

A Symposium on
CARDIOVASCULAR AND ORTHOPEDIC
MECHANICS DESIGN

Promoted by

Luisa C. Sousa and Catarina F. Castro

Departamento de Engenharia Mecânica
Faculdade de Engenharia – Universidade do Porto
Rua Dr. Roberto Frias, 4200-465 Porto, Portugal
Tel: 351-22 508 1984

Email: ccastro@fe.up.pt

In Conjunction with

M2D'2015
6th International Conference on
MECHANICS AND MATERIALS IN DESIGN

P. DELGADA (AZORES), PORTUGAL

July 26-30, 2015

[\(http://paginas.fe.up.pt/clme/m2d2015/\)](http://paginas.fe.up.pt/clme/m2d2015/)

Papers may cover a wide range of topics in clinical engineering namely experimental/clinical data acquisition and computer-based methodologies in biomechanic multidisciplinary subjects. The following areas are particularly eligible: (1) Cardiovascular Mechanics - Blood-flow, non-linear elastic behaviour of arteries and design of artery implant systems; (2) Orthopedic Biomechanics - Mechanics of fracture and implants, computational mechanics in diagnosis planning and prediction of surgery outcomes; (3) Sports Biomechanics - Mechanical analyses of sports performance.

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/m2d2015/abstract_sample.doc

which can also be used as template.

The *Extended Abstracts* are due by **15 DECEMBER 2014**, 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 improved versions of ALL papers will be considered for publication in the International Journal of Mechanics and Materials in Design, (edited by S. A. Meguid and published by Springer).

For additional information, please contact either of the following:

Prof. Luisa C. Sousa and Prof. Catarina F. Castro

Faculdade de Engenharia – Universidade do Porto
Rua Dr. Roberto Frias, 4200-465 Porto, Portugal
Tel: 351-22 508 1766

Email: lcsousa@fe.up.pt; ccastro@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

Email: sg@fe.up.pt