

VENUE

The conference will take place in the hotel Vila Galé, Tavira, around 35 km east of Faro, Algarve. 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.** The hotel web page is:
<http://www.vilagale.pt/pages/hoteis/?hotel=3>.



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

J. Arruda, Brazil
P. Avitabile, U.S.A.
J. Awrejcewicz, Poland
M. Boltezar, Slovenia
R. Brincker, Denmark
T. Carne, U.S.A.
R. Chedas Sampaio, Portugal
S. Cogan, France
E. Dascotte, Belgium
I. Elishakoff, U.S.A.
M. Friswell, U.K.
L. Garibaldi, Italy
L. Gaul, Germany
J.-C. Golinval, Belgium
P. Guillaume, Belgium
D. Inman, U.S.A.
J. Jensen, Denmark
V. Koumoussis, Greece
P. Ladevèze, France
N. Maia, Portugal
C. Mares, U.K.
M. Matos Neves, Portugal
J. Mottershead, U.K.
M. Rades, Romania
P. Sas, Belgium
V. Steffen, Brazil
T. Uhl, Poland
H. Van der Auweraer, Belgium
K. Worden, U.K.
D. Zimmerman, U.S.A.

CONFERENCE SECRETARIAT

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Call for Papers

First Announcement
International Conference
on
Structural Engineering
Dynamics

ICEDyn 2011

Tavira, Portugal
20 - 22 June 2011



Organised by:

Instituto Superior Técnico, Technical University of Lisbon

And supported by:

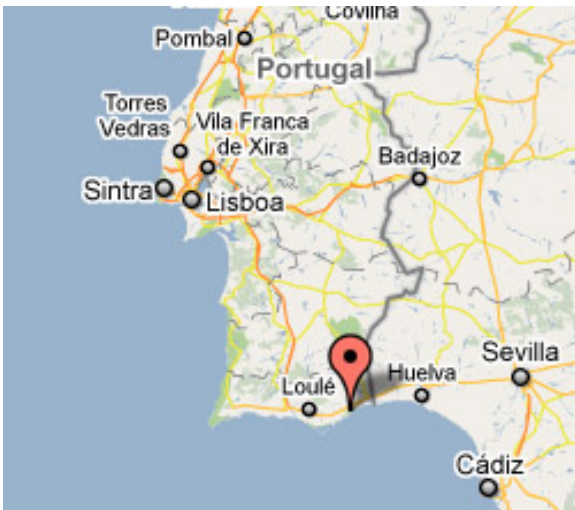
Instituto de Engenharia Mecânica (IDMEC)

Fundação para a Ciência e a Tecnologia (FCT)

Câmara Municipal de Tavira (Tavira City Hall)

OVERVIEW AND OBJECTIVES

The International Conference on Structural Engineering Dynamics (ICEDyn 2011) 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 modal analysis and testing, validation and updating of numerical models, as well as new developments in experimental techniques, and in the modelling of damping. We would also like to contemplate some other topics, like structural health monitoring, active control, smart materials, nonlinear 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:

- Modal analysis and testing
- Methods to update FE models using test data
- Model validation and uncertainty quantification
- Modelling of damping
- Experimental techniques
- Damage detection
- Active control and smart materials
- Nonlinear dynamics
- Rotating machinery
- Vibro-Acoustics
- Case studies

ABSTRACTS AND IMPORTANT DATES

Anyone wishing to contribute with a paper should electronically submit an abstract of around 300 words at the Conference website no later than the **29th of October 2010**. Those accepted will be notified by the 26th of November 2010.

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

The final paper must be submitted until the **4th of March 2011**.

CONFERENCE PROCEEDINGS

All accepted papers will be gathered in a CD; a bound volume with the Technical Programme and the book of abstracts will be available at the conference. A selected number of papers will be submitted to a special issue of the Shock and Vibration journal (SAV).



REGISTRATION FEES

The registration will be made through our website. The full registration fee will be 485 euro. Each extra paper will pay 100 euro. Scientific Committee members and Students will pay 385 euro. These values are for payments before the 4th of March 2011. Later payments will be 535 euro and 435 euro, respectively. The registration fee includes the CD of proceedings, the book of abstracts, the reception cocktail (on the 19th of June 2011), the conference banquet, 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, Technical Univ. of Lisbon, Portugal
M. Matos Neves, Technical Univ. of Lisbon, Portugal
R. P. Chedas Sampaio, Inst. Sup. Eng. Lisbon, Portugal