



9th BALKAN SYMPOSIUM ON ARCHAEOOMETRY

ZADAR
4th – 7th NOVEMBER
2024

MONDAY, 4th NOVEMBER 2024

**VENUE: UNIVERSITY OF ZADAR – OLD TECHNICAL SCHOOL
SEP, HALL 001 (ŠIME VITASOVIĆA 1)**

08:00 – 09:00 REGISTRATION

OFFICIAL OPENING OF THE CONFERENCE

Welcome speeches

09:00 – 09:20

Mr. Zvezdan Penezić,

Vice Rector for Scientific Affairs and Information Infrastructure at
University of Zadar

Mrs. Antonija Mlikota,

Head of the Conference Organizing Committee

KEYNOTE PRESENTATIONS

Chair: Antonija Mlikota

09:20 – 09:50

Olena Myronycheva

Microbiome of Historical Wooden Churches: Strategies for Characterizing
Material Preservation and Prognosticating Future Condition

09:50 – 10:20

Irena Radić Rossi

Archaeometric Potential of Underwater Archaeological Sites

10 min

Discussion

SESSION 1

ENVIRONMENTAL ARCHAEOLOGY / LANDSCAPE / GEOPHYSICS AND
GEOGRAPHIC INFORMATION SYSTEM APPLICATIONS

Chair: Katarina Batur, Željko Miletić

- 10:30 – 10:45** The Silent Witnesses: Unearthing Biokovo's Burial Secrets
S. Bekavac, Ž. Miletić, M. Quinn
- 10:45 – 11:00** Predictive Modeling of Settlement Patterns in Biokovo Nature Park
(Croatia) Based on Geoarchaeological Criteria
F. Domazetović, D. Štublin
- 11:00 – 11:15** Detection and analysis of newly discovered archaeological sites through
methodological approach of QField application
M. Godanj, B. Sabljak
- 15 min** Discussion
11:30 – 12:00 Coffee break
- 12:00 – 12:15** The results of the project „KultBaMikroo“ – Protection of Zadar's Cultural
Heritage from the Negative Impact of Microorganisms
J. Lončar, A. Mlikota, S. Zjalić
- 12:15 – 12:30** Archaeology in archives – georeferencing and geospatial connection of
archival archaeological maps and documentation
M. Popek, A. Pydyn, H. P. Dąbrowski, A. Kowalczy
- 12:30 – 12:45** The Archaeological Photo of Poland
S. Mosakowski, M. Piotrowska, M. Tański
- 15 min** Discussion
13:00 – 15:00 Lunch break

SESSION 2

CONSERVATION SCIENCE CASE STUDIES: DECAY PROCESSES AND
IMPLEMENTATION OF CONSERVATION PROCEDURES

Chair: Zdenka Vrgoč

- 15:00 – 15:15** Multifunctional TiO₂ nano-modified coatings for the protection
of historic paper
G. Aleksić, T. Cigula, M. Vukoje, K. Itrić Ivanda
- 15:15 – 15:30** Fungal deteriogens of plastic: The case of a famous red Kiosk K67 from the
former Yugoslavia
**M. Stupar, A. Knežević, Ž. Savković, Z. Lević, I. Đokić, M. Ljaljević Grbić,
I. Dimkić, N. Unković**
- 10 min** Discussion
15:40 – 16:00 Coffee break

SESSION 3

MULTIDISCIPLINARY RESEARCH, DEVELOPMENTS AND
MANAGEMENT IN CULTURAL HERITAGE

Chair: Milica Marić Stojanović

- 16:00 – 16:15** Written Heritage Research Challenges: Possibilities and Application of Document Image Analysis
I. Horvat, J. Lukinac, D. Hasenay
- 16:15 – 16:30** Connecting contexts: Challenges of the Use of Digital Technologies in Archaeological Heritage Interpretation and Presentation for Museums and Cultural Routes – a Case Study
M. Rakvin, J. Balen, P. Šćukanec-Rezniček
- 10 min** **Discussion**
- 17:00 – 17:30** **Guided tour** of the Archaeological Collection at the Department of Archaeology, University of Zadar (Mihovila Pavlinovića 1)
- 17:45 – 18:30** **Guided tour** of the Museum of Ancient Glass in Zadar
- 18:30 – 21:00** **Meet and Greet** with catering on the beautiful terrace of the Museum of Ancient Glass in Zadar
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TUESDAY, 5th NOVEMBER 2024

VENUE: CHURCH OF ST. NICHOLAS (BOŽIDARA PETRANOVIĆA 3)

SESSION 4

VARIOUS ANALYSIS / MATERIAL CHARACTERIZATION (CERAMICS,
METALS, GLASS, VITREOUS MATERIALS, LITHICS, STONES,
PIGMENTS, MORTARS, ORGANIC RESIDUES)

Chair: Mario Bodružić, Tena Karavidović, Martina Rajzl

- 09:00 – 09:15** Change and Continuity in the Cucuteni Pottery Technology
F. Mățău, O. Chișcan, I. Matolínová, M. Pintilei, A.-L. Vasiliu, A. Stancu
- 09:15 – 09:30** Nondestructive SEM-EDS analysis of the silver and gold hair-rings from the Early Bronze Age from the Lower and Middle course of the Tundzha River, Bulgaria
T. Valchev, D. Yovchev
- 09:30 – 09:45** Tracing Tradition: White and Red Pigments in Chalcolithic Balkan Incrustation
A. Pirovska, V. Atanassova, V. Tankova
- 09:45 – 10:00** New archaeometric results on late Roman lead glazed pottery from Pannonia
B. Bajnóczy
- 20 min** **Discussion**
- 10:20 – 11:00** **Coffee break with poster session**
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- 11:00 – 11:15** Some issues regarding provenance of the 11th – 12th c. CE glass bracelets from Braničevo and Morava (Margum), Serbia
R. Balvanović, Ž. Šmit, I. Sylachev, M. Marić-Stojanović, D. Spasić Đurić, T. Branković
- 11:15 – 11:30** On the problem of early medieval metal resources in East-Central-Europe based on the analysis of late Avar copper alloy objects
V. Mozgai, B. Bajnóczi, G. Szenthe
- 11:30 – 11:45** Fresco Painting of St. George monastery in Old Ras, Serbia
M. Marić Stojanović, E. Zubavichus, K. Yanovskaya, T. Timotić, D. Bajuk-Bogdanović, B. Popović, E. Zecević, I. Holclajtner-Antunović
- 11:45 – 12:00** Looking through the *ballotina di laccha*: characterization analyses of red lake pigment from the cargo of the 16th-century Venetian ship Gagliana grossa (Gnalić shipwreck)
K. Batur, M. R. van Bommel, A. Bonneau, I. Radić Rossi
- 20 min** **Discussion**
- 12:30 – 14:00** **Guided tour** of the UNESCO International Centre for Underwater Archaeology in Zadar (Božidara Petranovića 3)
- 14:00 – 16:00** **Lunch break**
- 16:00 – 17:00** **Guided tour** of the Archaeological Museum Zadar (Trg opatice Čike 1)
- 20:00** **Gala dinner** at the Kornat restaurant (Liburnska obala 6)
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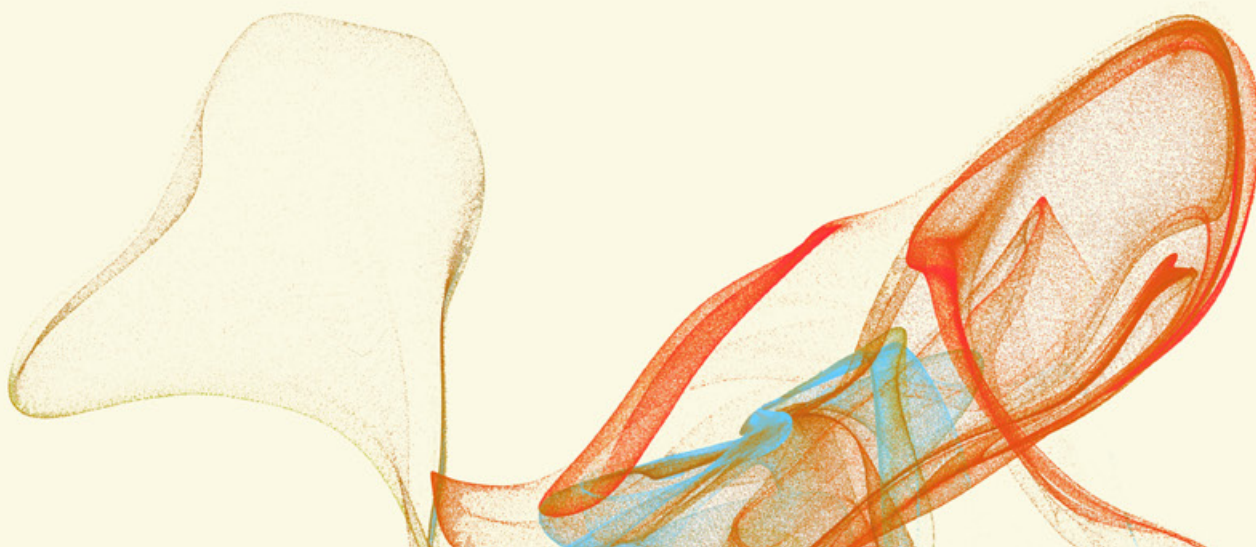
WEDNESDAY, 6th NOVEMBER 2024

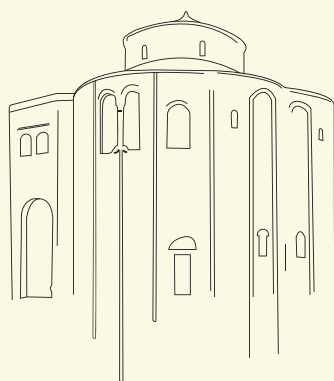
OPTIONAL

Join us for an all-day excursion to Krka National Park, where you'll enjoy a guided tour in English. Explore the fascinating archaeological site of the Roman military camp Burnum, featuring its impressive amphitheater. Lunch box included.

THURSDAY, 7th NOVEMBER 2024

Zadar Guided Tour – Join Professor Antonija Mlikota for an expert-led exploration of Zadar's historic city center





BSA

9th BALKAN SYMPOSIUM OF ARCHEOMETRY
ZADAR 4 - 6 NOVEMBER 2024

Organizers:



Sveučilište u Zadru
University of Zadar



ARHEOLOŠKI
MUZEJ ZADAR



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CENTAR ZA
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Under the auspices
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