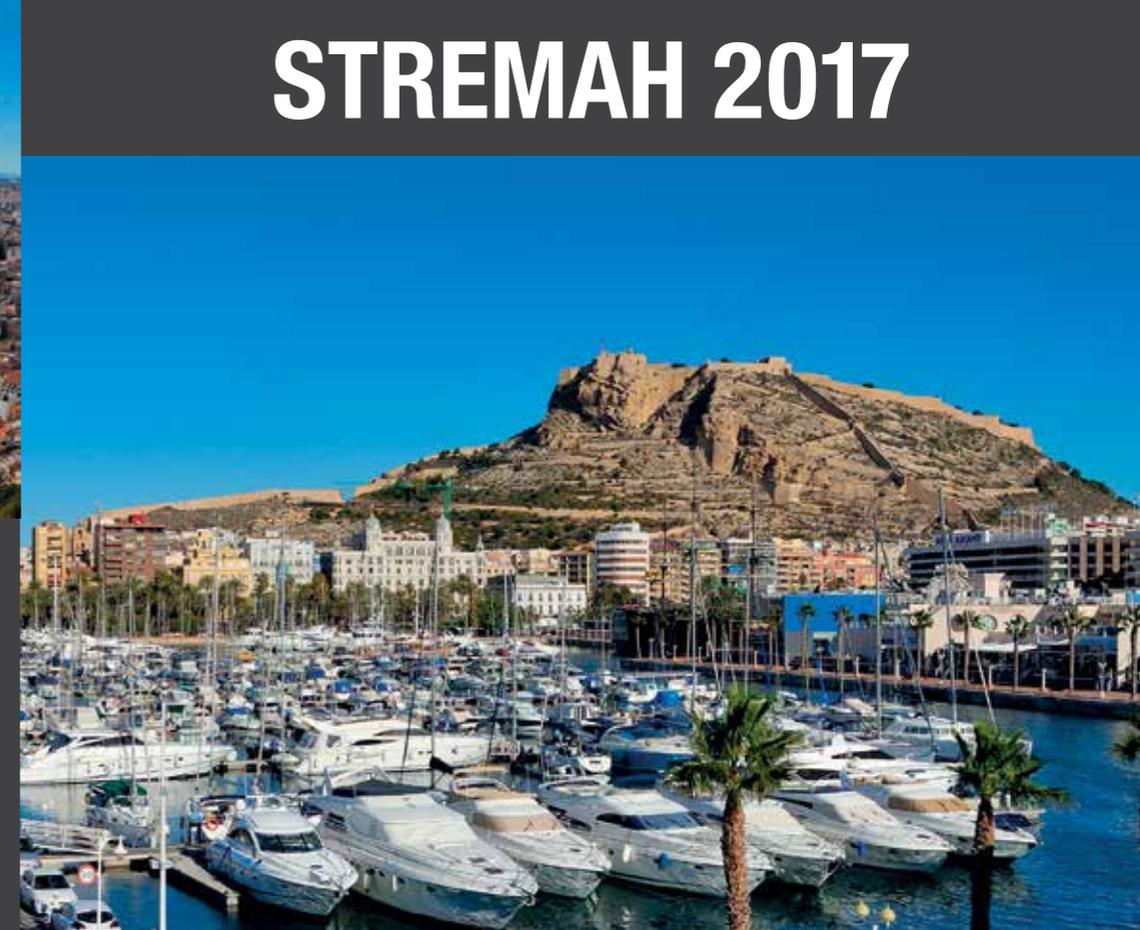


University of Alicante

The University of Alicante, since its opening in October 1979, has become a representative institution for its territory. At the time it was planned, the campus laid in between Valencia and Murcia, two important university centres. It had its origin in a University Study Centre (CEU) and by moving it to the level of University, Alicante recovered its former studies centre, formerly based in Orihuela from 1547 until it was suspended in 1834.

Built upon an old military base situated in San Vicente del Raspeig, a small town near Alicante, the campus has suffered several urban developments to expand it in the form of a reinterpretation of the Radburn Plan (Henry Wright & Clarence Stein, 1928). It is nowadays an academic garden city with buildings of remarkable architectonic interest surrounded by a service roadway.

Since 1980, the campus of The University of Alicante has markedly changed its orientation towards a wider and more diverse community. It is currently formed by 3.800 professionals in between lecturers and administration staff, almost 32.000 students in official studies and comprehends several venues through the province of Alicante including scientific stations, six faculties, twelve academic institutes and fifty-nine academic departments.



STREMAH 2017

Location

Located on the east coast of Spain and a part of the Costa Blanca, Alicante is a city which combines history with a lively coastline and beaches. The popular Postiguet beach and excellent climate attract many tourists every year; however the city has much more to offer with an old centre containing historic churches, art and archaeological museums, and traditional narrow shopping streets with many bars, restaurants and cafes. Close to the old town, the dramatic Castillo de Santa Barbara offers excellent views of the city and coastline from its elevated position, and is one of the Spain's largest medieval fortresses. The city also plays host to many varied events and fiestas throughout the year.

Conference Venue

The conference will take place at the University of Alicante, founded in October 1979. The University is located in the most strategic area of the province and has good transport links. The campus is one million square metres with the best urban design and innovative architecture in a framework of environmental excellence. The university has a firm commitment to innovation & technology, and culture & heritage.

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/stremah2017

Conference Secretariat
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For more information visit: www.witconferences.com/stremah2017

15th International Conference on Studies, Repairs and Maintenance of Heritage Architecture

9 – 11 May 2017
Alicante, Spain

Organised by

University of Alicante, Spain
Istanbul Technical University, Turkey
Wessex Institute, UK

Sponsored by

WIT Transactions on the Built Environment
International Journal of Heritage Architecture

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CALL FOR PAPERS

WIT
CONFERENCES



STREMAH 2017 is the 15th International Conference on Studies, Repairs and Maintenance of Heritage Architecture. The meeting has taken place regularly since the first conference started in Florence (1989), continuing 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) and A Coruña, Spain (2015).

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 the world.

This conference aims to provide the knowledge required to formulate regulatory policies, to ensure effective ways of preserving 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 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 in the WIT transactions of the Built Environment, and widely distributed around the world. They are also permanently archived in the Wessex Institute eLibrary where they are available to the international community at www.witpress.com/elibrary.

Benefits of Attending

Publication of Papers: Papers presented at STREMAH 2017 are to be published by WIT press in a Volume of WIT Transactions. Selected papers will appear in a special Issue of the International Journal of Heritage Architecture (ISSN: 2058-8321 Digital ISSN: 2058-833X). Abstracts and papers will be 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. WIT Transactions and Journal papers can be downloaded for free (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 Thomson Reuters Web of Science, Google Scholar, Scopus and ProQuest. All conference books are listed in the British Library and American Library of Congress.

Conference Proceedings: Delegates will receive a copy of the papers presented at the Conference on a USB Flash drive. The USB will, in addition, contain papers from previous conferences in this series. Following the Conference, authors will receive an electronic copy of the 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 easily and permanently available to the international community.

Networking: Participants can present their research and interact with experts from around the world, becoming 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 their conferences. As a result, the Institute offers PhD students a much reduced conference fee.

Conference Topics

The following list covers some of the topics to be presented at STREMAH 2017. 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

Conference Chairmen

V Echarri
University of Alicante, Spain

C A Brebbia
Wessex Institute, UK

International Scientific Advisory Committee

J Awad
Ajman University of Science and Technology, UAE

M Bagader
University of Manchester, UK

J Bakowski
Gdansk University of Technology, Poland

L Basset
Polytechnic University of Valencia, Spain

M T Broseta Palanca
Polytechnic University of Valencia, Spain

R Brueckner
Mott MacDonald, UK

R Cerny
Czech Technical University Prague, Czech Republic

D Constantinescu
Politehnica University of Bucharest, Romania

C Cuadra
Akita Prefectural University, Japan

F De Maio
Università IUAV di Venezia, Italy

W P De Wilde
Free University of Brussels, Belgium

K El Harrouni
École Nationale d'Architecture, Morocco

F Fatiguso
Polytechnic University of Bari, Italy

L Fiala
Czech Technical University Prague, Czech Republic

C C Fu
National Cheng Kung University, Taiwan

F Garzia
University of Rome "La Sapienza", Italy

L F Guerrero Baca
Autonomous Metropolitan University, Mexico

A Guida
University of Basilicata, Italy

S Hernandez
University of A Coruña, Spain

M Holicky
Czech Technical University Prague, Czech Republic

B Kazimee
Washington State University, USA

P Lambert
Mott MacDonald, United Kingdom

R Leone
University of Messina, Italy

J Lluís i Ginovart
Rovira i Virgili University, Spain

J Madera
Czech Technical University Prague, Czech Republic

F Minutoli
University of Messina, Italy

C Osasona
Obafemi Awolowo University, Nigeria

O Ozcevik
Istanbul Technical University, Turkey

A Pagliuca
University of Basilicata, Italy

F Palmisano
Polytechnic University of Bari, Italy

J Poplatek
Gdansk University of Technology, Poland

C Rubio Bellido
University of the Bio-Bio, Chile

N Saglar Onay
Istanbul Technical University, Turkey

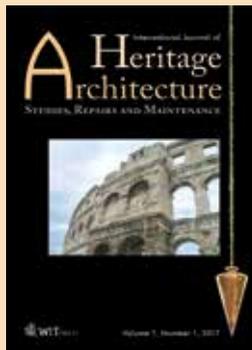
S Sener
Istanbul Technical University, Turkey

S Sorace
University of Udine, Italy

M Sykora
Czech Technical University Prague, Czech Republic

Y J Tseng
National Quemoy University, Taiwan

S S Zubir
Universiti Teknologi MARA, Malaysia



International Journal of Heritage Architecture

The International Journal of Heritage Architecture aims to address a series of topics related to studies, repairs and maintenance of the built cultural heritage. The importance of retaining the world's cultural heritage cannot be overstated. Rapid development and inappropriate conservation techniques are threatening many unique buildings and sites. The Journal contributions aim to provide the necessary scientific knowledge to facilitate regulating policies. They also address topics related to historical aspects and the reuse of heritage sites.



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