

Wednesday, October 16th

09.30-10.30	<i>Registration</i>		
10.30-10.45	<i>Opening ceremony</i>		
<i>Session 2A – Digging deeper: scientific methods for exploring inorganic archaeological materials</i>			
10.45-11.45	Key-note lecture <u>Dr. Silvia Amicone,</u> <u>PhD</u>	Institute of Prehistory, Early History and Medieval Archaeology, Faculty of Humanities, University of Tübingen	The ceramics colour challenge: modern science meets Ancient craft
11.45-12.05	<i>P. Tušlová, S. Amicone, N.S. Müller, E. Kiriati, R. Thér, V. Brychová</i>	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	Exploring handmade pottery traditions in Roman Thrace: from manufacture to use
12.05-12.25	<i>V. Brychová, T. Krofta, K. Pachnerová Brabcová</i>	Czech Radiocarbon Lab, Nuclear Physics Institute of the CAS	Hidden history of ancient pottery– tracking for lipids and what they can tell us
12.25-14.00	<i>Lunch break</i>		
<i>Session 3 – How old are you and where do you come from? Dating methods and isotope analysis for archaeology</i>			
14.00-15.00	Key-note lecture <u>Ing. Ivo Světlík, PhD</u>	Czech Radiocarbon Lab, Nuclear Physics Institute of the CAS	Perspectives of the radiocarbon dating method
15.00-15.20	<i>S. Drtikolová Kaupová, Z. Vytlačil</i>	Narodní Muzeum	Preliminary results of the multi-isotope analysis in the Hallstatt period bi-ritual cemetery at Modřice, Czech Republic
15.20-15.40	<i>Coffee break [poster session]</i>		
15.40-16.00	<i>D. Schmidtová, J. Pinar Gil, V. Klontza Jaklova, R. Fernandes</i>	Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno	Two case studies of dietary and mobility reconstructions from Late Antique Italy (4th- 7th centuries)
16.00-16.20	<i>M. Nývltová Fišáková</i>	Department of Physiology, Faculty of Medicine, Masaryk University, Brno	Use of stable isotope analyses for palaeoenvironmental and climate reconstruction



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<i>Session 2A – Digging deeper: scientific methods for exploring inorganic archaeological materials</i>			
09.40-10.00	<u>R. Thér</u> , <i>J. Horáček</i>	Department of Archaeology, Faculty of Arts, University of Hradec Králové	New advances in ceramic microtomography
10.00-10.20	<u>J. Petřík</u> , <i>V. La Salvia, M. Moderato, D.V. Hill, K. Slaviček, D. Všianský, K. Trnová</i>	Department of Geological Sciences, Faculty of Science, Masaryk University, Brno	Archaeometric evidence of Medieval transoceanic trade networks from Madayi (India)
10.20-10.40	<u>K. Tomková</u> , <i>Š. Křížová, N. Venclová</i>	Institute of Archaeology of the CAS (Prague)	Development of glass beads from the Late Roman Period to the Early Middle Ages: insights from the Hostivice cemeteries
10.40-11.10	<i>Coffee break [poster session]</i>		
11.10-11.30	<u>M. Hlavica</u> , <i>K. Slaviček, D. Všianský, O. Merta</i>	Institute of Archaeology of the CAS (Brno)	Archaeometry of ceramic tuyeres uncovers technological aspects of Early Medieval iron production in Moravian Karst
11.30-11.50	<u>E. Paralovo</u>	Institute of Classical Archaeology, Faculty of Arts Charles University, Prague	Analysing ancient clay spacers: insights into pottery firing techniques in Romanization- Era Northern Italy
11.50-12.10	<u>V. Šupita</u>	Department of Inorganic Chemistry, Faculty of Science, Charles University Department of Classical Archaeology, Faculty of Arts, Charles University	Material survey of red-figure pottery from South Italy using optical, diffraction and imaging methods
12.10-13.40	<i>Lunch break</i>		



13.40-14.00	<u>M. Verčík</u> Ü. Güder	Institute of Classical Archaeology, Faculty of Arts Charles University, Prague	Metals, workshops, sanctuaries: a case study from the Apollo sanctuary at Didyma, Turkey
14.00-14.20	Ü. Güder, A. Özdemir, As. Özdemir	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague Max-Planck Institute for Sustainable Materials, Düsseldorf, Germany	Zinc in Urartu copper alloys: accident or innovation?
14.20-14.40	<u>M. Kmošek</u> , M.A. Wijnhoven	Institute of Archaeology of the CAS (Brno)	Mastering metalwork: exploring a newly discovered Roman armour decoration technique
14.40-15.00	<i>Coffee break [poster session]</i>		
<i>Session 2B – Digging deeper: scientific methods for exploring inorganic archaeological materials</i>			
15.00-15.45	Key-note lecture <u>Ing. Jan Válek, PhD</u>	Institute of Theoretical and Applied Mechanics of the CAS	Understanding construction techniques, raw material resources and chronology through the characterisation of historic mortars
15.45-16.00	<u>P. Tomanová</u>	Institute of Archaeology of the CAS (Prague)	Radiocarbon dating of historical mortars in the Czech Republic: state of the art and an example of successful use at the Rotunda of St. Peter and Paul at Budeč
16.00-16.20	<u>S. Pawelkowicz</u> , J. Burdajewicz	Institute of Theoretical and Applied Mechanics of the CAS	Reconstructing a Late Antique painters' palette: a preliminary survey of wall paintings in the southern Levant
16.20-16.40	<u>K. Doležalová</u> , J. Řídký, K. Hošková, A. Pokorná, L. Varadzinová, L. Varadzin	Institute of Archaeology of the CAS (Prague) Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	Analytical approaches to the study of the functional use of ground stones from the Shaqadud Mountains (central Sudan)
16.40-17.00	<u>L. Prokeš</u> , A. Přichystal, J. Petřík	Faculty of Education, Masaryk University, Brno	Non-destructive research of Carpathian obsidians using x-ray fluorescence method
17.00-18.30	<i>Reception</i>		



Friday, October 18th

9.00-9.30	<i>Registration</i>		
9.30-9.40	<i>Opening ceremony</i>		
<i>Session 1 – How to study the organic archaeological data</i>			
09.40-10.40	Key-note lecture <u>Prof. Matthew Collins,</u> <u>PhD</u>	McDonald Professor of Palaeoproteomics, McDonald Institute for Archaeological Research, University of Cambridge	Palaeoproteomics - time to lead not follow
10.40-11.00	<u>P. Tušlová,</u> <i>K. Budilová, V. Komárková,</i> <i>V. Brychová, J. Beneš</i>	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	Was there a Retsina wine production at the Roman site of Petkina Niva in Ohrid Basin, North Macedonia?
11.00-11.30	<i>Coffee break</i>		
11.30-11.50	<u>A. Tsuvaltsidis</u>	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague Sorbonne Université	Analysis of archaeological amber: from field to lab
11.50-12.10	<u>K. Hošková,</u> <i>A. Pokorná, J. Hošek,</i> <i>L. Juříčková, J. Novák,</i> <i>K. Doležalová, J. Řídký,</i> <i>L. Varadzinová, L. Varadzin</i>	Institute of Archaeology of the CAS (Prague) Department of Botany, Faculty of Sciences, Charles University, Prague	Phytoliths as a tool for paleoenvironmental reconstruction in archaeological research: case study from central Sudan
12.10-12.30	<u>Z. Šůvová</u>	Department of Archaeology, Faculty of Arts, University of West Bohemia in Pilsen	The potential of cesspit fills from the perspective of an archaeozoologist
12.30-14.00	<i>Lunch break</i>		
14.00-14.20	<u>E. Jamrichová,</u> <i>Z. Golec Mírová, M. Golec</i>	Institute of Botany of the CAS	Pollen analysis of Hallstatt layers from the Býčí Skála Cave. Contribution to the interpretation of the pollen spectra from archaeological deposits



14.20-14.40	<u>L. Petr</u> , P. Kočár, I. Vostrovská	Department of Botany and Zoology, Faculty of Science, Masaryk University, Brno	Prehistoric wells as a source of pollen record. The potential and limitations of their reconstruction of past environment and subsistence in Prehistory
14.40-15.00	<u>L. Lisá</u> , T. Fair, P. Kočár, R. Kočárová, L. Petr, B. Marešová, P. Netolický	Institute of Geology of the CAS	How to properly read the wet archaeological situations? Integration of different archaeological approaches into the study of formation processes
15.00-15.30	Closing remarks		

Posters			
16 th Oct.	<u>P. Limburský</u> , L. Kovačiková, O. Trojánková	Institute of Archaeology of the CAS (Prague)	Modelling stable oxygen isotope ($\delta^{18}O$) values in animal tooth enamel: implications of parameter number selection for the interpretation of archaeozoological assemblages
17 th Oct.	<u>J. Bobik</u>	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	Soot and scratches: use-wear analysis of Bronze Age pottery from Kaymakçı
	<u>L.J. Charvát</u> , S. Antošová	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	Portable X-Ray fluorescence analysis of Ancient copper-alloy anthropomorphic statuettes from the ICAR collection
	<u>M. Lelovič</u>	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	An analysis of the material composition of roman-provincial knee fibulas in the Central Danube region and their sociocultural and technological connotations
	<u>R. Mikulec</u> M. Hlavica, M. Kmošek, O. Merta, M. Lebsak	Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno	Comparison of two neighbouring Early Medieval Iron production areas in the Czech Republic
	<u>C. Palmas</u>	Sapienza University, Rome	Archaeometrical analysis of archaeological metals: preliminary data from Miranduolo and Poggio Imperiale in Poggibonsi (Siena, Tuscany)
	<u>P. Pizzo</u> , P. Kozlvocev	Institute of Theoretical and Applied Mechanics of the CAS	Experimental burning and slaking of limestones: a path to discover lime technologies

