

Special Issue

Advances in Additive Manufacturing and Material Characterization Techniques

Message from the Guest Editors

This Special Issue aims to distribute fundamental and applied research across several key areas to address these issues. By shedding light on recent advancements in AM technologies, materials, characterization and testing techniques, challenges and limitations, design considerations, cost analysis, and industrial applications, this Special Issue aims to facilitate a comprehensive understanding of the opportunities presented by AM. We encourage you to submit your research in the fields below to promote knowledge sharing and encourage progress in additive manufacturing. Submissions are welcomed that include, but are not limited to, the following research areas:

- Material testing and characterization;
- Defect analysis in additively manufactured products;
- Topology and shape optimization;
- Design for Additive Manufacturing (DfAM);
- Industrial applications;
- Macro additive manufacturing;
- Micro additive manufacturing;
- Additive manufacturing post-processing;
- Additive manufacturing standardization;
- Additively manufactured materials;
- Cost modeling of additive manufacturing processes.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)



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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
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