

Wednesday, October 16th

09.30-10.30	<i>Registration</i>		
10.30-10.45	<i>Opening ceremony</i>		
<i>Session 3 – How old are you and where do you come from? Dating methods and isotope analysis for archaeology</i>			
11.00-12.00	Key-note lecture <i>Ing. Ivo Světlík, PhD</i>	Czech Radiocarbon Lab, Nuclear Physics Institute of the CAS	Perspectives of the radiocarbon dating method
12.00-12.20	<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)
12.20-14.00	<i>Lunch break</i>		
<i>Session 2A – Digging deeper: scientific methods for exploring inorganic archaeological materials</i>			
14.00-14.20	<i>M. Hlavica, 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
14.20-14.40	<i>E. Paralovo</i>	Institute of Classical Archaeology, Faculty of Arts Charles University, Prague	Analysing ancient clay spacers: insights into pottery firing techniques in Romanization- Era Northern Italy
14.40-15.00	<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
15.00-15.20	<i>R. Thér, J. Horáček</i>	Department of Archaeology, Faculty of Arts, University of Hradec Králové	New advances in ceramic microtomography



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<i>Session 2A – Digging deeper: scientific methods for exploring inorganic archaeological materials</i>			
09.40-10.00	<u><i>K. Tomková,</i></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
10.00-10.20	<u><i>J. Petřík,</i></u> <i>V. La Salvia, M. Moderato, D.V. Hill, K. Slaviček, D. Všíanský, 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><i>V. Šupita,</i></u> <i>S. Švarcová, M. Verčík, D. Zákutná</i>	Department of Inorganic Chemistry, Faculty of Science, Charles University	Material survey of red-figure pottery from South Italy using optical, diffraction and spectroscopic methods
10.40-11.10	<i>Coffee break [poster session]</i>		
11.10-11.30	<u><i>L.J. Charvát,</i></u> <i>S. Antošová</i>	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
11.30-11.50	<u><i>M. Kmošek,</i></u> <i>M.A. Wijnhoven</i>	Institute of Archaeology of the CAS (Brno)	Mastering metalwork: exploring a newly discovered Roman armour decoration technique
11.50-12.10	<u><i>Ü. Güder,</i></u> <i>A. Özdemir, As. Özdemir</i>	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?
12.10-13.45	<i>Lunch break</i>		



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Session 2B – Digging deeper: scientific methods for exploring inorganic archaeological materials

13.45-14.45	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
14.45-15.05	<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
15.05-15.30	<i>Coffee break [poster session]</i>		
15.30-15.50	<u>S. Svorová,</u> <u>J. Burdajewicz</u>	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
15.50-16.10	<u>K. Doležalová,</u> <u>J. Řídký, K. Hošková,</u> <u>A. Pokorná,</u> <u>L. Varadzinová, L. Varadzin</u>	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)
16.10-16.30	<u>L. Prokeš,</u> <u>A. Přichystal, J. Petřík</u>	Faculty of Education, Masaryk University, Brno	Non-destructive research of Carpathian obsidians using x-ray fluorescence method
17.30-18.30	<i>Reception</i>		



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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 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>V. Brychová,</u> <i>T. Krofta,</i> <i>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
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. Šivová</u>	Department of Archaeology, Faculty of Arts, University of West Bohemia in Plzeň	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> <i>P. Kočár, I. Vostrovská</i>	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



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ITAM ARCHIP

14.40-15.00	<i>L. Lisá, T. Fair, P. Kočár, R. Kočárová, L. Petr, B. Marethová, P. Netolický</i>	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
<u>15.00-15.30</u>	<i>Closing remarks</i>		



Posters

16 th Oct.	<i>P. Limburský, L. Kovačiková, O. Trojánková</i>	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.	<i>J. Bobik</i>	Institute of Classical Archaeology, Faculty of Arts, Charles University, Prague	Soot and scratches: use-wear analysis of Bronze Age pottery from Kaymakçı
	<i>E. Bonato, B. Weissová, E. Gugala, D. Donev, C. Snively, G. Sanev</i>	Tescan, Brno	Mining the Pots: Insights into the Raw Materials Used in the Ceramic Production of Golemo Gradishte (Republic of North Macedonia)
	<i>D. Frankeová</i>	Institute of Theoretical and Applied Mechanics of the CAS	Thermal analysis – a complex tool for characterizing historical and archaeological materials
	<i>M. Lelovič</i>	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
	<i>R. Mikulec M. Hlavica, M. Kmošek, O. Merta, M. Lebsak</i>	Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno	Comparison of two neighbouring Early Medieval Iron production areas in the Czech Republic
	<i>C. Palmas</i>	Sapienza University, Rome	Archaeometrical analysis of archaeological metals: preliminary data from Miranduolo and Poggio Imperiale in Poggibonsi (Siena, Tuscany)

