

# STREMAH 2021

**WIT**  
CONFERENCES  
Call for Papers

**17<sup>th</sup> International Conference on Studies, Repairs and  
Maintenance of Heritage Architecture**

**26 – 28 May 2021 | Rome, Italy**

**Organised by**

Wessex Institute, UK

Link Campus University, Italy

**Sponsored by**

WIT Transactions on the Built Environment



[www.witconferences.com/stremah2021](http://www.witconferences.com/stremah2021)



STREMAH 2021 is the 17<sup>th</sup> International Conference on Studies, Repairs and Maintenance of Heritage Architecture. The meeting has taken place on a regular basis since the first conference started in Florence (1989) and continued in Seville (1991); Bath (1993); Crete (1995); San Sebastian (1997); Dresden (1999); Bologna (2001); Halkidiki (2003); Malta (2005); Prague (2007); Tallinn (2009); Tuscany (2011), the New Forest, UK home of the Wessex Institute (2013), A Coruna, Spain (2015), Alicante, Spain (2017) and Seville, Spain (2019).

The importance of retaining the built cultural heritage cannot be overstated. Rapid development and inappropriate conservation techniques are threatening many heritage unique sites in different parts of world. This conference aims to provide the knowledge required to formulate regulatory policies, to ensure effective ways of preserving the architectural heritage. The series has been most successful and the conference continues to attract a wide range of high quality contributions since it started in 1989.

The meeting addresses a series of topics related to the historical aspects and the reuse of heritage buildings, as well as technical issues on the structural integrity of different types

of buildings, such as those constructed with materials as varied as iron and steel, concrete, masonry, wood or earth. Restoration processes require the appropriate characterisation of those materials, the modes of construction and the structural behaviour of the building. This knowledge can be gained through a series of material characterisation techniques, preferably via non-destructive tests. Modern computer simulation can provide accurate results demonstrating the stress state of the building and possible failure mechanisms affecting its stability. Of particular importance are studies related to their dynamic and earthquake behaviour aiming to provide an assessment of the seismic vulnerability of heritage buildings.

This conference brings together contributions from scientists, architects, engineers and restoration experts from all over the world dealing with different aspects of heritage buildings.

Papers contained in the volumes in the series have been published in paper and digital format, and widely distributed around the world. They are also permanently archived in the Wessex Institute eLibrary where they are available to the international community (<https://www.witpress.com/elibrary>).

## Conference Topics

The following list covers some of the topics to be presented at the conference. Papers on other subjects related to the objectives of the meeting are also welcome.

### **Heritage architecture and historical aspects**

#### **Learning from the past**

#### **Maintenance and conservation issues**

#### **Rehabilitation of metallic and concrete structures**

#### **Earth construction**

#### **Modern (19th/20th century) heritage**

#### **Ports and coastal heritage**

#### **Heritage masonry structures**

#### **Wooden structures**

#### **Simulation and modelling**

#### **New technologies and materials**

#### **Seismic vulnerability and retrofit**

### **Management and assessment of heritage buildings**

#### **Re-use of heritage buildings**

#### **Heritage and tourism**

#### **Guidelines, codes and regulations for heritage**

#### **Defence heritage**

#### **Industrial heritage**

#### **Transportation heritage**

#### **Social, cultural and economic aspects**

#### **Adaptability and accessibility**

#### **Monitoring and damage detection**

#### **Vernacular architecture**

## Benefits of Attending

### USB Drive

Delegates will receive a USB drive at the conference containing the presented papers.

### Publication

Papers presented at STREMAH 2021 are to be published in a Volume of WIT Transactions on the Built Environment (ISSN 1743-3509). The publication will be available in both electronic and hard copy.

### Indexing

The WIT Transactions are DOI registered with CrossRef and are currently listed in indexing services such as Scopus and Google Scholar, as well as being submitted to the Web of Science. All conference books are listed in the British Library and American Library of Congress.

### Open Access and Digital Archive

All conference papers are archived permanently on our electronic library where they can be downloaded for free. ([www.witpress.com/elibrary](http://www.witpress.com/elibrary))

### Peer Review

To ensure the quality of our publications, abstracts and papers are double peer-reviewed by members of the International Scientific Advisory Committee and other experts, with manuscripts processed through CrossRef Similarity Check to screen for plagiarism.

### Reduced Fee for PhD Students

The Wessex Institute believes in the importance of encouraging PhD students to present and publish innovative research at its conferences. As a result, the Institute offers PhD students a much-reduced conference fee.

### Networking

Participants can present their research and interact with experts from around the world, as part of a unique community.

### Journal Publication Opportunity

After the conference, delegates will be invited to submit an enhanced version of their conference paper to one of the WIT Press International Journals.

## Location

The Italian capital, Rome, boasts an unrivalled 3,000 year heritage of globally influential art, architecture and culture. The city is home to iconic historic landmarks, including the ancient ruins of the Colosseum and the Roman Forum, and abounds with world-class museums such as the Vatican Museums and the Borghese Gallery. As well as substantial Roman remains, significant Baroque and Renaissance buildings pepper the city centre. Today, Rome is not only a cultural centre, but also a commercial, financial and educational hub that has successfully retained its traditional culture and regional cuisine.



## Venue

Link Campus University was established in 1999 in Rome. The University is characterized by its strong international presence and integration between the university and the world of work. Link Campus University boasts a training program characterised by an innovative methodological approach, as well as well-structured teaching capable of dealing with new problems in the economic, legal, political and communication fields. Link Campus University is situated in a magnificent historical complex, the Manor of San Pio V.



## Honorary Chairmen

### **Vincenzo Scotti**

President of Link Campus University, Italy

### **Carlo Maria Medaglia**

President of Undergraduate and Graduate School of Link Campus University, Italy

## Local Organiser Chair

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### **Antonio Galiano Garrigos**

University of Alicante, Spain

## Conference Chairman

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Czech Technical University of Prague, Czech Republic

### **Claudia Vitone**

Polytechnic University of Bari, Italy

## Submission Information

### **Abstracts of no more than 300 words should be submitted as soon as possible.**

Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper which, if accepted for publication, must be presented at the conference.

The language of the conference will be English.

### **Online submission:**

[www.witconferences.com/stremah2021](http://www.witconferences.com/stremah2021)

### **Conference Secretariat**

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For more information visit: [www.witconferences.com/stremah2021](http://www.witconferences.com/stremah2021)