

A symposium on  
**Advances in Additive Manufacturing Process Design  
and Part Performance**

Organised by

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University of Bologna, Italy

Under the auspices of

**8<sup>th</sup> International Conference on  
MECHANICS AND MATERIALS IN DESIGN**

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

**([www.M2D2019.com](http://www.M2D2019.com))**

Papers are solicited from the community in the following and related areas:

- Design for additive manufacturing, software development and optimization.
- Development and analysis of innovative lattice structures for improved specific strength and stiffness.
- Simulation of components produced via additive manufacturing, including those with internal lattice structures.
- Advances in 3D Printing of Tissue Scaffolds
- Automation and integration of additive manufacturing in mass-production environments.
- Use of new material types and powders such as ceramics for tooling for innovative applications.
- Post-processing and finishing operations performed on components produced by additive manufacturing.
- New business models for production schemes based around additive manufacturing.
- Quality Assurance in AM Systems: Sensing, Analytics, and Control
- Design for Manufacturability for Additive Manufacturing
- Advances in Micro- and Nano-Additive Manufacturing

**Papers of four full pages maximum** 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:** [www.M2D2019.com](http://www.M2D2019.com)

which can also be used as template.

**Deadline for Extended Abstracts: 08 March, 2019**

Accepted contributions will appear in a special issue of "Lasers in Manufacturing and Materials Processing"- Ed. Springer. Editor-in-Chief: Yung C. Shin.

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