

A special session on  
**Additive Manufactured Materials:  
Production, Experiments and Applications**

Organised by

**Dario Croccolo, Giorgio Olmi**

Industrial Engineering Department  
University of Bologna, Italy

Under the auspices of

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This Symposium can be regarded as an opportunity for researchers to share their latest achievements in the field of Additive Manufacturing (AM), involving metallic and polymeric materials. Both experimental and theoretical or numerical studies will be welcome. This Symposium aims at highlighting the potentials of AM with regard to the rapid fabrication of complexly shaped parts, thus reducing the time to market, considering carefully the achievable mechanical properties. Abstracts are solicited from the community in the following and related areas:

- Design and Development of additive manufactured materials
- Production systems for metallic materials
- Production systems for polymeric materials
- Experimental characterization of AM components
- Mechanics of materials of AM components.
- Static and/or fatigue testing
- Tribological properties and surface finishing
- Microstructure, internal and external defects
- Heat, mechanical, chemical and surface treatments
- Residual stresses: detection and assessment
- Case Studies and Case Histories

**Professor Dario Croccolo**  
**Industrial Engineering Dept., University of Bologna**  
**Tel: +39 051 2093413**  
**Email: [dario.croccolo@unibo.it](mailto:dario.croccolo@unibo.it)**

**Professor Giorgio Olmi**  
**Industrial Engineering Dept., University of Bologna**  
**Tel: +39 051 2093455**  
**Email: [giorgio.olmi@unibo.it](mailto:giorgio.olmi@unibo.it)**