

A symposium on
Actuators and their broad applications

Organised by

Giorgio Olmi, Dario Croccolo

Industrial Engineering Department
University of Bologna, Italy

Under the auspices of

**7th International Conference on
INTEGRITY - RELIABILITY - FAILURE**

**Funchal/Madeira, Portugal
14-18 June, 2020**

(<https://paginas.fe.up.pt/~irf/IRF2020/index.htm>)

This Symposium can be regarded as an opportunity for researchers to share their achievements in the field of actuators. Both experimental and theoretical as well as numerical studies will be welcome. Applicative studies in the broad areas of industry, automation, automotive, aerospace and biomechanics will also be particularly appreciated. The main topics of this Symposium include, but are not limited to:

- Electromechanical actuators
- Electromagnetic actuators
- Electrodynamical actuators
- Fluid mechanical actuators
- Pneumatic actuators
- Hydraulic actuators
- Smart actuators
- Actuators in biomechanics
- Actuators for energy and power systems
- Actuators for automatic machines
- Actuators in Mechatronics
- Management and control of actuators
- Risk and reliability assessment of actuators

Abstracts of two full pages should be written in the following format (the template is available in the web site specific section).

Paper Size:

A4, single column

Margins:

Top page 3,0 cm; Bottom 2,5 cm, Left & Right 2,5 cm

Font and line spacing:

Times New Roman; single space

First 3 lines:

Should be left blank, size 10, reserved for the editors

Title:

Begins at the 4th line, capital letters, size 14, bold, left alignment

Authors Names:

Size 10, left alignment, two lines interval from title above

Authors affiliation:

Size 10, left alignment, two lines interval from text below

Main Text:

Size 12, full justification, 6 pt space after paragraph, no indentation

Headings:

Capital letters, size 12, bold, one line interval from text above

Legends (Figs & Tables):

Size 10, one line interval from text above and below

References:

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:

https://paginas.fe.up.pt/~irf/IRF2020/irf2020abstract_sample.docx

which can also be used as template.

Deadline for Extended Abstracts: 15 December, 2019

Accepted contributions will appear in a book and USB-card, which will be made available to the delegates at the event.

For additional information, please contact either of the following:

Professor Giorgio Olmi
Industrial Engineering Dept., University of Bologna
Tel: +39 051 2093455
Email: giorgio.olmi@unibo.it

Professor Dario Croccolo
Industrial Engineering Dept., University of Bologna
Tel: +39 051 2093413
Email: dario.croccolo@unibo.it

Professor Joaquim Silva Gomes
Faculty of Engineering, University of Porto
Tel: +351 917 258 950
Email: sg@fe.up.pt