

EURODYN · 2014

IX INTERNATIONAL
CONFERENCE
ON STRUCTURAL
DYNAMICS

30th June
2nd July
2014

First announcement

U PORTO

FEUP FACULDADE DE ENGENHARIA
UNIVERSIDADE DO PORTO

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.

Conference themes

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

Exhibition

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

Organizing Committee

Álvaro Cunha
U.Porto / FEUP,
Conference Chairman

Elsa Caetano
U.Porto / FEUP,
Conference Co-Chairman

Pedro Ribeiro
U.Porto / FEUP,
Conference Co-Chairman

Costas Papadimitriou
EASD Ex.Board,
Conference Co-Chairman

Carlos Moutinho
U.Porto / FEUP

Filipe Magalhães
U.Porto / FEUP

Important dates

Call for abstracts
1 December 2012

Deadline for abstract submission
30 June 2013

Abstract acceptance notification
30 September 2013

Deadline for paper submission
20 December 2013

Paper acceptance notification
1 March 2014

Deadline for registration and payment authors
1 April 2014

Deadline for early bird registration
1 April 2014

Eurodyn 2014
30 June - 2 July 2014

European Association for Structural Dynamics

Gerhard Müller, Germany
President

Wilfried Krätzig, Germany
Honorary President

Costas Papadimitriou, Greece
Executive Vice-President

Claudio Borri, Italy

Michael Brennan, Brasil

Álvaro Cunha, Portugal

Guido De Roeck, Belgium

Christian Soize, France

Conference Secretariat

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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 gathers together history, arts and nature (sea and mountains); it is a perfect starting point for tourist excursions (of various duration's 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.

