

**1ST INTERNATIONAL CONFERENCE WITH WORKSHOP
“SCIENCE FOR CONSERVATION OF THE DANUBE LIMES”
VIMINACIUM, SERBIA, JUNE 27TH – JULY 01ST, 2022
PROJECT MODECO2000 – PROMIS, SCIENCE FUND OF THE REPUBLIC OF SERBIA**

MONDAY, JUNE 27 TH	TUESDAY, JUNE 28 TH	WEDNESDAY, JUNE 29 TH INTERNATIONAL DANUBE DAY	THURSDAY, JUNE 30 TH	FRIDAY, JULY 01 ST
08.30 – 10.00 BREAKFAST / COFFEE AND REGISTRATION	07.00 – 09.00 BREAKFAST / COFFEE	07.00 – 09.00 BREAKFAST / COFFEE	07.00 – 09.00 BREAKFAST / COFFEE	07.00 – 09.00 BREAKFAST / COFFEE
WELCOME AND INTRODUCTORY SPEECHES	PRACTICAL WORKSHOP ON LIME MORTARS	LECTURES	PRACTICAL WORKSHOP ON LIME MORTARS	LECTURES
10.00 – 10.40 MIOMIR KORAC INSTITUTE OF ARCHAEOLOGY, DIRECTOR welcoming guests EMILIJA NIKOLIĆ INSTITUTE OF ARCHAEOLOGY, PI MODECO2000 welcoming guests DUBRAVKA ĐUKANOVIĆ, INSTITUTE FOR THE PROTECTION OF CULTURAL MONUMENTS OF SERBIA BELGRADE, DIRECTOR OFFICIAL REPRESENTATIVES	09.00 – 13.00 NIGEL COPSEY DEMONSTRATION <i>Building Experimental Structures of Brick and Stone with Lime Mortar</i> 13.30 – 14.30 LUNCH BREAK	09.00 – 09.20 IVAN BOGDANOVIĆ <i>Roman Construction Techniques Used on the Viminacium Amphitheatre</i> 09.20 – 09.40 FLORIAN MATEI POPESCU <i>New Archaeological Excavations at the Drobeta Military Amphitheatre</i> 09.40 – 10.00 JASMINA POPOVIĆ RUSIMOVIĆ <i>Restoration of the Ram Fortress</i>	09.00 – 13.00 NIGEL COPSEY DEMONSTRATION <i>Testing Conservation Mortar Mixtures on a Part of an Authentic Structure</i> 13.30 – 14.30 LUNCH BREAK	09.00 – 10.30 BRANKO ORBANIĆ <i>Traditional Lime Production and its Application on the Monuments of Culture – Experience from the Work on Ancient Monuments</i> 10.30 – 10.50 COFFEE BREAK WITH SNACK LECTURES 10.55 – 11.15 MAJA FRANKOVIĆ, VESNA MATOVIĆ, NEVENKA NOVAKOVIĆ <i>Intrinsic Properties of the Limestone Used in the Belgrade Fortress and Their Influence on Degradation Processes</i>
10.40 – 11.00 NEMANJA MRDIĆ, IVANA KOSANOVIĆ, MILICA MARJANOVIĆ <i>Danube Limes in Serbia: on the Way to a UNESCO World Heritage Site – Problems, Challenges and Solutions</i>	LECTURES 14.35 – 15.05 VLADICA CVETKOVIĆ, KRISTINA ŠARIĆ <i>Tuffs of Serbia – What We Need to Know When Characterising Them as Archaeological Raw Material</i>	EXCURSION 10.15 – 11.20 VIMINACIUM – GOLUBAC FORTRESS	LECTURES 14.35 – 15.05 IOANNA PAPAYIANNI <i>Analysis of Ancient Mortars from Roman Monuments in North Greece. Design and Application of Compatible Repair Mortars</i>	11.15 – 11.35 DRAGANA GAVRILOVIĆ <i>Analyses of the Pigments and Plasters on the Examples of Roman Wall Paintings from Sirmium and Viminacium</i> 11.35 – 11.55 MARIA ARGIROVA, GERGANA KABAKCHIEVA, DENITSA YANCHEVA, BISTRA STAMBOLYSKA, NIKIFOR HARALAMPIEV, DIETER FISCHER, ALBENA LEDERER <i>Pigment Identification in the Mural Decoration from the Roman City Ulpia Oescus by Vibrational Spectroscopy and SEM-EDS Analysis</i> 11.55 – 12.15 NIKOLA UNKOVIĆ, ŽELJKO SAVKOVIĆ, MILOŠ STUPAR, ALEKSANDAR KNEŽEVIĆ, IVICA DIMKIĆ, MILICA LJAJEVIĆ GRBIĆ <i>Fungal Proliferation on Fresco Painting: Deterioration of Mortar and Painted Layer</i>
11.00 – 11.20 EMILIJA NIKOLIĆ, MLADEN JOVIČIĆ, IVANA DELIĆ-NIKOLIĆ, LJILJANA MILIČIĆ, SNEŽANA VUČETIĆ, JONJAUA RANOGAJEC <i>Our MoDeCo2000: Results' Overview of the Scientific and Research Project</i>	15.05 – 15.35 KRISTINA ŠARIĆ, SUZANA ERIĆ, VLADICA CVETKOVIĆ, JOSIP ŠARIĆ, DRAGANA ANTONOVIĆ, VESNA BIKIĆ <i>Geological Knowledge in Service to Archaeological Investigations: Rock and Ceramic Findings as Examples</i>	11.30 – 12.30 GOLUBAC FORTRESS TOUR	15.05 – 15.25 SLAVICA VUJOVIĆ, RASTKO VLAJKOVIĆ <i>Holism as a Framework for Understanding and Preserving Heritage – the Example of Bač Cultural Landscape</i> 15.25 – 15.45 BURCU TAŞCI ÖZDEMİR, HASAN BÖKE (Virtual) <i>Raw Material Characterisation of Roman Mortars in Western Anatolia (Turkey)</i>	12.15 – 12.35 IVAN VANJA MARTINOVIĆ <i>Benefits and Limits of DRMS Technology in the Purpose of Designing Repair Mortars by Drilling Resistance Criterion</i> 12.35 – 12.50 COFFEE BREAK WITH SNACK LECTURES 12.55 – 13.15 MARKO NIKOLIĆ, ENA TAKAČ, JELENA ŠČEKIĆ <i>Contemporary Approaches to the Revitalisation, Presentation and Promotion of Cultural and Natural Heritage of the Part of the Roman Limes - Case Study of the Late Antique Tomb in Brestovik</i>
11.20 – 11.40 COFFEE BREAK WITH SNACK	15.35 – 15.55 YOTAM ASSCHER, MICHELE SECCO, GIULIA RICCI, SERGIO TAMBURINI, GILBERTO ARTIOLI (Virtual) <i>Evaluation of Ancient Mortars Hydraulicity through the Characterisation of Long and Short-range Crystallinity</i>	12.40 – 13.45 GOLUBAC FORTRESS - GOLUBINJE	15.45 – 16.05 ALEKSA JELIČIĆ <i>Lime Kiln, Crucible of God</i> 16.05 – 16.25 LJUBOMIR JEVTOVIĆ <i>Ceramic Building Materials of Viminacium</i> 16.25 – 16.45 COFFEE BREAK WITH SNACK	13.15 – 13.35 SILVANA BLAŽEVSKA, ANGELA PENCHEVA (Virtual) <i>Master Conservation Plan for the Archaeological Site of Stobi: Goals and Outcomes</i> 13.35 – 13.55 BOJAN MILJEVIĆ, ALENKA MAUKO PRANJIĆ, SERGEY E. KICHANOV, SNEŽANA VUČETIĆ <i>Computed Tomography as a Tool for Non-destructive Investigation of Cultural Heritage Materials Inner Structure</i> 13.55 – 14.15 ROMAN BALVANOVIĆ <i>Roman, Late Antique and Byzantine Windowpane Glass from 3rd – 6th Century Serbia: Chemical Characteristics, Compositional Groups and Provenance</i> 14.15 – 14.30 CLOSING OF THE EVENT
LECTURES 11.45 – 12.05 MLADEN JOVIČIĆ <i>Researching the Roman Mortars from the Danube Region - Archaeological Perspective of the MoDeCo2000 Project</i>	15.55 – 16.15 LJILJANA DAMJANOVIĆ VASILJIĆ, VESNA BIKIĆ, SRNA STOJANOVIĆ, IVANA RADOSAVLJEVIĆ EVANS, DANICA BAJUK – BOGDANOVIĆ, IVANKA HOLCLAJTNER – ANTUNOVIĆ <i>Physicochemical Characterisation of the Medieval Pottery Excavated in Serbia</i>	14.00 – 17.00 HIKING TO VIEWPOINT PLOČE AND BACK (LUNCH PACKAGE ON THE TOP)	16.25 – 16.45 COFFEE BREAK WITH SNACK	
12.05 – 12.25 SNEŽANA VUČETIĆ, JONJAUA RANOGAJEC, IVANA DELIĆ-NIKOLIĆ, LJILJANA MILIČIĆ, EMILIJA NIKOLIĆ, MLADEN JOVIČIĆ <i>Design of Compatible Mortars for Conservation Interventions</i>	16.15 – 16.35 COFFEE BREAK WITH SNACK	17.15 – 19.05 GOLUBINJE – RAM FORTRESS	LECTURES 16.50 – 17.10 ANA RADIVOJEVIĆ <i>The Role of Brick in the Late Antique Architecture of the Central Balkan Roman Provinces</i> 17.10 – 17.30 IGOR BJELIĆ <i>Construction Methods Applied to the Structures of the Trajan's Bridge over the Danube</i> 17.30 – 17.50 BOJAN POPOVIĆ <i>Reconsidering the Archaeological Site of Glamija – Rikovo, Serbia</i> 17.50 – 18.10 TINO LELEKOVIĆ <i>How to Present the Ancient City of Aelia Mursa?</i> 18.10 – 18.30 HELENA HIRŠENBERGER, SNEŽANA VUČETIĆ, JONJAUA RANOGAJEC <i>Cross-disciplinary Collaboration in Conservation Projects – Managing Key Challenges</i>	14.30 – 15.30 LUNCH
12.25 – 12.45 EUGEN VAIDA, VERONICA VAIDA, ALEXANDRA TEODOR <i>The Ambulance for Monuments - Safeguarding Heritage through Community Engagement</i>	16.40 – 17.00 MARIA STEFANIDOU <i>Technological Characteristics of Fired Bricks from Roman and Byzantine Period in Greece</i>	19.15 – 20.30 RAM FORTRESS TOUR		
12.45 – 13.30 NIGEL COPSEY <i>Rediscovering Traditional Mortars, part 1</i>	17.00 – 17.20 SIMONE DILARIA, CATERINA PREVIATO, JACOPO BONETTO, MICHELE SECCO, DOMENICO MIRIELLO, RAFFAELLA DE LUCCA, GILBERTO ARTIOLI <i>Pyroclastic Rocks in the Structural Mortars of Roman Nora (Sardinia). A Green Material for the Production of Sustainable Concretes in Antiquity</i>			
13.30 – 14.30 LUNCH BREAK	17.20 – 17.40 ANNA ARIZZI <i>Learning from Historic Mortars: Studies on Lime Manufacturing and Fresco Conservation</i> 17.40 – 18.00 MICHELE SECCO, SIMONE DILARIA, GIULIA RICCI, ENRICO GARBIN, SERGIO TAMBURINI, YOTAM ASSCHER, GILBERTO ARTIOLI, CATERINA PREVIATO, JACOPO BONETTO <i>Novel Scientific Perspectives on Ancient Pozzolanicity</i>	20.30 – 21.10 RAM FORTRESS - VIMINACIUM		
LECTURES				
14.35 – 15.20 NIGEL COPSEY <i>Rediscovering Traditional Mortars, part 2</i>				
15.20 – 15.35 COFFEE BREAK	18.00 – 18.20 ANDREJA ŠIRONIĆ (Virtual) <i>Radiocarbon Dating of Historical Mortars</i>	21.10 – 22.30 DINNER	18.30 – 20.00 DINNER	
LECTURES				
15.40 – 16.25 NIGEL COPSEY <i>Rediscovering Traditional Mortars, part 3</i>				
17.00 – 18.30 VIMINACIUM SIGHTSEEING				
18.30 – 20.00 DINNER	18.30 – 20.00 DINNER			
21.00 VIMINACIUM FEST / THEATRE FESTIVAL CLOSING NIGHT IN THE VIMINACIUM AMPHITHEATRE WITH A JAZZ CONCERT				

