

Conference Venue

RASD will be returning to the University of Southampton, UK, the venue for the inaugural conference in 1980.

Southampton is a major port on the south coast of England and has a maritime history spanning centuries. It is perhaps best known for the departure of the Titanic on its ill-fated maiden voyage in 1912. There is a permanent exhibition at the SeaCity museum and a memorial to Titanic's lost engineers in one of the local parks. It is also the birthplace of the Spitfire fighter plane which is one of over 20 aircraft on display at the Solent Sky museum, the planned venue for our informal drinks reception. The conference will be held in the city centre, close to hotels, shops, parks, cafes, restaurants, and the Ocean Village marina and leisure complex. The conference banquet will take place at the chic Harbour Hotel with panoramic views over the marina below.



Conference Secretariat

The conference is hosted by:

**Institute of Sound and Vibration Research (ISVR),
University of Southampton, SO17 1BJ.**

Telephone: +44 (0)23 8059 2294

E-mail: rasd@soton.ac.uk

Registration

Attendance at the conference will be in-person. Registration will include the book of abstracts, electronic access to the proceedings, lunches and light refreshments, an informal drinks reception and a conference banquet.

Discounted rates will be available for research students, and delegates will benefit from preferential rates for some local hotels.

Accompanying persons are welcome to attend the social events, subject to availability, if pre-booked when registering.

International Organising Committee

T. Waters (chair)	Univ. of Southampton, UK
D. Chronopoulos	KU Leuven, Belgium
A. Ciciello	TU Delft, Netherlands
F. Dohnal	Vorarlberg Univ. of Appl. Sci., Austria
A. Erturk	Georgia Institute of Technology, USA
P. Goncalves	Sao Paulo State Univ., Brazil
M. Ichchou	Ecole Centrale Lyon, France
M. Karimi	Univ. of Technology Sydney, Australia
J. Muggleton	Univ. of Southampton, UK
E. Rustighi	Univ. di Trento, Italy
H. Salleh	Univ. Tenaga Nasional, Malaysia
A. Shaw	Swansea Univ., UK
K. Shin	Aandong National Univ., South Korea
S. Sorokin	Aalborg Univ., Denmark
B. Tang	Dalian Univ. of Technology, China
D. Wagg	Univ. of Sheffield, UK
T. Yang	Harbin Engineering Univ., China



Find out more:

For the latest information,
abstract submission and
registration visit
www.southampton.ac.uk/rasd



RASD 2024

XIV International Conference on Recent Advances in Structural Dynamics

→ 1-3 July 2024

→ Southampton, UK

First call for papers

Organised by:

Institute of Sound and Vibration Research
University of Southampton
United Kingdom

Introduction

The Institute of Sound and Vibration Research (ISVR) is delighted to announce the Fourteenth International Conference on Recent Advances in Structural Dynamics (RASD) which will be held in Southampton on 1-3 July 2024.

The 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 provides an opportunity for academic researchers and industrialists to discuss the latest developments, challenges and opportunities in the field structural dynamics in an inclusive and friendly environment.

Call for Papers

Full papers and extended abstracts are invited on any aspect of structural dynamics from any branch of engineering with a particular emphasis on the topics listed opposite.

Full Papers

Abstracts of up to 250 words should be submitted electronically by the stated deadline to allow for peer review. Full papers may be up to 12 pages in length. All presented papers will be published with open access in the Journal of Physics: Conference Series which is indexed with numerous research databases including SCOPUS, EI Compendex and Google Scholar.

Extended Abstracts

Extended abstracts of up to four pages should be submitted electronically by the later deadline. Presentation of 'work in progress' is welcome. Extended abstracts will not be peer reviewed or published in Journal of Physics: Conference Series.



Topics

- Active Vibration Control and Smart Structures
- Biomechanics and Human Structure Interaction
- Civil Engineering Structures
- Damping
- Data-centric Approaches to Structural Dynamics
- Dynamic Sensors and Actuators
- Dynamics and Control of Time-Periodic Systems
- Energy Harvesting
- Experimental Techniques
- Fluid-Structure Interaction
- Metastructures and Metamaterials
- Nonlinear Vibrations
- Pipeline Dynamics
- Railway Induced Vibration and Noise
- Robot Dynamics and Control
- Stochastic Dynamics and Uncertain Systems
- Structural Acoustics and Noise Control
- Structural Dynamic Model Validation
- System Identification and Inverse Problems
- Vehicle Dynamics and Control
- Vibration Based NDE and SHM
- Vibroacoustics

Please contact the secretariat if you would like to propose a special session.




Conference Deadlines

Submission of abstracts for full papers	29 Sep 2023
Acceptance of abstracts for full papers	4 Nov 2023
Submission of full papers	1 Feb 2024
Reviewer feedback on full papers	29 Mar 2024
Submission of revised full papers	3 May 2024
Submission of extended abstracts	3 May 2024

Keynote Speakers

Plenary keynote lectures will be announced in due course on the conference website.

 **Find out more:**
www.southampton.ac.uk/rasd

