

**A Symposium on**  
**FAILURE, FRACTURE AND FATIGUE**  
**AT ALL SCALES**

Promoted by

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In Conjunction with

**IRF 2016**  
**5<sup>th</sup> International Conference on**  
**INTEGRITY – RELIABILITY - FAILURE**  
**Porto, Portugal**  
**July 24-28, 2016**

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

Papers are solicited from the community in the following and related areas of failure and fracture at all scales:

- Failure of composite materials
- Thermo-mechanical effects upon failure
- Interacting modes of failure
- Failure of nano-tailored composites and metals
- Failure Diagnostics
- Effect of residual stresses upon failure
- Strengthening mechanisms and failure prevention
- Fatigue damage
- Fretting fatigue
- Stress corrosion cracking
- Micromechanics of interacting inhomogeneities
- Modes of failure nanocomposites
- Interfacial damage
- Failure of smart and cellular materials
- Failures at the nanoscale
- Case studies

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 <sup>th</sup> 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 &amp; 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](http://paginas.fe.up.pt/clme/IRF2016/abstract_sample.doc)

which can also be used as template.

*Extended Abstracts* are due by **11 JANUARY 2016**, 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.

**Full papers selected from this symposium will be considered for publication in the International Journal of Mechanics and Materials in Design in the normal manner,**

**For additional information, please contact either of the following:**

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