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University of Applied Arts Vienna



## 1<sup>ST</sup> STECCI CONFERENCE: PRESERVING CULTURAL HERITAGE IN TIMES OF CLIMATE CHANGE

25<sup>th</sup> – 27<sup>th</sup> September 2025

University of Applied Arts Vienna

Auditorium, Ground Floor, Vordere Zollamtsstraße 7, A-1030 Vienna, Austria

Link to registration:

<https://docs.google.com/forms/d/e/1FAIpQLSfe0pqyVqOlsrRMg5I1w21K3dzf2ESY-FtoeNai-y7U0r0gg/viewform?usp=sharing&ouid=111102069265131800014>

Please note that due to space constraints, registrations for on-site participation will be considered on the first come first serve basis. **Registrations for online participation end on 21.09.2025.**

Those registered to attend the conference online will receive the zoom link on 22.09.2025 by 15:00 CEST.

This programme is subject to change, draft as of 13.08.2025. The subsequent updated versions can be downloaded from <https://steccihorizoneu.com/1st-stecci-conference/>

Contact person:

**Dr. Tanushree Gupta, Conference General Secretary** [tanushree.gupta@uni-ak.ac.at](mailto:tanushree.gupta@uni-ak.ac.at)

## CEST 25.09.2025, THURSDAY

09:00 – 09:30 Registration

09:30 – 09:45 Welcome words  
Prof. Martina Griesser-Stermscheg, Head, Institute of Conservation, University of Applied Arts Vienna (host institution)  
Prof. Gabriela Krist, Chair of Organizing committee, STECCI  
Prof. Nusret Drešković, Chair of Scientific committee, STECCI

09:45 – 10:05 Presentation of HORIZON-CL2-2022-HERITAGE-01 STECCI project 'Stone monument ensembles and the climate change impact – STECCI'  
Nusret Drešković, STECCI Project Coordinator  
Saida Ibragić, STECCI Project Manager

10:05 – 10:35 Coffee break (30 minutes)

TOPIC

CLIMATE CHANGE IMPACTS AND VULNERABILITY ASSESSMENT OF TANGIBLE HERITAGE

10:35 – 10:50 STONE CONSERVATION IN AUSTRIA: CLIMATE CHANGE CHALLENGES AND STRATEGIES FOR EARLY DETECTION AND PREVENTION  
Andrea Hackel, Johann Nimmrichter  
Federal Monuments Authority, Austria

10:50 – 11:05 CARVED IN STONE BUT FADING IN CLIMATE: KÖPPEN CLASSIFICATION AND GIS-BASED ANALYSIS OF STECCI NECROPOLISES  
Nusret Drešković<sup>1</sup>, Edin Bujak<sup>1</sup>, Edin Hrelja<sup>1</sup>, Saida Ibragić<sup>1</sup>, Maja Novković<sup>2</sup>, Snežana Radulović<sup>2</sup>  
<sup>1</sup>University of Sarajevo, Bosnia and Herzegovina  
<sup>2</sup>University of Novi Sad, Serbia

11:05 – 11:20 COMPREHENSIVE CONDITION ASSESSMENT OF STECCI AND REFERENCE SITES: METHODOLOGY AND RESULTS FROM THE STECCI PROJECT  
Marija Milchin<sup>1</sup>, Siniša Bizjak<sup>2</sup>, Katharina Fuchs<sup>1</sup>, Abdelrhman Fahmy<sup>3</sup>, Migueli Chedrewhi<sup>4</sup>, Miona Miliša<sup>2</sup>, Krešimir Bosnić<sup>2</sup>, Stefan Simon<sup>3</sup>, Vincent Thiery<sup>4</sup>, Farkas Pinter<sup>1</sup>  
<sup>1</sup>University of Applied Arts Vienna, Austria  
<sup>2</sup>University of Split, Croatia  
<sup>3</sup>Stiftung Preußischer Kulturbesitz, Rathgen-Forschungslabor der Staatlichen Museen zu Berlin  
<sup>4</sup>Institut Mines-Télécom

11:20 – 11:35 ENVIRONMENTALLY SUSTAINABLE APPROACH IN CONSERVING HISTORICAL DWELLING HOSTING ETHNOGRAPHIC MUSEUM IN KAVAJA  
Lejla Hadžić<sup>1</sup>, Gabriela Krist<sup>2</sup>  
<sup>1</sup>UNOPS  
<sup>2</sup>University of Applied Arts Vienna, Austria

11:35 – 11:50 Discussion (15 minutes)

11:50 – 12:05 SUSTAINABLE CLIMATE CONTROL STRATEGIES FOR COLLECTIONS IN TIME OF CLIMATE CHANGE

Tahmida Afroze  
Bengal Foundation, Bangladesh, and Independent Researcher

12:05 – 12:20 THE CONTRIBUTION OF FIELD-BASED GEOGRAPHY EDUCATION TO THE PRESERVATION OF CULTURAL HERITAGE IN THE CONTEXT OF CLIMATE CHANGE: THE CASE OF THE VIMINACIUM ARCHAEOLOGICAL SITE  
Mina Marković, Ivana Đorđević, Slavoljub Jovanović  
Geography Faculty, University of Belgrade

12:20 – 12:30 Discussion (10 minutes)

12:30 – 13:30 Lunch (60 minutes)

TOPIC  
ADVANCE METHODOLOGIES AND ENVIRONMENTALLY SUSTAINABLE SOLUTIONS IN CULTURAL HERITAGE CONSERVATION

13:30 – 13:45 SUSTAINABLE CONSERVATION OF THE SGRAFFITO FACADE OF THE LITOMYŠL CASTLE  
Zdeňka Míchalová, Kateřina Krhánková, Zuzana Wichterlová, Vladislava Říhová  
University of Pardubice, Czech Republic

13:45 – 14:00 GREEN SKILLS IN HERITAGE CONSERVATION: FROM PRACTICE TO RESEARCH AND TEACHING  
Tanja Kimmel, Marija Milchin  
University of Applied Arts Vienna, Austria

14:00 – 14:15 NON-INVASIVE EXTRACTION OF PROTEINACEOUS BINDERS IN PAINTED ARTIFACTS: A PROTEOMIC APPROACH USING COMPOSITE GELLAN GUM  
Jin Dong, Zhanyun Zhu  
Xiamen University, China

14:15 – 14:30 THERMAL INSULATION OF FACADES OF POST-WAR ARCHITECTURE AND CARE OF EXTERIOR WORKS OF ART IN THE CZECH REPUBLIC  
Vladislava Říhová<sup>1</sup>, Irena Kučerová<sup>2</sup>  
<sup>1</sup>University of Pardubice, Czech Republic  
<sup>2</sup>University of Chemistry and Technology, Czech Republic

14:30 – 14:45 SYNTHESIS OF HYDROXYAPATITE NANOPARTICLES FOR CONSOLIDATION OF HISTORIC MARBLE AND LIMESTONE  
Chaina Singhal, Satish Chandra Pandey  
Indian Institute of Heritage, India

14:45 – 15:00 Discussion (15 minutes)

15:00 – 15:30 Coffee break (30 minutes)

15:30 – 16:00 Lectures by advisory committee members of STECCI  
Véronique Vergès-Belmin, Simon Warrack, Marinos Ioannides

16:00 – 17:00 POSTER SESSION Q&A ONLINE ONLY  
<https://steccihorizoneu.com/1st-stecci-conference/>

LICHEN BIODETERIORATION OF MEGALITHIC HERITAGE IN MANIPUR: AN ASSESSMENT OF RISK AND RESPONSE

Satish Chandra Pandey<sup>1</sup>, Kshetrimayum Kamaljit Singh<sup>2</sup>

<sup>1</sup>Indian Institute of Heritage, India

<sup>2</sup>Kiran Nadar Museum of Art, India

THE INFLUENCE OF CLIMATE CHANGE ON CULTURAL HERITAGE IN THE BORDER AREA OF SERBIA WITH BULGARIA

Marko Sedlak, Vladimir Malinić

University of Belgrade, Serbia

CLIMATE MEETS POLLUTION: DUAL-MODEL MAPPING OF LIMESTONE SURFACE RECESSION ACROSS BIOGEOGRAPHICAL EUROPE

Nusret Drešković<sup>1</sup>, Edin Hrelja<sup>1</sup>, Samir Đug<sup>1</sup>, Saida Ibragić<sup>1</sup>, Božidar Radulović<sup>2</sup>, Snežana Radulović<sup>2</sup>

<sup>1</sup>University of Sarajevo, Bosnia and Herzegovina

<sup>2</sup>University of Novi Sad, Serbia

ASSESSMENT OF CULTURAL LANDSCAPE VULNERABILITY IN THE IBAR VALLEY UNDER CLIMATE CHANGE CONDITIONS: A GIS-BASED APPROACH

Nikola Smolovic

University of Belgrade, Serbia

CONSERVING OC EO CULTURAL HERITAGE UNDER CLIMATE STRESS: A CASE STUDY FROM THE MEKONG DELTA, VIETNAM

Quang Khanh Nguyen

The Kien Giang Museum, Vietnam

CLIMATE CHANGE AND ITS IMPACT ON STEĆCI IN THE TERRITORY OF BOSNIA AND HERZEGOVINA

Nusret Dreskovic<sup>1</sup>, Edin Hrelja<sup>1</sup>, Snezana Radulović<sup>2</sup>, Amina Sivic<sup>1</sup>, Ahmed Džaferagić<sup>1</sup>

<sup>1</sup>University of Sarajevo, Bosnia and Herzegovina

<sup>2</sup>University of Novi Sad, Serbia

STONE DURABILITY UNDER CLIMATIC INFLUENCES: A CASE STUDY OF THE YUGOSLAV MONUMENT AT THE MAUTHAUSEN MEMORIAL

Desimir Tanović, Ana Tkalac, Dunja Svilar Dujković

Institute for the Protection of Cultural Monuments in Serbia, Belgrade

COHESION AND SUSTAINABILITY OF CULTURAL HERITAGE IN THE FACE OF THE CHALLENGES OF CLIMATE CHANGE

Nevena Ćurčić<sup>1</sup>, Vesela Radović<sup>2</sup>

<sup>1</sup>University of Novi Sad, Serbia

<sup>2</sup>University of Belgrade, Serbia

ACCESSING VULNERABILITY: THE IMPACT OF EXTREME WEATHER EVENTS ON CULTURAL HERITAGE SITES IN SERBIA

Vesela Radović<sup>1</sup>, Nevena Ćurčić<sup>2</sup>

<sup>1</sup>University of Belgrade, Serbia

<sup>2</sup>University of Novi Sad, Serbia

**CEST 26.09.2025, FRIDAY**

08:30 – 09:00 Registration

TOPIC  
**DIGITALIZATION OF CULTURAL HERITAGE**

09:00 – 09:15 THE IMPORTANCE OF PARADATA IN DIGITAL CULTURAL HERITAGE ACQUISITION  
Anthony Cassar  
Heritage Malta, Malta

09:15 – 09:30 MULTI-MODAL NEURAL RENDERING FOR 3D SURFACE RECONSTRUCTION OF  
STEĆCI TOMBSTONES  
Luka Škerjanec, Saša Čaval  
Research Centre of the Slovenian Academy of Sciences and Arts, Slovenia

09:30 – 09:45 REPATRIATION WITHOUT THE OBJECT: 3D REPLICAS AND THE QUESTION OF  
RETURN  
Šárka Vyhnánková  
The Wallachian Regional Museum, Czech Republic

09:45 – 10:00 3D DOCUMENTATION OF STEĆCI USING HIGH-RESOLUTION HANDHELD  
SCANNERS AND CLOSE-RANGE PHOTOGRAMMETRY FOR CULTURAL HERITAGE  
PRESERVATION  
Ivan Marić<sup>1</sup>, Fran Domazetović<sup>1</sup>, Ante Šiljeg<sup>1</sup>, Aida Avdić Marić<sup>2</sup>, Mario Katić<sup>1</sup>  
<sup>1</sup>University of Zadar, Croatia  
<sup>2</sup>University of Sarajevo, Bosnia and Herzegovina

10:00 – 10:15 USE OF PHOTOGRAMMETRY FOR THE SURVEY AND CONSERVATION OF THE  
SIR ROBERT CLAYTON STATUE  
Albert Traby  
Cliveden Conservation, United Kingdom

10:15 – 10:30 THE DIGITIZATION OF MUSEUM COLLECTIONS AND ITS CHALLENGES IN  
PAKISTAN  
Sana Durrani, Shahab Ansari  
Walled City Lahore Authority, Lahore, Pakistan

10:30 – 10:45 DIGITAL STRATEGIES FOR THE DOCUMENTATION AND INTERPRETATION OF  
MONUMENTAL FUNERARY LANDSCAPES: THE MONUMENTAL CEMETERY OF  
PERUGIA  
Eleonora Dottorini  
University of Perugia, Italy

10:45 – 11:00 Discussion (15 minutes)

11:00 – 11:15 Coffee break (15 minutes)

TOPIC  
**SOCIAL AND ECONOMIC IMPACT OF CLIMATE CHANGE ON CULTURAL HERITAGE**

11:15 – 11:30 CO-CREATION AND CITIZEN SCIENCE: COMMUNITY-BASED IMPACT STRATEGIES  
FOR A SUSTAINABLE ECOSYSTEM OF STEĆCI  
Pamela Barta, Gabor Szüdi  
Centre for Social Innovation, Vienna, Austria

- 11:30 – 11:45 VALUING HERITAGE IN A CHANGING CLIMATE THROUGH WILLINGNESS TO PAY AND ECONOMIC VALUATION OF STEĆCI PRESERVATION IN MONTENEGRO  
Kruna Ratković, Nataša Kovač, Milika Mirković, Vojin Golubović  
University of Donja Gorica, Montenegro
- 11:45 – 12:00 SOCIAL AND ECONOMIC IMPACTS OF CLIMATE CHANGE ON CULTURAL HERITAGE OF ALBANIA  
Elona Shehu, Eni Nasi  
Mediterranean University of Albania, Albania
- 12:00 – 12:15 GLOBAL STANDARDS LOCAL REALITIES: A CRITICAL STUDY OF UNESCO'S HERITAGE POLICIES IN THAILAND  
Victoria Michlmayer  
Heeresgeschichtliches Museum, Austria, and DIB Bangkok – International Contemporary Art Museum, Thailand
- 12:15 – 12:30 Discussion (15 minutes)
- 12:30 – 13:30 Lunch (60 minutes)
- 13:30 – 13:45 AESTHETIC, PARTICIPATORY AND SUSTAINABLE? THE NEW EUROPEAN BAUHAUS FOR CULTURAL HERITAGE RESEARCH AND GOVERNANCE  
Pamela Bartar, Philipp Brugner  
Centre for Social Innovation, Vienna, Austria
- 13:45 – 14:00 TOURISMOLOGICAL VALORIZATION OF THE MEDIEVAL TOMBSTONES (STEĆCI) FROM JAJCE, BOSNIA AND HERZEGOVINA  
Dragan Glavaš<sup>1</sup>, Edin Bujak<sup>2</sup>  
<sup>1</sup>PI "Agency for cultural, historical and natural heritage and development of tourism potentials of the town Jajce"  
<sup>2</sup>University of Sarajevo, Bosnia and Herzegovina
- 14:00 – 14:15 THE VISUAL LANGUAGE OF THE STECCI ICONOGRAPHIC ANALYSIS, ARCHAEOLOGICAL SURVEY AND CULTURAL IDENTITY  
Marina Prusac Lindhagen  
University of Oslo, Norway
- 14:15 – 14:30 BALANCING LIVING TRADITIONS AND MATERIAL AUTHENTICITY: SUSTAINABLE CONSERVATION PRACTICES IN THE KATHMANDU VALLEY  
Rohit Ranjitkar  
Kathmandu Valley Preservation Trust, Nepal
- 14:30 – 14:45 SWISS CHALLENGES ON CLIMATE RESILIENT BUILT HERITAGE  
Nina Mekacher<sup>1</sup>, Giacinta Jean<sup>2</sup>, Francesca Piqué<sup>2</sup>, Cristian Scapozza<sup>2</sup>  
<sup>1</sup>Bern University of Applied Sciences / Bern Academy of the Arts, Switzerland  
<sup>2</sup>Scuola universitaria professionale della Svizzera italiana (SUPSI), Switzerland
- 14:45 – 15:00 Discussion (15 minutes)
- 15:00 – 15:30 Coffee break (30 minutes)
- 15:30 – 16:30 POSTER SESSION Q&A ONLINE ONLY  
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ON-SITE EVALUATION OF THE PRESERVATION OF HUMAN BONES UNEARTHED  
IN XI 'AN AREA

Ling Xue, Xi Yihang

Northwest University, Xi'an City, China

URGENT DOCUMENTATION AND PRESERVATION STRATEGIES FOR KERALA'S  
OUTDOOR TEMPLE MURALS: CHALLENGES AND CASE STUDIES FROM SOUTH  
INDIA

Moupi Mukhopadhyay

Independent Scholar

CARVED IN STONE, CHALLENGED BY CHANGE: PARTICIPATORY PERSPECTIVES  
ON THE FUTURE OF STEĆCI

Amina Sivac, Nusret Drešković, Saida Ibragić, Edin Bujak, Edin Hrelja, Muniba  
Osmanović

University of Sarajevo, Bosnia and Herzegovina

THE TOURISM POTENTIAL OF THE CULTURAL AND HISTORICAL HERITAGE OF  
THE PAVLOVIĆ LAND: A PROPOSAL FOR A CULTURAL ROUTE FOR THE  
PROMOTION AND PRESERVATION OF HERITAGE

Mariana Lukić Tanović, Sanda Šušnjar, Milka Grmuša, Jelena Golijanin, Mitar  
Krsmanović, Bojan Krunić, Aleksandar Milekić, Rade Ivanović

University of East Sarajevo, Bosnia and Herzegovina

THE INFLUENCE OF ALTITUDE ON THE PRESERVATION OF STEĆAK  
TOMBSTONES IN THE TUZLA CANTON

Edin Hadžimustafić

University of Tuzla, Bosnia and Herzegovina

CULTURAL HERITAGE AND URBAN PLANNING: PRESERVATION OF HISTORICAL  
MONUMENTS IN ULAANBAATAR

Dondov Ulziybayar

Mongolian National University of Culture and Arts, Mongolia

PREPAREDNESS IN CONSERVATION PRACTICE: LOCAL ADAPTATIONS OF  
GLOBAL FRAMEWORKS

Prathamesh Pawar, Pornanok Sadakorn

SAC Conservation Lab, Thailand

INTEGRATING CULTURAL HERITAGE IN CLIMATE POLICY: CHALLENGES AND  
OPPORTUNITIES IN KOSOVO

Arian Tahiri

Kosovska Mitrovica Municipality, Kosovo

16:30 – 17:00 Summary and Closing

**CEST 27.09.2025, SATURDAY**

10:00 [Excursions](#)

Walking tour of the 1st district, guided by Marija Milchin and Katharina Fuchs, 20 places  
Museum of Applied Arts, guided by Rainald Franz, 20 places

Schloss Schönbrunn, guided by Martin Mutschlechner, 20 places

Votivkirche, guided by Gabriela Krist, 20 places