

Conference Venue

The Conference will be held at The Avenue Campus, University of Southampton, Highfield, Southampton, UK.

Southampton is a city of medieval origin, located on the estuary of the River Itchen. Thanks to its favourable position, it has always been a main centre of trade and its port is one of the most important in the Country.

The city is the region's leisure and cultural capital. With major international events, many new pubs, clubs and restaurants. Southampton is the South's leading leisure destination.

Conference Secretariat

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

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General Information

Travel information to Southampton:

By Road:

Southampton is about 80 miles from London on the M3 motorway.

By Rail:

Fast trains from London, Gatwick Airport and Bournemouth/Weymouth stop at Southampton Central and Southampton Airport Parkway. Trains from Portsmouth and Bristol/South Wales stop at Southampton Central. Bus number U1 service runs to the University.

By Air:

Southampton is about 80 miles from Heathrow International Airport and from Gatwick International Airport.

Southampton International Airport is a few minutes from the Southampton campuses by bus or taxi. There is a full UK domestic service, as well as flights to/from France and Holland.

More information can be found at:

<http://www.southampton.gov.uk/>

and:

<http://www.soton.ac.uk/>



NINTH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN STRUCTURAL DYNAMICS

17-19 July 2006

**at the Institute of
Sound and Vibration Research
University of Southampton
Highfield
Southampton
UK**

isvr

Introduction

The Institute of Sound and Vibration Research (ISVR) is pleased to announce that the Ninth International Conference on Recent Advances in Structural Dynamics will be held in July 2006. The eight previous conferences have been held every three years or so since 1980.

The Conference aims to bring together researchers and practising engineers from different branches of engineering to discuss recent advances in theoretical and experimental techniques for solving problems in structural dynamics.

Call for Papers

Papers are invited on any aspect of Structural Dynamics from any branch of engineering with the main emphasis being on the topics listed below. Abstracts less than 200 words should be submitted by 31 May 2005. Accepted papers of up to 15 pages will be required by 30 November 2005. All papers presented at the Conference will be reviewed and published on a CD-ROM, which will be available at the Conference. The abstract should be submitted electronically, as described on the website:

<http://www.isvr.soton.ac.uk/SD2006>

Support

The Conference is being organised by the Institute of Sound and Vibration Research with the support of the following bodies:

- National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, USA
- Institut für Technische Akustik, Technische Universität, Berlin, Germany
- Department of Mechanical Engineering, University of Connecticut, USA
- State Key Laboratory of Shock, Vibration and Noise, Shanghai Jiaotong University

Keynote Speakers

There will be five plenary keynote lectures, given by:

- Professor L.N. Virgin, Duke University, USA
- Dr M. Swinbanks, Vibration and Sound Solutions Ltd, USA
- Professor K. Worden, University of Sheffield, UK
- Professor J.F. Doyle, Purdue University, USA
- Dr A. Halfpenny, NCode, USA

Topics

Papers are invited in any area of structural dynamics. Potential session titles include:

- Active vibration control and smart structures
- Analytical methods
- Biomechanics
- Condition monitoring and diagnostics
- Dynamics of modern materials
- Energy methods
- Experimental techniques
- Modal analysis and structural modification
- Nonlinear analysis
- Numerical methods
- Random vibration
- Self-excited vibrations
- Sonic fatigue
- System identification and inverse problems
- Vehicle dynamics
- Vibro-acoustics

Work-in-Progress Session

In addition to formal presentation of papers, there will be a work-in-progress session to provide a forum for presentation of ongoing work. Interested individuals should submit a 200 word summary by 31 March 2006. Those accepted should prepare a 4-page description of the work by 13 May 2006. These contributions will not be reviewed, but will be published on the CD-ROM.