

A Symposium on

ADVANCES IN CARDIOVASCULAR AND ORTHOPEDIC BIOMECHANICS

Promoted by

Luísa 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: 351-22 041 3467

Email: icsousa@fe.up.pt ccastro@fe.up.pt

In Conjunction with

IRF2016

5TH INTERNATIONAL CONFERENCE

INTEGRITY - RELIABILITY - FAILURE

Porto, Portugal
July 24-28, 2016

(<http://paginas.fe.up.pt/clme/IRF2016/>)

Papers may cover a wide range of topics in biomechanical engineering namely experimental/clinical data acquisition and computer-based processing and simulations. The following areas are particularly eligible: (1) Cardiovascular Mechanics - Identification of typical patterns and properties of the cardio-vascular system. Physiologic and structural factors contributing towards mechanical failure of artery/implant systems. (2) Orthopedic Biomechanics - Mechanics of fracture and implants. Computational methodologies in diagnosis and surgery planning.

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/IRF2016/abstract_sample.doc

which can also be used as template.

The *Extended Abstracts* are due by **11 JANUARY 2016**, and those accepted will appear in a book which will be made available to delegates of IRF 2016 during the event. Full papers will also be compiled in a USB stick, and improved versions of selected papers will be considered for publication in indexed International Journals on the conference main topics.

For additional information, please contact either of the following:

Professors Luísa C. Sousa and Catarina F. Castro

Faculdade de Engenharia – Universidade do Porto

Rua Dr. Roberto Frias, 4200-465 Porto, Portugal

Tel: 351-22 041 3467

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