ICOVP-2013 – Third Announcement and the Call for Abstracts

11th International Conference on Vibration Problems (ICOVP-2013)
Instituto Superior Técnico
Lisbon, Portugal
9-12 September 2013

The abstract submission is now open.

Important Dates:
31 January 2013: deadline for submission of Abstracts
15 February 2013: notification of acceptance
31 May 2013: deadline for submission of Full length Papers and Early registration

For further information about the conference, please visit: www.icovp.com.

Since 1990, the ICOVP conference series brings together researchers investigating vibration-related problems in Science and Engineering, providing an international forum for this rapidly growing scientific domain. During the last twenty-two years, the ICOVP activities have been gaining momentum to meet the challenges of the twenty-first century, with reference to modern Engineering subjects, namely present-day high-technology industries with applications as broad as high-speed spacecraft, nuclear power plants, offshore structures, storage and high-rise structures.

Conference Topics
ICOVP conference series brings together researchers investigating vibration-related problems in science and engineering providing an international forum for the present state-of-the-art in this increasingly broad scientific domain including the following topics (but not limited to):

- Mathematical Modelling
- Experimental Techniques
- Computational Methods
- Nonlinear and Stochastic Dynamics
- Structural Dynamics
- Wave Problems
- Neurodynamics
- Acoustics
- Fluid-Structure Interactions
- Identification and Modal Analysis
- Signal Processing
- Dynamics of Rotating Systems
- Structural Health Monitoring
- Vibration Control and Isolation

We believe that ICOVP-2013 will have an impact on the development of analytical, numerical and experimental methods in vibration problems, and will also provide a forum for discussion and foster collaboration amongst the participants. We invite you to submit your contribution to the event and to have an active participation.

Plenary Speakers
Prof. Gábor Stépán (Budapest University of Technology and Economics, Hungary)
Prof. Marian Wiercigroch (University of Aberdeen, Scotland, UK)
Prof. Giuseppe Rega (Università degli Studi di Roma "La Sapienza", Italy)

Keynote Speakers
Prof. Alejandro R. Diaz (Michigan State University, Michigan, USA)
Prof. Andrei Metrikine (Delft University of Technology, The Netherlands)
Dr. Jiří Náprstek (The Institute of Theoretical and Applied Mechanics, Czech Republic)
Assoc. Prof. Nuno M. M. Maia (Technical University of Lisbon, Portugal)

Mini-Symposia
MS01:Nonlinear Dynamics in Technical Systems and Applications
MS02:Inverse Problems and Uncertainty Quantification
MS03:Vibration Problems in Vertical Transportation Systems
MS04:Advances in Structural Dynamics of High-Performance Machines
MS05:Recent Advances in Vibrations of Composite Structures
MS06:Dynamic Stability, Deterministic, Chaotic and Random Post-Critical States
MS07:Advanced Beam Models
MS08:Nonlinear Dynamics, Chaos and Control of Elastic Structures
MS09:Vibration and Noise in Rail Transportation
MS10:Dynamic Analysis of Plates and Shells
MS11:Neural-Oscillation and Cognition
MS12:Trefftz-Type Methods for Vibration Problems
MS13:Time-Periodic Systems: Modelling, Behaviour and Applications
MS14:Vibration of Solids and Structures Arising from Moving Loads
MS15:Probabilistic Assessment of Structural Dynamics
MS16:Dynamic Analysis of High-Speed Railway Bridges
MS17:Wave Propagation in Structures and Materials
MS18:Nonlinear Structural Dynamic Analysis-From Theory to Practice
MS19:Dynamics, Identification and Control of Mechanical Systems
MS20:High Intensity Ultrasound Systems
MS21:Innovative Concepts to Influence or Monitor Vibration Systems
MS22:Control of Non-Linear Vibration Using an Iterative Sherman-Morrison Receptance Method
MS23:Vibration Induced by Road and Railway Traffic
MS24:Optimization on Vibration Control of Structures
MS25:New Strategies and Challenges for Aerospace and Ocean Structures Dynamics and Control
MS26:Development of Materials and Systems for Vibration Damping
MS27:Dynamics Drilling Deep Boreholes – Drillstring and Drillbit Vibrations
MS28:Oscillations in the Solids Systems with Combined Dry Friction
MS29:Design of Coupling for Synchronization
MS30:Railway Vehicle Vibration Characteristics Based on Different Structural and Suspension Parameters
MS31:Vibration Problems in Earthquake Engineering
MS32:Vibration Analysis of Steel and Steel-Concrete Composite Structures

We hope that you share our enthusiasm and mark ICOVP-2013 dates in your Scientific Calendar. Please, kindly inform other colleagues who might be interested in attending the conference.

<table>
<tr><td>Marian Wiercigroch
(Chair)</td><td colspan="2">Zuzana Dimitrovová
(Chair)
João Rocha de Almeida
Rodrigo Gonçalves</td><td>Miguel de Matos Neves
(Co-Chair)
Jorge A. C. Ambrósio
João Pombo</td><td>Muralimohan Banerjee

Paritosh Biswas</td></tr>
<tr><td>ICOVP-2013 Steering Committee</td><td colspan="3">ICOVP-2013 Local Organizing Committee</td><td>ICOVP Founders</td></tr>
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