

## VENUE

The conference will take place in the Axis Viana Business & Spa Hotel, in Viana do Castelo, 66 km north of Porto's airport.

The hotel has all the appropriate facilities for such an event. **In our web page you will find all the details, as well as the registration form for the hotel.**



## SOCIAL ACTIVITIES

A social programme is planned for participants and accompanying persons and will be announced in our web page in due time.



## SCIENTIFIC COMMITTEE

R. Allemang, U.S.A.  
J. Araújo dos Santos, Portugal  
J. Arruda, Brazil  
P. Avitabile, U.S.A.  
J. Awrejcewicz, Poland  
D. Bernal, U.S.A.  
M. Boltežar, Slovenia  
A. Brandt, Denmark  
I. Bucher, Israel  
R. Chedas Sampaio, Portugal  
I. Elishakoff, U.S.A.  
D. Ewins, U.K.  
M. Friswell, U.K.  
L. Garibaldi, Italy  
L. Gaul, Germany  
G.-R. Gillich, Romania  
J.-C. Golinval, Belgium  
P. Guillaume, Belgium  
P. Hagedorn, Germany  
D. Inman, U.S.A.  
P. Koziol, Poland  
J. Kullaa, Finland  
P. Ladevèze, France  
M. Link, Germany  
N. Maia, Portugal  
C. Mares, U.K.  
M. Neves, Portugal  
J. Mottershead, U.K.  
D. Rade, Brazil  
B. Randall, Australia  
D. Rixen, Germany  
P. Sas, Belgium  
V. Steffen, Brazil  
A. Suleman, Portugal  
T. Uhl, Poland  
H. Van der Auweraer, Belgium  
S. Zhong, China

## CONFERENCE SECRETARIAT

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## Call for Papers

### International Conference on Structural Engineering Dynamics

### ICEDyn 2019

Viana do Castelo, Portugal  
24 - 26 June 2019



Organised by:

Associated Laboratory for Energy, Transports and Aeronautics (LAETA), Instituto de Engenharia Mecânica (IDMEC) / Instituto Superior Técnico (IST), University of Lisbon

And supported by:

Câmara Municipal de Viana do Castelo (Viana do Castelo City Hall)

## OVERVIEW AND OBJECTIVES

The International Conference on Structural Engineering Dynamics (ICEDyn 2019) has the objective of bringing together various subjects that may be understood as part of a whole big area of Structural Engineering Dynamics. It is indeed a vast area, which comprehends not only Mechanical Engineering but also Civil, Aeronautical and other akin disciplines. All subjects are welcome within this big umbrella, although the organisers would like to give relevance to some topics in particular, to orient the possible attendees and provide some guidelines. In what structural dynamics is concerned, the main topics considered here have to do with experimental and operational modal analysis and testing, validation and updating of numerical models, new developments in experimental techniques, modelling of damping, structural health monitoring, substructuring, active control, smart materials, nonlinear dynamics, railway dynamics, rotating machinery and vibro-acoustics.

It is anticipated that the conference will appeal to a very wide range of disciplines, from aeronautical and civil engineering structures to all forms of machinery. The organisers expect that the conference may be run in two or at most three parallel sections to avoid dispersion and help congregating people to fruitful and nice interactive discussions.



## CONFERENCE THEMES

Papers are invited on any aspect of the overall conference theme, but the main emphasis will be placed on papers which fall into the following areas:

- Experimental/Operational Modal analysis
- Updating of numerical models
- Model validation and uncertainty quantification
- Joints, friction and damping
- Experimental techniques
- Structural Health Monitoring
- Active control and smart materials
- Nonlinear dynamics
- Substructuring/Coupling
- Railway dynamics
- Rotating machinery
- Vibro-Acoustics
- Aeronautical/Aerospace topics
- Relevant case studies

## ABSTRACTS AND IMPORTANT DATES

Anyone wishing to contribute with a paper should submit an abstract of 200-500 words at the Conference website no later than the **12th of October 2018**. Those accepted will be notified by the 9th of November 2018.

**IMPORTANT:** The registration fee is due with the submission of the final paper.

The final paper must be submitted until the **8th of February 2019**.

## CONFERENCE PROCEEDINGS

All accepted papers will be gathered in a memory stick to be distributed to the delegates, together with a bound volume with the Technical Programme and the Book of Abstracts.

Improved versions of the papers are welcome for submission to the Mechanical Systems & Signal Processing (MSSP).



## REGISTRATION FEES

The registration will be made through our website. The full registration fee will be 525 euro. Each extra paper will pay 100 euro. Scientific Committee members will pay 425 euro and Students will pay 350 euro. These values are for payments before the 8<sup>th</sup> of February 2019. Later payments will be increased by 75 euro.

The registration fee includes the memory stick of proceedings, the book of abstracts, the reception cocktail (on the 23<sup>rd</sup> of June 2019), the conference banquet (on the 25<sup>th</sup> of June 2019), the coffee breaks and the lunches during the conference days.

## INVITED SPEAKERS

To cover the main themes of the conference, four internationally-recognised specialists have been invited to present state-of-the-art keynote lectures.

## ORGANISING COMMITTEE

N. M. M. Maia, IST, University of Lisbon, Portugal  
M. M. Neves, IST, University of Lisbon, Portugal  
R. P. Chedas Sampaio, Escola Naval, Portugal