

A Symposium on

**VIBRATION AND STRUCTURAL ACOUSTICS
MEASUREMENT AND ANALYSIS**

Promoted by

César M. A. Vasques

INEGI–Instituto de Engenharia Mecânica e Gestão Industrial, Universidade do Porto
Campus da FEUP, R. Dr. Roberto Frias 400, 4200-465 Porto, Portugal

Tel: +351-22 957 87 10

E-mail: cmav@fe.up.pt

In Conjunction with

**15TH INTERNATIONAL CONFERENCE ON
EXPERIMENTAL MECHANICS (ICEM15)**

Faculty of Engineering, University of Porto

PORTO, PORTUGAL

July 22-27, 2012

<http://paginas.fe.up.pt/clme/icem15>

Papers are solicited in the following and related areas:

- Experimental testing in vibration and structural acoustics;
- Material systems and technologies for noise and vibration control;
- Passive/semi-active/active control techniques;
- Piezoelectric and viscoelastic damping technologies;
- Shape/position and fluid flow control;
- Nonlinear dynamics and vibrations;
- Vibration-based structural health monitoring/evaluation and damage prognosis;
- Machinery noise/vibration and diagnostics;
- Reciprocating machinery and rotor dynamics;
- Experimental modal analysis;
- Modeling of the dynamics and damping of complex systems;
- Noise and vibration on high-speed trains and railways;
- Structural acoustics of musical instruments;
- Applications and case studies in structural acoustics and vibration.

Extended abstracts of **two full pages** should be written in the same format as the full papers for the CD-ROM (no limitation in length for these):

<i>Paper Size:</i>	A4, single column
<i>Margins:</i>	Top page 3,0 cm; Bottom 2,5 cm, Left & Right 2,5 cm
<i>Font and line spacing:</i>	Times New Roman; single space
<i>First 3 lines:</i>	Should be left blank, size 10, reserved for the editors
<i>Title:</i>	Begins at the 4 th line, capital letters, size 14, bold, left alignment
<i>Authors Names:</i>	Size 10, left alignment, two lines interval from title above
<i>Authors affiliation:</i>	Size 10, left alignment, two lines interval from text below

<i>Main Text:</i>	Size 12, full justification, 6 pt space after paragraph, no indentation
<i>Headings:</i>	Capital letters, size 12, bold, one line interval from text above
<i>Legends (Figs & Tables):</i>	Size 10, one line interval from text above and below
<i>References:</i>	References to cited literature should be identified in the text with author(s) name(s) and year of publication (ex: Mascarenhas, 1997). Full citations should be grouped at the end of the paper and in alphabetical order of first author's name. Always give inclusive page numbers for references to journal articles and a page range for books. Each reference must be cited in the text.

A sample abstract is available for download at:

http://paginas.fe.up.pt/clme/icem15/abstract_sample.doc

which can also be used as template.

P.T.O.

The *Extended Abstracts* are due by **30 NOVEMBER 2011**, and those accepted will appear in a book which will be made available to delegates of ICEM5 during the event. Full papers will also be compiled in a CD-ROM and selected papers will be considered for publication in a number of scientific journals of international reputation.

For additional information, please contact either of the following:

Dr. César M. A. Vasques

INEGI–Inst. Eng. Mecânica e Gestão Industrial, Universidade do Porto
Campus da FEUP, R. Dr. Roberto Frias 400, 4200-465 Porto, Portugal
Tel: +351-22 957 87 10
E-mail: cmav@fe.up.pt

Professor J.F. Silva Gomes

Faculdade de Engenharia – Universidade do Porto
Rua Dr. Roberto Frias, 4200-465 Porto, Portugal
Tel: 351-91 725 89 50; Fax: 351-22 508 17 71
E-mail: sg@fe.up.pt