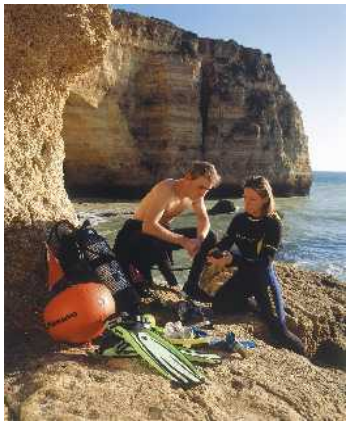
VENUE

The conference will take place in the hotel Almansor, at Praia do Carvoeiro, in the Algarve, south of Portugal. A special shuttle service will be arrange to pick up attendees arriving on Saturday or Sunday. The hotel has all the facilities appropriate 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 the web page in due time.



SCIENTIFIC COMMITTEE

J. Arruda, Brazil
J. Awrejcewicz, Poland
M. Boltezar, Slovenia
R. Brincker, Denmark
T. Cioara, Romenia
S. Cogan, France
E. Dascotte, Belgium
D. Ewins, U.K.
M. Friswell, U.K.
J.-C. Golinval, Belgium
A. Guemes, Spain
P. Guillaume, Belgium
F. Hemez, U.S.A
W. Heylen, Belgium
D. Inman, U.S.A
C.-G. Koh, Singapore
M. Link, Germany
N. Maia, Portugal
K. McConnell, U.S.A
J. Mottershead, U.K.
M. Rades, Romenia
A. Ribeiro, Portugal
P. Sas, Belgium
J. Silva, Portugal
V. Steffen, Brazil
H. van der Aweraer, Belgium
K. Worden
D. Zimmerman, U.S.A

CONFERENCE SECRETARIAT

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Web-page: to be announced soon

Call for Papers

First Announcement

ICED2007

International Conference on Engineering Dynamics

Algarve, Portugal
16-18 April 2007

Organised by:
Instituto Superior Técnico, Technical University of Lisbon

And supported by:
Institute of Mechanical Engineering (IDMEC)

OVERVIEW AND OBJECTIVES

This first International Conference on Engineering Dynamics (ICED 2007) has the broad objective of bringing together various subjects that may be understood as part of a whole area of Engineering Dynamics. It is indeed a vast area, which comprehends not only Mechanical Engineering but also Civil, Aeronautical and other related fields. All subjects are welcome within this umbrella, although the organisers would like to give relevance to some topics in particular. 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, in the modelling of damping, structural health monitoring, active control, smart materials, nonlinear dynamics, rotating machinery and vibro-acoustics.

It is anticipated that the conference will appeal to a large number of people from different fields of study and activity, both in academia and industry.

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 200-500 words at the Conference website no later than the 15th of September 2006. Those accepted will be notified by the 29th of September 2006.

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

The final paper must be submitted until the **15th of December 2006**. Later submissions until the **5th of January 2007** will have a surcharge.

CONFERENCE PROCEEDINGS

All accepted papers will be gathered in a CD and a bound volume of the abstract will be available at the conference.

A selected number of papers will be submitted to a special issue of the Shock and Vibration journal.

REGISTRATION FEES

The registration will be made through our website. The full registration fee will be 450 euro. Each extra paper will pay 100 euro. Students will pay 350 euro. These values are for payments before the 15th of December. Later submissions (until the 5th of January 2007) will have a 100 euro penalty.

The registration fee includes the CD of proceedings, the book of abstracts, the reception cocktail (on the 15th of April 2007), the conference dinner, the coffee breaks and the lunches during the conference days.

Accompaning persons will pay 100 euro. This includes the reception cocktail and conference dinner.

Special arrangements with the hotel allow for reduced lodging prices for reserves through the conference site.

INVITED SPEAKERS

To cover the main themes of the conference, 4 internationally-recognised specialists will be invited to present state-of-the-art keynote lectures.

ORGANISING COMMITTEE

N. M. M. Maia, Technical Univ. of Lisbon, Portugal
J. M. M. Silva, Technical Univ. of Lisbon, Portugal
A. R. Ribeiro, Technical Univ. of Lisbon, Portugal
M. Fontul, Technical Univ. of Lisbon, Portugal