

STREMAH 2019

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Call for Papers



**16th International Conference on Studies, Repairs and
Maintenance of Heritage Architecture**

7 – 9 October 2019 | Seville, Spain

Organised by

Wessex Institute, UK

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WIT Transactions on the Built Environment

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STREMAH 2019 is the 16th 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) and Alicante, Spain (2017).

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 meeting addresses a series of topics related to the historical aspects and 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 in the series have been published in paper and digital format, and widely distributed around the world. They are permanently archived in the Wessex Institute eLibrary www.witpress.com/elibrary.

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Benefits of Attending

Publication of Papers Papers presented at STREMAH 2019 will be published by WIT Press in a Volume of WIT Transactions. Selected papers will appear in an Issue of one of our journals instead.

Reviews Abstracts and papers are reviewed by members of the International Scientific Advisory Committee and other experts.

Open Access WIT Press is an advocate of Open Access which offers maximum dissemination of your work. All WIT Transactions and Journal papers can be downloaded for free of charge from the WIT eLibrary (www.witpress.com/elibrary).

Indexing and Archiving Papers presented at Wessex Institute conferences are referenced by CrossRef and have appeared in notable reviews and databases. Papers are submitted to various indexing services such as Web of Science, Google Scholar and Scopus. All conference books are listed in the British Library and American Library of Congress.

Conference Proceedings At registration delegates will be given copies of the papers presented at the Conference on a USB Flash drive. Following the Conference, delegates will receive an electronic copy of the final publication in which their paper has been published.

Digital Archive All conference papers are archived online in the WIT eLibrary (www.witpress.com/elibrary) where they are permanently and freely available to the international scientific community.

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

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.

Conference Topics

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

Heritage architecture and historical aspects

Learning from the past

Surveying and monitoring

Maintenance issues

Rehabilitation of metallic structures

Earth construction

Modern (19th/20th century) heritage

Ports and coastal heritage

Heritage masonry structures

Wooden structures

Simulation and modelling

Material characterization

New technologies and materials

Corrosion and material decay

Seismic vulnerability and retrofit

Management and assessment of heritage buildings

Re-use of heritage buildings

Heritage and tourism

Conservation policies

Guidelines, codes and regulations for heritage

Heritage management

Defence heritage

Industrial heritage

Transportation heritage

Social, cultural and economic aspects

Adaptability and accessibility

Monitoring and damage detection

Vernacular architecture



Location

Seville is the capital of the Andalusia region and is situated on the river Guadalquivir. The city is more than 2,200 years old and has a distinct personality and a large and well-preserved historical centre. The old town contains three world heritage sites: the Minaret of La Giralda, the General Archive of the Indies and the Alcázar Palace. The city is also home to many convents, churches, palaces, museums and gardens including the Museum of Fine Arts, Parque de María Luisa and the Gothic Cathedral which is the site of Christopher Columbus's

tomb. It is believed that flamenco originated in Seville, and there are many flamenco shows on offer all over the city, as well as the museum dedicated to the art.

Conference Venue

The conference will take place at the Hotel Meliá Sevilla, located in the heart of Seville and situated in a privileged location opposite the Parque de María Luisa and Plaza España. The hotel has good transport links by bus, tram and train. The hotel also has an outdoor pool and fitness area.

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/stremah2019

Conference Secretariat

Stephanie Everest
severest@wessex.ac.uk

Wessex Institute

Ashurst Lodge, Ashurst
Southampton, SO40 7AA, UK

Tel: +44 (0) 238 029 3223
Fax: +44 (0) 238 029 2853

