



19th INTERNATIONAL CONFERENCE ON EXPERIMENTAL MECHANICS

Kraków, Poland, July 17-21, 2022



CALL for Papers!

Special Session

on

(1) Additive Manufactured Materials: Production, Experiments and Applications

Organised by Dario Croccolo, Giorgio Olmi

Industrial Engineering Department

University of Bologna, Italy

**Under the auspices of
19th International Conference on Experimental
Mechanics, ICEM - 2022
Krakow, Poland
July 17-21, 2022**

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**



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- **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**

Abstract Deadline: February 7th, 2022

Abstract Submission : <https://icem19.org>

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