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Exhibition

Companies are invited to participate in the exhibition during the conference. For further information, please contact the conference secretariat.

EURODYN·2014

IX INTERNATIONAL
CONFERENCE
ON STRUCTURAL
DYNAMICS

30th June » 2nd July
PORTO · PORTUGAL

Second Announcement
& Call for Abstracts

Conference themes

Biomechanics	Nonlinear dynamics
Bridge dynamics	Optimization
Dynamic soil-structure interaction	Reliability and dynamical systems
Dynamical behaviour of materials	Stochastic dynamics
Dynamics of coupled systems	Structural health monitoring
Earthquake engineering	Traffic induced vibrations
Experimental techniques	Uncertainty
Fluid structure interaction	Vehicle dynamics
Human induced vibrations	Vibration control
Impact dynamics	Vibro-acoustics
Inverse problems	Wave propagation
Multi-scale dynamics	Wind engineering

Mini-symposia

MS00	Professor Gerhart Schueller Memorial Mini-Symposium
MS01	Aseismic design of structures and lifelines
MS02	Dynamic soil-structure interaction and wave propagation
MS03	Traffic induced vibrations (road, railway, subway)
MS04	Vibrations due to construction and industrial activities
MS05	Human induced vibrations
MS06	Bridge dynamics (seismic loads, wind loads, moving loads)
MS07	Wind induced vibrations of slender structures and fatigue
MS08	Dynamic testing and monitoring of monuments and historic structures
MS09	Active, semi-active and passive vibration control
MS10	Advances in computational dynamics of structures
MS11	Non-linear dynamics
MS12	Experimental techniques and smart structures (incl. non-contact measurements)
MS13	System identification and structural health monitoring
MS14	Uncertainty quantification in computational structural dynamics and coupled systems
MS15	Dynamic response of structures due to random excitation
MS16	Stochastic dynamics and reliability analysis of structural and mechanical systems under environmental excitation
MS17	Reliability and robustness of dynamic systems
MS18	Bayesian updating, filtering and inversion for dynamic systems
MS19	Fuzzy sets and intervals - numerical methods, applications
MS20	Fluid-structure interaction
MS21	Vibro-acoustics
MS22	Constitutive behavior of construction materials and dynamics of composite structures
MS23	Micromechanical structures and dynamic behaviour
MS24	Blast and accidental loads
MS25	Offshore wind power plants and structures
MS26	Onshore energy structures (wind, solar, hydraulic)
MS27	Structural Dynamics (other topics)

Introduction

The European Association for Structural Dynamics (EASD) and the Faculty of Engineering of the University of Porto (FEUP) are pleased to announce that the Ninth International Conference on Structural Dynamics EURODYN 2014 will be held in Porto, Portugal, from 30 June to 2 July 2014. The eight previous conferences in the series were held in Bochum (1990), Trondheim (1993), Florence (1996), Prague (1999), Munich (2002), Paris (2005), Southampton (2008) and Leuven (2011). 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 practice and is an opportunity to exchange scientific, technical and experimental ideas.

Venue

The Conference will take place at the Faculty of Engineering of the University of Porto, FEUP (Faculdade de Engenharia da Universidade do Porto). Porto is the largest city of Northern Portugal. The Historic Centre of Porto, classified as World Heritage by UNESCO, is one of the most attractive entertainment venues for visitors, providing a rich variety of monuments and ordinary dwelling, from different periods stretching back as far as the 14th century. The city of Porto and its river, Douro, cannot be dissociated. The Douro valley, with its lovely terraces of vineyards clinging to the hillsides, is the kingdom of the famous Port Wine (www.ivdp.pt) and offers visitors spectacular views. Porto is the centre of a culturally and naturally rich region that gath-

Call for abstracts

Authors wishing to contribute to the scientific program of Eurodyn 2014 are requested to create an account on the conference website www.fe.up.pt/eurodyn2014 and to submit a one page abstract before 30 June 2013 through that website. 28 mini-symposia will be organized at Eurodyn 2014 and are listed below. If the abstract is accepted, authors will be asked to submit a paper (max. 8 pages) for publication in the conference proceedings (CD-ROM). The proceedings will be listed in Thomson Reuters ISI Web of Knowledge. Eurodyn 2014 will accept one paper per registered author.



ers together history, arts and nature (sea and mountains); it is a perfect starting point for tourist excursions (of various durations and flavours). The city of Porto is easily accessible from abroad. Several airlines offer direct service to Francisco Sá Carneiro International Airport, located about 12 Km from the City Centre.

Important dates

Call for abstracts	Deadline for registration and payment authors
1 December 2012	1 April 2014
Deadline for abstract submission	Deadline for early bird registration
30 June 2013	1 April 2014
Abstract acceptance notification	Eurodyn 2014
30 September 2013	30 June - 2 July 2014
Deadline for paper submission	
20 December 2013	
Paper acceptance notification	
1 March 2014	

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