

## Special Issue

# Advanced Welding Processes, Additive Manufacturing and Numerical Models: 2nd Edition

### Message from the Guest Editor

Welding and additive manufacturing are key technologies in the modern manufacturing industry that increasingly require high-quality products, high-volume deposition, and high-temperature application. This Special Issue aims to highlight the latest progress on the welding process and additive manufacturing development towards the fabrication of new structures, the innovation of functional materials, and the optimization of manufacturing processes. Full-length research articles on welding technology development, weld consumables, powder material, the additive manufacturing process, numerical modeling, and process monitoring and control, among other topics, are welcome. The world's leading experts in the field of welding and additive manufacturing will be invited to submit their findings. Accepted papers will be available via open access for the whole research community in order to increase the visibility of the authors' innovative research findings.

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### Guest Editor

Dr. Hui Huang

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### Deadline for manuscript submissions

31 January 2026



## Journal of Manufacturing and Materials Processing

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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*.

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### Editor-in-Chief

Prof. Dr. Steven Y. Liang  
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