MET ARH

14th International Scientific Conference

Methodology and Archaeometry

26–27 November 2026

PROGRAMME

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Funded by the European Union NextGenerationEU

Faculty of Humanities and Social Sciences

Department of Archaeology

Croatian Archaeological Society

The Society for Archaeological Sciences

PROGRAMME

Thursday, 26 November

9:00–9:10 **Conference opening**

Keynote lecture
Chair: Ina Miloglav

9:10–9:55 **Carlos G. Santiago-Marrero**
Reconstructing Human–Plant Interactions at the Microscale: Microbotanical Perspectives on Plant Use and Foodways in Past Societies

10:00–10:20 COFFEE BREAK

Session 1
Chair: Miroslav Vuković

10:20–10:35 **Žiga Kokalj & Luka Škerjanec**
Cross-border airborne laser scanning data

10:40–10:55 **Sara Popović & Marko Rukavina**
Redrawing the Roman Landscape: New Centuriations and New Questions from National and Transnational ALS Datasets

11:00–11:15 **Siniša Pamić, Luka Bariša & Tomislav Zojčeski**
Reading the Roman Landscape: LiDAR, Surface Traces, and Archaeological Excavations of Centuriation at Barbariga

11:20–11:35 **Jerko Luka Gašpar**
New insights into the study of Roman land division in Istria, Croatia, acquired through remote sensing analysis

11:40–11:55 **Jelena Lapić**
From Legionary Territory to Colonial Land Division: Reconstructing the Roman Landscape between Tilurium and Aequum

12:00–12:20 COFFEE BREAK

Session 2
Chair: Predrag Novaković

12:20–12:35 **Predrag Đerković**
Methodological challenges in GIS-based predictive modelling - Identifying 6th century hillforts in the central Balkans

12:40–12:55 **Álvaro Corrales Álvarez**
Advancing Open Science in Archaeological Documentation: Open-Source Tools, Repositories and Reproducible Workflows for Preventive Conservation in Roman Baetica

13:00–13:15 **Gregor Pobežin & Zrinka Mileusnić**
Stone to Digital: AI-assisted Workflow for Epidoc - the Case of Medieval and Early Modern Inscriptions

13:20–13:35 **Slađana Nešković**
The Replica as a Record of Process. Documenting Decisions in the 3D Digitisation and Additive Manufacturing of Archaeological Objects

13:40–13:55 **Abreha Kiros**
Reconstructing Environmental Change at Aksum: A Longitudinal Archaeological and Photogrammetric Assessment of Monumental Landscapes

14:00–15:00 LUNCH BREAK

Session 3

Chair: Andreja Kudelić

15:00–15:15 **Beáta Barbocz**
Quantitative Analysis of the Pottery from the Bandu Cemetery (Mureș County, Romania)

15:20–15:35 **Florica Matau, Vasile Diaconu, Mitica Pintilei, Ovidiu Chiscan, Ana-Lavinia Vasiliu & Elena-Laura Ursu**
Technologies of Tradition: Archaeometric Investigations into Cucuteni Pottery Technology at Răucești-Dealul Munteni (Neamț County, Eastern Romania)

15:40–15:55 **Jasna Vuković**
Beyond Simple Modelling: Reconstructing the Manufacturing Procedures of Vinča Anthropomorphic Figurines from Pavlovac-Čukar, Southern Serbia

16:00–16:15 **Zrinka Mileusnić & Katarina Katja Predovnik**
FIAT LUXUS. An integrated archaeological and archaeometric framework for the research of "Loka Painted Ware"

16:20–16:35 **Mario Novak, Slavica Filipović, Petra Grizelj, Željka Bedić & Mario Carić**
The Last Meal of a Roman Soldier: Dietary Signatures in a Third-Century Roman Mass Grave from Mursa

16:40–16:50 COFFEE BREAK

Session 4 – Poster presentations 16:50–17:30

Zvonka Janežič & Jure Tičar
Reassessing the Archaeological Potential of Slovenian Karst Caves through Systematic Non-Invasive Surveys

Luka Škerjanec, Nejc Čož & Žiga Kokalj
Morphometric and Spatial Analysis of Prehistoric Burial Mounds in Eastern Herzegovina

Franka Ovčarić, Luka Drahotusky-Bruketa, Janja Mavrović Mokos
Seeing Is Believing: Applying Remote Sensing to Archaeological Surveys. A Case Study from Medvednica Mountain, Croatia

Sayem Ahmed
Revealing Hidden Landscapes: Artificial Intelligence and Satellite Remote Sensing for Archaeological Reconstruction in the Bengal Delta

Ružica Savić
Spatial Proximity and Technological Similarity: Building Practices at the Late Neolithic Settlement of Drenovac near Paraćin, Serbia

Tena Karavidović, Tomislav Brenko, Sibila Borojević Šoštarić & Tajana Sekelj Ivančan
Geoarchaeological Approaches to Identifying Iron Production Landscapes: Linking Production Sites and Potential Bog Iron Ore Sources in Altered Environments

Andreja Kudelić, Natali Neral, Filomena Sirovica, Zoran Čučković, Dinko Tresić Pavičić, Martina Čelhar, Mia Marijan, Marta Mileusnić & Iris Biškupić Bašić
Mapping Technological Knowledge through Pottery: The PotNet Research Project

Sarah Hinkel & Agnese Benzonelli
Secrets on the Surface: A Characterization of Late Bronze Age and Early Iron Age Wares from the Vedi River Valley Using Non-Destructive Techniques

Kristina Horvat Oštrić, Maria Letizia Amadori & Jgor Arduini
Archaeometry of pottery from the Neolithic site of Graduša – Lokve

Maciej Dębiec, Anna Rauba-Bukowska, Vasile Diaconu, Katarzyna Drabik, Ewa Rydzewska & Anna Przelaskowska
Archaeometric Investigations of Precucuteni Figurines from Romania: Technology and Production

Ramona-Crina Suciu, Mioara Zagrai, Ionuț Marian, Alexandru Turza, Aurel Rustoiu, Florin Popa, Senica Țurcanu & Călin Gheorghe Dan Neamțu
A multi-method approach to study miniature ceramic vessels from area of the Cucuteni - Trypillia culture

Natali Neral, Andreja Kudelić & Domagoj Mudronja
When the Method Meets the Laboratory: Implementing SEM-EDS Analysis of Archaeological Ceramics in Croatia

Petar Minkov, Denitsa Sandeva, Veseleina Dimitrova, Marina Kalpachka & Stanislava Todorova
Like Gold, Like Platinum: An Interdisciplinary investigation about gold and silver earrings from grave context from V century BC in Northeastern Bulgaria

Natali Neral, Ana Konestra, Małgorzata Zaremba & Agnese Kukela
Archaeometric Characterization of Mortar and Plaster from Late Antique sites along the eastern Adriatic coast (Croatia)

Koraljka Bakrač, Ankica Oros Sršen, Jan Hinkelman, Ivona Baniček, Tomislav Kurečić & Vibor Novak
Charcoal Evidence of Bronze Age Pastoral Practices at Spila nad Procjepom, Mljet

Jelena Jovanović, Tamara Blagojević, Camille de Becdelièvre, Maja Kokanović, Mario Novak, Maja Krznarić Škrivanko, Dragana Rajković, Lidija Balj, Andrej Starović, Dragan Milanović, Darko Radmanović, Guy Andre, Sara Bernardini, Federico Lugli & Gwenaëlle Goude
Stable isotope analyses and settlement archaeology approach indicate high variability in dietary and settlement patterns of the Neolithic communities in the Southern Carpathian Basin between the 7th and 5th millennium cal. BC

Zheni Vasileva & Elena Vasileva
Radiocarbon Dating and Cremation Practices at the 3rd Millennium BC Cemetery of Tarnayne, Northwestern Bulgaria

Ante Lozina
Tracing the Sacred: Historical Mobility and the Material Cultural Heritage of Saints' Relics in Croatia

Lovro Vragolović
The Barice-Gređani Group in Eastern Slavonia: Illuminating the Strizivojna-Šimenica Site in the Late Bronze Age Through New Discoveries

Friday, 27 November

Session 5

Chair: Jacqueline Balen

10:00–10:15 **Rodica-Mariana Ion**
Roman Building Technologies across Moesia Inferior and Dacia: A Multi-Analytical Archaeometric Investigation of Raw Materials and Construction Practices

10:20–10:35 **Alina Mosiu & Rodica-Mariana Ion**
A Multi-Analytical Approach to HAp-Modified Lime Mortars: Linking Microstructure, Composition and Performance for Heritage Applications

10:40–10:55 **Zrinka Mileusnić & Neža Čebron Lipovec**
From archaeological park to heritage living lab: co-creation, teaching and sustainable management at San Simon's Bay, Slovenia

11:00–11:15 **Annita Antoniadou**
Beyond the Monument: How Archaeological Science Literacy Shapes Public Heritage Stewardship — A Case Study from Cyprus

11:20–11:40 COFFEE BREAK

Session 6

Chair: Nikola Vukosavljević

11:40–11:55 **Noemí Cubas Martin & Joe Wallace Walser**
From Soil to Spectrum: Experimental Burial, Cleaning Protocols and FORS Interpretation of Dyed Icelandic Wool

12:00–12:15 **Marko Banda & Ina Miloglav**
Sunset Stones: Lithics, technological organization and everyday activities at the Late Copper Age site of Prisunjača (Eastern Croatia)

12:20–12:35 **Nikolina Belošević**
Tracing Stone and Sculpture: New Insights into Early Medieval Sculpture of the island of Krk

12:40–12:55 **Boris Rozić Vašiček**
Network Analysis of Mousterian Sites in Bosnia and Herzegovina

13:00–14:00 LUNCH BREAK

Session 7
Chair: Petra Nikšić

14:00–14:15 **Laura Sisto, Giulia Tagliabue, Michele Boracchi, Domenico Di Candia, Ciara O'Brien Butler, Richard Madgwick, Cristina Cattaneo & Lucie Natividad Jeannine Biehler-Gomez**
Less is More: An integrated analytical approach to osteological material in the DOMINA Project

14:20–14:35 **Barbara Kriletić**
Amelogenin - small sample, big answer

14:40–14:55 **Aleksandra Grzegorska & Rafał Fetner**
No worms plenty of fish: Rethinking the "absence of evidence" in paleoparasitology through isotopic analysis, a case study of two Polish towns: Chełm and Puck

15:00–15:15 **Abdul Adil Paray**
AMS Radiocarbon Dating of Neolithic Sites in the Kashmir Valley, India: A Case Study in Minimally Invasive Sampling Strategies

15:20–15:40 COFFEE BREAK

Session 8

Chair: Marko Banda

15:40–15:55 **Ivana Dimitrijević, Jelena Bulatović, Selena Vitezović & Ina Miloglav**
Animals as Sources of Food and Raw Materials: Subsistence and Tool Production at the Late Copper Age Site of Prisunjača–Ciganica (Eastern Croatia)

16:00–16:15 **Aivaras Jefanovas**
Beyond Subsistence: Interpreting Seal Remains from Subneolithic Šventoji, Western Lithuania

16:20–16:35 **Đurđa Obradović & Dragana Filipović**
Measuring Charred Seeds: Insights into the Late Neolithic Use of Flax in Serbia

16:40–16:55 **Saša Kovačević**
The Individual and the Collective: Methodological Approaches to Iron Age Identities in Eastern Varaždin County

Notes

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