Special Issue

Innovative Rapid Tooling in Additive Manufacturing Processes

Message from the Guest Editors

Rapid tooling represents a hybrid approach, combining the production of tools for traditional processes with additive manufacturing. This strategy could be the optimal solution to achieve faster production times while keeping conventional processes economically viable, even as production rates decrease. This Special Issue explores ongoing research in additive manufacturing technologies, tool materials, tool design, and industrial applications, focusing on the potential of rapid tooling to transform the metalworking industry.

- additive manufacturing
- 3D printing
- design for additive manufacturing
- topology optimization
- conformal cooling
- lattice structure
- material extrusion
- power bed fusion
- rapid casting
- rapid forming

Guest Editors

Dr. Luca Giorleo

Dr. Gianluca Trotta

Dr. Alessia Teresa Silvestri

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Journal of Manufacturing and Materials Processing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmmp@mdpi.com

mdpi.com/journal/jmmp

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About the Journal

Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (*JMMP*)(ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP.*

Editor-in-Chief

Prof. Dr. Steven Y. Liang
George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0405, USA

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