

A forum/symposium on
**Innovative Engineering Design Education: From
Lessons learned to Emerging Practices**

Organised by

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Under the auspices of

**8th International Conference on
MECHANICS AND MATERIALS IN DESIGN**

University of Bologna, Bologna, Italy
September 4-6, 2019

(Conference website: www.M2D2019.com)

Importance and Scope

The scope of this International Forum is to provide an opportunity to share experiences and learn about emerging ideas on modern aspects of Engineering Design Education. There will be contributions from instructors and students to address teaching methods for product design, development and manufacturing; engineering education outcomes assessment and field specific engineering design education. The Forum format includes talks followed by a panel discussion to debate of the best practices. The event welcomes participation from engineers in academia, government and industry as well as university administrators for discussing engineering design curriculum.

We sincerely hope that you will join us at M2D 2019 in Bologna to make this event a success.

Academic support and guest participation by:

Prof Alexander Slocum, MIT
Prof Mark Driscoll, McGill University
Prof Marnie Jamieson, University of Alberta
Prof Michael Walsh, University of Limerick
Prof Rosaire Mongrain, McGill University
Prof Shaker Meguid, University of Toronto

Topics of Interest

Extended Abstracts are kindly solicited from the community to support this symposium on the importance of design to the training of engineering students. We need to dispel the image that highly analytical topics command the respect of the community, whilst highly innovative and encompassing activities are relegated to the bottom of scholarly work. We also seek highly innovative teaching pedagogy to effect proper design training. Case studies are welcome. We welcome industrial participation to guide the community as to their needs. The topics may include, but not limited to:

- Design Theory
- Design with the big “D”
- Design versus Analysis
- Reversed Engineering Design
- Innovative Design in Engineering
- Integration of Curricula in Design
- Conceptual and Constructive Design
- Multifunctional and Functional Designs
- Challenges Facing Teaching of Design
- Challenges Facing Instructors of Design
- Interdisciplinary and Multidisciplinary Design
- Theoretical Empirical and Experimentally related Design

Target Audience

- Academicians and Educators
- Research Scholars with interest in Design
- Transport Industry: Automotive, Ship building and Aerospace
- Defence Organisations
- Graduate Students

Extended Abstracts

Two pages maximum adhering to the following format:

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 (e.g.: 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: www.M2D2019.com
which can also be used as template.

Deadline for Extended Abstracts: 31 March, 2019

Accepted contributions will appear in a book which will be made available to the delegates at the event.

For additional information, please contact:

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