



14th edition
EMAC

Université Bordeaux Montaigne

European Meeting on
Ancient
Ceramics

6-9 Sep 2017
Bordeaux (France)

This 14th edition is organized by
the Research Institute on
Archaeomaterials
(IRAMAT-CRP2A), a joint laboratory
of the French National Center for
Scientific Research
and Bordeaux Montaigne University,
part of the Bordeaux Archaeological
Science Cluster of excellence.

Wednesday, September 6, 2017

8:00 - 9:00 Registration - Registration

9:00 - 9:15 Welcome speech (Auditorium)

9:15 - 9:50 Conference Current trends in ceramics (Auditorium) - Agnès SMITH, SPCTS, UMR7315 (Limoges, France)

9:50 - 10:30 New methodology and data analysis (Auditorium) - Klaus Bente

09:50 - 10:10 › Porosity values - different measurement methods, different values: an example based on 1st millennium BC pottery of mounted nomads - **Ewa Bobryk**, *Warsaw University of Technology (WUT), Poland*

10:10 - 10:30 › An experimental study on evaluation of density measurements by He-pycnometer in the reconstruction of ancient pottery forming techniques - **Malgorzata Daszkiewicz**, *Freie Universitaet Berlin, Cluster of Excellence Topoi*

10:30 - 11:00 Coffee break (Salle Badiane)

11:00 - 12:40 New methodology and data analysis (Auditorium) - Corina Ionescu

11:00 - 11:20 › Voids really matter - Modeling of the microstructure of functional ceramics and assessment of their performance - **Anno Hein**, *Institute of Nanoscience and Nanotechnology, N.C.S.R. "Demokritos"*

11:20 - 11:40 › Sr isotope analysis for pottery provenance along the Nile

11:40 - 12:00 › Hidden features of ancient pottery: Up to date non-destructive and local highly resolved X-ray analytics coupled with Raman spectroscopy - **Christoph Berthold**, *Competence Center Archaeometry - Baden Wuerttemberg (CCA-BW), University of Tübingen*

12:00 - 12:20 › Provenance and technology of pottery using the μ -Raman spectroscopy: the study of Campanian Late Roman productions by means of a pseudo-correlative approach - **Chiara Germinario**, *Dipartimento di Scienze e Tecnologie, Università degli Studi del Sannio*

12:20 - 12:40 › A new analytical approach of impressed wares using structured-light 3D surface imaging. The case study of Impresso-Cardial series from Pendimoun (Alpes- Maritimes, France) - **Laura Cassard, Sabine Sorin, Gilles Durrenmath et Didier Binder** - *Culture et Environnements, Préhistoire, Antiquité, Moyen Âge*

12:40 - 13:40 Lunch (Salle Badiane)

13:40 - 14:40 Posters (Galerie du cloître)

14:40 - 16:20 New methodology and data analysis (Auditorium) - Vassilis Kilikoglou

14:40 - 15:00 › The application of high resolution 3D computed microtomography (m-CT) for study of Neolithic-Early Iron Age pottery from Eastern European archaeological sites. - **Marianna Kulkova**, *Herzen State University*

15:00 - 15:20 › Some Remarks on the determination of ceramic provenances using chemical analysis - **Gerwulf Schneider**, *TOPOI Exzellenzcluster, Freie Universität Berlin*

15:20 - 15:40 › Early Western Mediterranean Impressed Wares (Early 6th millennium BCE): new interdisciplinary research on pottery paste processing at Pendimoun rock- shelter (Alpes-Maritimes, France) - **Marzia Gabriele**, *GEOAZUR*

15:40 - 16:00 › A statistical approach for analysing 6th century ceramics from Szólád (Hungary) using ceramic petrography and geochemical data - **Katalin Bajnok**, *Institute of Archaeological Sciences, Eötvös Loránd University, Wigner Research Centre for Physics, Hungarian Academy of Sciences*

16:00 - 16:20 › Statistical modelling of earthen ware ceramic manufacturing process based on longitudinal dataset and mineralogical analysis - **Mohammadamin Emami**, *Department of Conservation & Archaeology, Art University of Isfahan, Isfahan, Iran, Department of Building Material Chemistry, Siegen, Germany*

16:20 - 16:50 Coffee break (Salle Badiane)

16:50 - 18:30 Environmental and raw material studies (Auditorium) - Patrick Quinn

16:50 - 17:10 › Experimental Firing of a 5/6th Century Updraft Kiln and Technological Tests of Raw Materials from Mayen, Germany - **Michael Herdick**, *Römisch-Germanisches Zentralmuseum*

17:10 - 17:30 › Clay sources in the Tavoliere Plain: Neolithic trends of exploitation - **Italo Maria Muntoni**, *Soprintendenza Archeologia, Belle arti e Paesaggio per le Province di Barletta-Andria-Trani e Foggia*

17:30 - 17:50 › New Insights into Graphite Decorated Pottery from the Neolithic/Chalcolithic Balkans: a Technological Approach - **Silvia Amicone**, *Competence Center Archaeometry - Baden-Württemberg, Eberhard Karls Universität Tübingen*

17:50 - 18:10 › Paste preparation and ceramic traditions in the Middle Orinoco: Exploring pre-colonial ceramic technologies and interactions in two archaeological sites in the Átures Rapids, Venezuela - **Natalia Lozada Mendieta**, *Institute of Archaeology, University College London*

18:10 - 18:30 › A multi-technique study of the Late Byzantine ceramics from Kuşadası Kadıkalesi/Anaia: A significant ceramic production site in western Anatolia - **Burcu Kirmizi**

18:30 - 20:00 Cocktail (Salle Badiane)

Thursday, September 7, 2017

8:00 - 9:00 Registration - Registration

9:00 - 10:20 Gestures and techniques (Auditorium) - Valentine Roux

09:00 - 09:20 › Technical aspects regarding the production of Gumelnita shallow, large plate-like vessels. - **Ignat Theodor**, *National History Museum of Romania*

09:20 - 09:40 › Reconstructing the toolbox of an 8th century BC Aegean dynamic pottery system. The application of visualization models developed for African ethnoarchaeology, informed by visual archives of Cypriote potters in the mid twentieth century. - **Beatrice McLoughlin**, *Department of Archaeology, The University of Sydney, Australian Archaeological Institute at Athens*

09:40 - 10:00 › Who were the pre-columbian inhabitants of the Cuyes river valley (southern Ecuador)? Characterization of ceramic traditions through a techno-petrographic approach - **Catherine Lara**, *Maison de l'Archéologie et l'Ethnologie - Ioannis Iliopoulos, Department of Geology*

10:00 - 10:20 › Beyond the Eclipse of Urbanism: Clay, Crafts and Technologies in the Indus Age. - **Ceccarelli Alessandro**, *Division of Archaeology - University of Cambridge*

10:20 - 10:50 Coffee break (Salle Badiane)

10:50 - 12:30 Ceramic function and use (Auditorium) - Anne Mayor

10:50 - 11:10 › Interpreting the function of pottery: Contribution of a large ethnographic reference combining typometry, technical aspects and use-traces - **Julien Vieugué**, *Laboratoire Préhistoire et Technologie - Anne Mayor*, *Laboratoire Archéologie et Peuplement de l'Afrique - Martine Regert*, *CEPAM - Aline Garnier*, *Laboratoire de géographie Physique*

11:10 - 11:30 › Pottery Use-Alteration and Identity: An Ethnoarchaeological Study of the Gamo in southwestern Ethiopia - **John Arthur**, *University of South Florida St. Petersburg*

11:30 - 11:50 › Cooking with plants: the role of ceramic 'baking dishes' or 'plateaux' in prehistoric southeastern Europe - **Anastasia Dimoula**, *Aristotle University of Thessaloniki*

11:50 - 12:10 › Tracing pottery use in Bronze Age Sardinia: the Nuraghe Arrubiu case study - **Maria Giuseppina Gradoli**, *School of Archaeology and Ancient History, University of Leicester*

12:10 - 12:30 › What's cooking? Investigating vessel usage in the Indus Civilisation - **Akshyeta Suryanarayan**, *University of Cambridge*

12:30 - 13:30 Lunch (Salle Badiane)

13:30 - 14:30 Posters (Galerie du cloître)

14:30 - 16:10 Provenance and network (Auditorium) - Jaume Buxeda i Garrigos

14:30 - 14:50 › Early Neolithic pottery production in the Lower Tagus Valley (Portugal): Insights from Cabeço da Amoreira - **Ruth Taylor**, *Departamento de Prehistoria y Arqueología, Facultad de Geografía e Historia, Universidad de Sevilla*

14:50 - 15:10 › Agios Petros and the Neolithic Pottery-Making Traditions of the Deserted Islands, Northern Sporades, Greece - **Patrick Quinn**, *University College London - London's Global University*

15:10 - 15:30 › Late Neolithic/Chalcolithic "black-on-red" and "brown-on-cream" painted pottery production: new evidence from Dikili Tash (Northern Greece) - **Zoi Tsirtsoni**, *Archéologies et Sciences de l'Antiquité*

15:30 - 15:50 › Ceramic production, exchange, and consumption at the micro-regional level: the evidence from Prepalatial East Crete - **Tomas Brogan**, *INSTAP Study Center for East Crete*

15:50 - 16:10 › On the Origin of Red Lustrous Wheel-made Ware (RL): Preliminary Results of Chemical, Sr and Nd Isotopic Analysis and Archaeological Interpretation - **Mustafa Kibaroglu**, *Institute for Pre- and Protohistory and Medieval Archaeology, Eberhard-Karls University of Tübingen* - **Ekin Kozal**, *Department of Archaeology, Çanakkale Onsekiz Mart University*

16:10 - 16:40 Coffe break (Salle Badiane)

16:40 - 18:20 Provenance and network - Lara Maritan

16:40 - 17:00 › Ceramic production and exchange on island territories in western France: a diachronic perspective - **Benjamin Gehres**, *Institut de Recherches sur les Archéomatériaux*

17:00 - 17:20 › Archaeometric investigation of black-glaze pottery from the Tyrrhenian coast of southern Italy: a review - **De Bonis Alberto**, *Dipartimento di Scienze della Terra, dell'Ambiente e delle Risorse. Università degli Studi di Napoli Federico II, Institut für Klassische Archäologie*

17:20 - 17:40 › Searching for the compositional patterns of the pottery produced in Jerusalem and Judah during the Iron Age - **David Ben-Shlomo**, *Ariel University Center*

17:40 - 18:00 › Sourcing the Earliest Roof Tiles and Architectural Terracottas at Roma, Veii and Tarquinia - **Albert Ammerman**, *Colgate University - Ioannis Iliopoulos, University of Patras*

18:00 - 18:20 › Ceramic workshops in Central Dalmatia in the Hellenistic period: tableware and amphorae production - **Maja Mise**, *Faculty of Humanities and Social Science, University of Split*

21:00 - 23:55 Conference diner (Café Maritime)

Friday, September 8, 2017

8:00 - 9:00 Registration - Registration

9:00 - 10:20 Provenance and network (Auditorium) - Nadia Cantin

09:00 - 09:20 › Commercial connections of a Roman town: petrographic analysis of the amphorae from Cibalae (Pannonia) - **Anna Nagy**, Department of Classical and Roman Provincial Archaeology, Eötvös Loránd University

09:20 - 09:40 › An history of importation and imitation: African Keay 25.2 amphorae in Catalonia (Spain) - **Siwar Baklouti**, Faculté des Sciences de Tunis, Université El Manar

09:40 - 10:00 › Networks and ceramic producers for a coastal village of the first millennium BCE, Puerto Nuevo, Peru. Petrographic and LAICPMS perspectives. - **Isabelle Druc**, Dpt. Anthropology, University of Wisconsin-Madison

10:00 - 10:20 › The Islamic and post Islamic ceramic from the city of Santarém (Portugal): results and observation on ceramic production and trades - **Massimo Beltrame**, Hercules Laboratory, University of Évora, UNESCO Chair in Intangible Heritage and Traditional Know-How: Linking Heritage, CIDEHUS: Interdisciplinary Centre for History, Culture and Society

10:20 - 10:50 Coffee break (Salle Badiane)

10:50 - 12:30 Provenance and network - Irmgard Hein

10:50 - 11:10 › Technological aspects of pottery production at Frankish Thebes, Boeotia. First results obtained from a "bothros" assemblage on Ismenion Hill (early 14th c.) - **Florence Liard**, Université Libre de Bruxelles [Bruxelles]

11:10 - 11:30 › Pots along the Strait of Gibraltar: ceramic supply in Ksar Seghir (Morocco) during the Portuguese period (15th -16th centuries) - **Javier Iñáñez**, GPAC Built Heritage Research Group, Faculty of Arts, University of the Basque Country, IKERBASQUE, Basque Foundation for Science,

11:30 - 11:50 › Fingerprinting Hutterite-Haban faience - implications for provenance - **Bernadett Bajnóczy**, Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hungarian Academy of Sciences

11:50 - 12:10 › Cartagena de Indias (Colombia): An important harbour and a ceramic production center in the 16th-17th centuries - **Jaume Buxeda i Garrigós**, Cultura Material i Arqueometria UB (ARQUB, GRACPE)

12:10 - 12:30 › Society and Ceramics at Ntuusi, Western Uganda - **Hannah Page**, University College London - London's Global University

12:30 - 13:30 Lunch (Salle Badiane)

13:30 - 14:30 Posters (Galerie du cloître)

14:30 - 16:10 Slips and glazes (Auditorium) - Judit Molera

14:30 - 14:50 › The earliest evidence of glaze technology in al-Andalus (Spain): the Pechina pottery workshop (9th Century) - **Elena Salinas**, Universitat Politècnica de Catalunya

14:50 - 15:10 › Relief and Shiny: Technological study of applied relief and gilding technique on mina'i ware from Rayy and Alamut of Islamic medieval in Iran - **Melika Yazdani**, Art University of Isfahan - **Mohammad Amin Emami**, Art University of Isfahan

15:10 - 15:30 › Hispano-Moresque architectural tiles from Portuguese and Spanish collections: an archaeometric study - **Susana Coentro**, VICARTE

15:30 - 15:50 › Interdisciplinary study of 14th-16th century glazed 'kumgans' ware from the Kazan Kremlin (Tatarstan, Russia) - **Eugenia Shaykhutdinova**, Institute of Archaeology, Tatarstan Academy of Sciences, Kazan National Research Technical University named after A.N.Tupolev - KAI, Kazan Federal University

15:50 - 16:10 › An OM, XRD, EMPA and EPR study of 15th-16th century green glazed pottery from the Kazan Kremlin (Tatarstan) - **Rezida Khranchenkova**, Institute of Archaeology of Tatarstan Academy of Science, Archeotechnologies & Archeological Material Sciences Laboratory, Institute of International Relations, History and Oriental Studies, Kazan (Volga Region) Federal University

16:10 - 16:40 Coffee break (Salle Badiane)

16:40 - 18:20 Chronology & Technical ceramics (Auditorium) - Klaus Bente

16:40 - 17:00 › Rehydroxylation Dating: An Assessment of Archaeological Application - **Gerard Barrett**, School of Natural and Built Environment

17:00 - 17:20 › The high-temperature mechanical behaviour of double-layered archaeological ceramics. - **Carlotta Gardner**, University College London - London's Global University

17:20 - 17:40 › The Potential of Architectural Ceramics to Date Construction in Question: State of the Art and Current Challenges for Dating Methods - **Pierre Guibert**, Institut de Recherche sur les ArchéoMATériaux - Centre de Recherche en Physique Appliquée à l'Archéologie

17:40 - 18:00 › Technical ceramics for silver-lead production in Castel-Minier, 13-15th c. (Ariège, France) - **Manon Géraud**, Université Toulouse - Jean Jaurès

18:00 - 18:20 › "Cloisonné" coloured glaze tiles during Timurid, Ottoman and Safavid Dynasties - **Lucile Martinet**, École des hautes études en sciences sociales, Musée du Louvre

18:20 - 18:30 concluding session (Auditorium)

Saturday, September 9, 2017

8:30 - 15:00 Excursion - Excursion to the Bassin d'Arcachon

