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University of Applied Arts Vienna



1ST STECCI CONFERENCE: PRESERVING CULTURAL HERITAGE IN TIMES OF CLIMATE CHANGE

25th – 27th 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/1FAIpQLSfe0pqyvVqOlsrRMg5I1w21K3dzf2ESY-FtoeNai-y7U0r0gq/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

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 Drešković¹, Edin Bujak¹, Edin Hrelja¹, Saida Ibragić¹, Maja Novković², Snežana Radulović²
¹University of Sarajevo, Bosnia and Herzegovina
²University of Novi Sad, Serbia

11:05 – 11:20 COMPREHENSIVE CONDITION ASSESSMENT OF STECCI AND REFERENCE SITES: METHODOLOGY AND RESULTS FROM THE STECCI PROJECT
Marija Milchin¹, Siniša Bizjak², Katharina Fuchs¹, Abdelrhman Fahmy³, Migueli Chedrewih⁴, Miona Miliša², Krešimir Bosnić², Stefan Simon³, Vincent Thiery⁴, Farkas Pinter¹
¹University of Applied Arts Vienna, Austria
²University of Split, Croatia
³Stiftung Preußischer Kulturbesitz, Rathgen-Forschungslabor der Staatlichen Museen zu Berlin
⁴Institut Mines-Télécom

11:20 – 11:35 ENVIRONMENTALLY SUSTAINABLE APPROACH IN CONSERVING HISTORICAL DWELLING HOSTING ETHNOGRAPHIC MUSEUM IN KAVAJA
Lejla Hadzic¹, Gabriela Krist²
¹UNOPS
²University 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 Říhová¹, Irena Kučerová²
¹University of Pardubice, Czech Republic
²University 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
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LICHEN BIODETERIORATION OF MEGALITHIC HERITAGE IN MANIPUR: AN ASSESSMENT OF RISK AND RESPONSE

Satish Chandra Pandey¹, Kshetrimayum Kamaljit Singh²

¹Indian Institute of Heritage, India

²Kiran 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 Drešković¹, Edin Hrelja¹, Samir Đug¹, Saida Ibragić¹, Božidar Radulović², Snežana Radulović²

¹University of Sarajevo, Bosnia and Herzegovina

²University 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 Dreskovic¹, Edin Hrelja¹, Snezana Radulović², Amina Sivac¹, Ahmed Džaferagić¹

¹University of Sarajevo, Bosnia and Herzegovina

²University 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 Ćurčić¹, Vesela Radović²

¹University of Novi Sad, Serbia

²University of Belgrade, Serbia

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

Vesela Radović¹, Nevena Ćurčić²

¹University of Belgrade, Serbia

²University 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 Marić¹, Fran Domazetović¹, Ante Šiljeg¹, Aida Avdić Marić², Mario Katić¹
¹University of Zadar, Croatia
²University 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 Bartar, 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 Glavaš¹, Edin Bujak²
¹PI "Agency for cultural, historical and natural heritage and development of tourism potentials of the town Jajce"
²University 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 Mekacher¹, Giacinta Jean², Francesca Piqué², Cristian Scapozza²
¹Bern University of Applied Sciences / Bern Academy of the Arts, Switzerland
²Scuola 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 Ulziiybayar

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