetcan Soyluoglu](#)

**P12.17.** | Application of computed tomography for the characterization of historical footwear | [Arentona Fostiropoulou](#), [Anna Karatzani](#)

**Friday 18/03/2022**

- 10:00-11:00** Guided tour at the STARC laboratories
- 12:00-14:00** Guided tour at the Cyprus Archaeological Museum
- 16:00-18:00** Nicosia city walk. Guided tour inside the walls of old Nicosia