

Institute of Sound
and Vibration Research

UNIVERSITY OF
Southampton

RASD2013:
Recent Advances
in Structural Dynamics.
11th International
Conference

1–3 July 2013 | Pisa, Italy

The Institute of Sound and Vibration Research (ISVR) is pleased to announce that the Eleventh International Conference on Recent Advances in Structural Dynamics will be held in July 2013 in Pisa.

This conference is devoted to theoretical, numerical and experimental developments in structural dynamics and their application to all types of structures and dynamical systems.

The conference will reflect the state-of-the-art of structural dynamics and dynamical systems in science and engineering, and is an opportunity to exchange scientific, technical and experimental ideas.

Topics

Papers are invited in any area of Structural Dynamics. Potential session titles include:

- Active vibration control and smart structures
- Aeroelastic phenomena
- Analytical methods
- Biomechanics
- Bridge dynamics
- Condition monitoring and diagnostics
- Dynamics of modern materials
- Earthquake engineering
- Energy methods
- Experimental techniques
- Fluid-structure interaction
- Human induced vibration
- Impulse loading and impact dynamics
- Modal analysis and structural modification
- Nonlinear vibrations
- Numerical methods
- Dynamics of offshore structures
- Railway induced vibration
- Self-excited vibrations
- Stochastic dynamics and random vibrations
- Structural health monitoring
- System identification and inverse problems
- Uncertain dynamical systems
- Vehicle dynamics
- Vibro-acoustics
- Wind engineering



Keynote Speakers

There will be 5 plenary keynote lectures, given by:

- Professor S.K. Bhattacharyya, Central Building Research Institute, India
- Professor J. S. Bolton, Purdue University, USA
- Professor D. Guyomar, INSA de Lyon, France
- Professor A. Metrikine, Delft University of Technology, The Netherlands
- Professor Y. Suda, University of Tokyo, Japan

Special Issue

A selection of the best papers will be published in a special edition of the Journal of Mechanical Engineering (en.sv-jme.eu).

Registration

Registration will include the Book of Abstracts, the Proceedings on a memory card, light refreshments, lunches and a conference dinner. Please register for the conference through our website

www.soton.ac.uk/rasd2013

Further information about the conference, submission of abstracts and papers, the venue and cost can also be found here. There will be a reduced rate for students.

Booking

Please book online at

www.soton.ac.uk/rasd2013

price includes all conference materials, lunches and dinners.

Conference Venue

The Conference will be at the University of Pisa, a few hundred metres from the well-known Piazza dei Miracoli and its Leaning Tower.

Pisa is located north of Rome, in the central part of Italy. It is well connected to all other Italian cities by railway. Pisa's international airport Galileo Galilei is only 2 km away from the city centre and it is connected with the major Italian and European airports. For all these reasons Pisa is a perfect starting point to experience Italian art, architecture, music and cuisine with a large number of hotels to suit any budget.

More information available at www.pisaunicaterra.it



Conference Venue

Date

1 – 3 July 2013

Held at

University of Pisa, Italy

Organised by

The Institute of Sound and Vibration Research, University of Southampton, United Kingdom

Conference Deadlines

Submission of Abstracts
28 September 2012

Acceptance of Abstracts
27 October 2012

Submission of Full Papers
18 January 2013

Reviewer Feedbacks
29 March 2013

Receipt of Revised Papers
26 April 2013

Early registration and payment for authors
26 April 2013

Conference Secretariat

Abstracts and questions relating to the Conference should be addressed to:

RASD2013 Conference Secretariat
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Organising Committee

E. Rustighi, University of Southampton, UK (Chair); P. Forte, University of Pisa, Italy (Host); M. Boltežar, University of Ljubljana, Slovenia; M. Brennan, UNESP, Brazil; S. Chakraverty, National Inst. of Technology, India; N. Ferguson, University of Southampton, UK; R. Halkyard, University of Auckland, New Zealand; K. Nakano, University of Tokyo, Japan; S. Rizzi, NASA Langley, USA; J. Muggleton, University of Southampton, UK

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