

6th scientific conference Methodology and Archaeometry

Thursday, 6th of December

9:00 – 9:15

Opening

Key-note lecture:

9:15 – 9:45

Dimitrij Mlekuž

ALS and landscape archaeology

Chair: Jacqueline Balen

9:45 – 10:00

Predrag Novaković & Dimitrij Mlekuž

Challenges of Big data in archaeology

10:05 – 10:20

Sara Popović

ArchaeoCulTour project – an integrated approach to landscape study

10:25 – 10:40

Lujana Paraman, Filomena Sirovica & Dinko Tresić Pavičić

Sutilija hill above Trogir: Value loss assessment of the site damaged by contemporary stone exploitation

10:45 – 11:00

Branko Mušič, Igor Medarić, Barbara Horn, Petra Basar, Hrvoje Potrelica, Igor Vukmanić, Ina Miloglav & Rajna Šošić Klindžić

Archaeological geophysics – an overview on experiences from surveys in Slavonia and Baranja

11:05 – 11:35

Coffee break (Library Foyer)

Chair: Predrag Novaković

11:35 – 11:50

Luka Gruškovnjak

Theoretical models of soil formation and soil geomorphology and their archaeological implications

11:55 - 12:10

Žarko Tankosić

An Approach to Survey Methodology from the Aegean: Norwegian Archaeological Survey in the Karystia

12:15 - 12:30

Rebecca M. Seifried & Helena Tomas

The Trials and Tribulations of Surveying the Cetina River Valley

12:35 - 12:50

Dubravko Gajski & Ana Solter

Spatial accuracy of a photogrammetrically reconstructed archaeological artefacts

12:55 - 13:10

Ivana Ožanić Roguljić, Kristina Turkalj & Kristina Jelinčić Vučković

The database of antique (Greek and Roman) archaeological sites of the Republic of Croatia

13:15 – 13:35

Coffee break (Library Foyer)

Chair: Rajna Šošić Klindžić

13:35 - 13:50

Dushka Urem-Kotsou

Pottery and cooking practices. An experimental approach to the study of use-alterations related to processing of food

13:55 - 14:10

Andreja Kudelić, Ina Miloglav, Izabela Andrašić, Dalibor Branković, Petra Lacković, Valentina Lončarić, Mia Marijan, Franka Ovčarić & Gabrijela Perhaj

Understanding the complex mechanisms of ceramic production in prehistory – experimental approach

14:15- 14:30

Milica Tapavički-Ilić & Jelena Anđelković Grašar

Storytelling. Is there a better method of archaeological site interpretation?

14:35- 14:50

Katarina Šprem & Ivor Karavanić

Results of a second lithic trampling experiment – some questions and a few answers

14:55 - 15:10

Franka Ovčarić & Branka Tomić

An experimental approach to reconstruction of wool dyeing in archaeology

15:15 - 15:30

Dora Šimić & Slavica Bošnjak

The technology of processing hard animal materials from the Vučedol site

15:35 – 16:30

Lunch break

16:30 - 17:15 Poster presentation in the Library Foyer

Vidan Dimić

In chase for traces -experimental researches of polished stone axes, adzes and chisels and comparative traceological analyses

Katarina Šprem, Robert Matijašić & Rajna Šošić Klindžić

Stone as a resource in prehistory and antiquity

Selena Vitezović

Reconstructing the chaîne opératoire of the prehistoric osseous artefacts

Dragana Antonović, Selena Vitezović & Vidan Dimić

Tracing the evidence of prehistoric copper mining in Serbia

Antonela Barbir, Nikola Vukosavljević & Dario Vujević

Methodological approach to the taphonomic analysis of archaeomalacological assemblages: a case study of Vlakno cave

Viktória Mozgai, Boglárka A. Topa, Tamás G. Weiszbürg, Zsolt Mráv & Bernadett Bajnóczi

Study of the niello inlays of a unique late Roman silver augur staff (lituus) from Brigetio, Pannonia (Hungary)

Jugoslav Pendić, Jelena Jovanović, Sofija Stefanović & Jelena Marković

People of Lepenski Vir: first results of developing guidelines for digitalization of osteoarchaeological record

Miroslav Vuković, Helena Tomas, Nikola Vukosavljević & Marcel Burić

Image-based modelling approach to the documentation of Crvenkuša cave site

Igor Kulenović, Šime Vrkić & Neda Kulenović Očelić

Documenting, analyzing and evaluating a Dinaric karst landscape

Barbara Horn, Branko Mušič, Igor Medarić & Dimitrij Mlekuž

Geophysical and archaeological research of Eneolithic pile dwelling settlement Gornje Mostišče – emphasis on electrical resistivity tomography method

Jasmina Štajdohar, Žiga Kokalj & Ivan Šprajc

Lidar-based volumetric analysis of Maya settlement in the southeastern Campeche, Mexico

Miroslav Vuković, Ina Miloglav & Ivana Ožanić Roguljić

Methodological approach to a digital reconstruction of the Late Antiquity drywall structures from Banjače site (South Croatia)

Afternoon programme:

18:00 - Visit to Archaeological Museum in Zagreb - conservation and preparation workshops, museum depository and permanent exhibitions

20:00 – Kôta cafe bar, Medulićeva 20

Friday, 7th of December

Chair: Jacqueline Balen

10:00 - 10:15

Ki Suk Park, Ralf Milke, Erik Rybacki & Sabine Reinhold

Application of image analysis for the identification of ceramic pottery production technologies in the North Caucasus in the Bronze Age and the Iron Age

10:20 - 10:35

Andreja Kudelić, Attila Kreiter & Dinko Tresić Pavičić

Reconstructing the chaîne opératoire of Middle Bronze Age Pannonian Encrusted pottery: a case study of Jagodnjak-Krčevine (NE Croatia)

10:40 - 10:55

Esmeralda Agolli

Classification of Archaeological Ceramics: Insights from a Conceptual and Ideational Perspective

11:00 - 11:15

Sergios Menelaou

Beyond networks and macro-scale analysis: unravelling local micro-histories of pottery through an integrated methodology

11:20 - 11:35

Rajna Šošić Klindžić

After archaeometry gives us 42, what do we do?

11:40 - 12:10

Coffee break (Library Foyer)

Chair: Selena Vitezović

12:10 - 12:25

Viktória Mozgai, Bernadett Bajnóczi, Ernst Pernicka, Zoltán May, István Fórizs, Zsolt Mráv, Marianna Dági & Mária Tóth

Multi-analytical archaeometric investigation of late Roman silver objects from the Pannonian provinces – implications on composition, raw material provenance and technology

12:30 – 12:45

Tomislav Brenko, Sibila Borojević Šoštarić & Stanko Ružičić

Mineralogical and geochemical characteristics of ore for possible iron production in Podravina region, NE Croatia

12:50 - 13:05

Ivan Jerković, Željana Bašić Ivana Kužić & Šimun Anđelinović

Application of posterior probabilities in osteometric sex estimation: a study on antique and late antique Salona population

13:10 – 13:25

Ante Lozina, Ivana Kružić, Šimun Anđelinović & Željana Bašić

Procedures regarding human osteological remains from excavation to presentation – European experiences

13:30 – 13:45

Goran Tomac

Mesolithic diet in the Žukovica cave (South Dalmatia, Croatia)

13:50 - 14:10

Coffee break (Library Foyer)

14:10 – 14:25

Chair: Nikola Vukosavljević

Andreja Sironić, Jadranka Barešić & Ines Krajcar Bronić

Bone dating at the Zagreb Radiocarbon laboratory, Croatia

14:30 – 14:45

Ines Krajcar Bronić, Andreja Sironić, Damir Borković & Marno Milotić

Can we determine the age of an old olive tree by the ¹⁴C dating method?

14:50 – 15:05

Laura Polonijo, Sara Essert, Andreja Kudelić & Snježana Karavanić

New evidence of nutritional habits during the Late Bronze Age: analysis of the carbonized plant remains from Kalnik-Igrišće

15:10 – 15:25

Luna Pavlović

Archaeobotanical research of the prehistoric site Ripač, Bosnia and Herzegovina

15:30 – 15:45

Petar Gabrić, Marko Banda, Ivor Karavanić & Luka Bulian

Lower and Middle Palaeolithic stone toolmaking and language: a preliminary experimental archaeological and psycholinguistic study

15:50

Closing