Special Issue

Advances in Metal Additive Manufacturing/3D Printing

Message from the Guest Editors

Additive manufacturing (AM) has received considerable attention in the last two decades in both industry and academia, owing to its unique advantages over conventional manufacturing processes in terms of prototyping, design complexity, and near-net-shape production. The purpose of this Special Issue is to provide a forum for researchers from academic and industrial researchers to discuss recent advances and future directions in the field of metal AM. For this Special Issue on "Advances in Metal Additive Manufacturing/3D Printing", we invite submissions that describe advances in metal AM technologies and contribute to the scientific understanding of these technologies and methods through theoretical and/or experimental aspects of one or more of the following example topic areas:

- Novel metal additive manufacturing processes and applications;
- Advancements in developing new alloys for metal AM;
- Progresses in materials characterization and modeling for metal AM;
- 3D printing of large-scale components for industrial applications;
- Innovative methods and applications for post-processing;
- Machine learning, data science, and artificial intelligence for metal AM.

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Deadline for manuscript submissions

closed (30 June 2023)

Journal of Manufacturing and Materials Processing

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 5.1

mdpi.com/journal/jmmp

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

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