



HS Academy

2nd Doctoral Summer School

17-21 JULY 2023

ZAG, Ljubljana (Slovenia)



IPERION HS
2nd DOCTORAL SUMMER SCHOOL
ORGANIZED BY
SLOVENIAN NATIONAL BUILDING AND CIVIL ENGINEERING INSTITUTE (ZAG)

ENVIRONMENTAL IMPACT ON BUILT HERITAGE AND ITS DIGITALIZATION

ZAG, Dimičeva 12, Ljubljana, Slovenia
17-21 July 2023

What it is

The IPERION HS Doctoral Summer Schools are part of the IPERION Academy and provide a learning multidisciplinary interactive experience in the field of Heritage Science. Each year they are organized by different institutions on different focuses. Theoretical and technical lectures are imparted by a wide range of international experts in the field of Heritage Science. All lectures are intended to provide an overview of the state-of-the-art as well as specific details of their topic.

In particular, the 2nd IPERION HS Doctoral Summer School (HS-DSS) is aimed at providing examples of excellence in heritage science in the environmental impact on built heritage and its digitalization. The HS-DSS will comprise four intensive days of lectures, during which participants will become acquainted with the multidisciplinary skills of the IPERION HS consortium and knowledge accumulated by the partners.

Issues such as materials and procedures for low environmental impacts, new methods for preservation of buildings and structures, digitalization and social and economical impacts will be presented and discussed.

Lectures and study tours will be adapted to an interdisciplinary plateau of learners by focusing more on problem solving than on the specific adopted scientific methods/techniques.



For whom

The 2nd IPERION HS Doctoral Summer School is open to postgraduate, PhD students, post-docs and practitioners, in particular early career researchers involved in heritage science studies on built heritage.

HS-DSS is particularly aimed at potential users of the IPERION HS trans-national access (TNA) program (<http://www.iperionhs.eu/catalogue-of-services/>). They will understand the importance of being able to access to large and medium scale facilities, mobile laboratories, and data archives within a European dimension.

Participants must be keenly motivated to actively participate and must be available for the whole duration of the summer school. All sessions will be conducted in English. Therefore, fluency in written and spoken English is essential.

Programme

1. Materials and procedures for low environmental impacts
2. New methods in the preservation of buildings and structures
3. Digitalization of built heritage
 - Social and economical impacts

Two visits of demonstration sites (excursions) are foreseen during summer school. Admitted participants will be provided with a copy of the lecturers' presentations and copies of related publications.

Venue

The HS-Doctoral Summer School will be located at ZAG (Slovenian National Building and Civil Engineering Institute), Dimičeva 12, Ljubljana, Slovenia.

Schedule

Lectures will start Monday the 17th at 9 am CET and will end up on Thursday the 20th at 5pm CET.

A detailed HS-DSS programme will be made available in the second announcement due to be ready by **June 6, 2023**.

Doctoral Summer School Fees

No registration fee is required.





Registration

Registration is limited to **80 participants**, who will be selected by the HS-DSS steering committee from the candidate pool based on merits, educational and research background and other criteria. Early applications will be given priority.

The extended application deadline **June 12, 2023** (before the deadline was May 12, 2023). Selected participant will be informed of their acceptance **by June 16, 2023**.



To ask for further information please contact katja.zagar@zag.si (secretary of the conference) or tamara.zelimorski@zag.si (public relations).

Certificate of attendance

A certificate of attendance will be provided to all the participants.

Organising committee

Katja Rebec Malovrh, Coordinator, ZAG – University of Ljubljana, Slovenia

Andraž Legat, ZAG - University of Ljubljana, Slovenia

Mateja Golež, ZAG – University of Ljubljana, Slovenia

Lidija Korat, ZAG, Slovenia

Matija Strlič, University of Ljubljana, Slovenia

Rocco Mazzeo, University of Bologna, Italy

Polonca Ropret, ZVKDS, Slovenia

Jana Striova, IPERION HS Coordination Office (co@iperionhs.eu)

Steering committee

Rocco Mazzeo, University of Bologna, Italy

Adam Gibson, University College London, United Kingdom

Matija Strlič, University of Ljubljana, Slovenia

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Mateja Golež, ZAG, Slovenia

Katja Rebec Malovrh, ZAG, Slovenia

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JoAnn Cassar, University of Malta, Malta

Elizabeth Muscat Azzopardi, University of Malta, Malta

Ralf Kilian, Fraunhofer-Institut für Bauphysik IBP, Germany

Daniel Garcia Martinez, Centro Nacional de Investigación sobre la Evolución Humana,
Spain

Mark Sier, Centro Nacional de Investigación sobre la Evolución Humana, Spain

Gill Campbell, Historic England, United Kingdom



HS Academy

<http://www.iperionhs.eu/academy-events/>

