

Special Issue

Advances in Machining of Difficult-to-Cut Materials

Message from the Guest Editors

In this *JMMP* Special Issue, we are inviting submissions on new investigations, findings and advances in the machining of difficult-to-cut materials such as nickel and titanium alloys, stainless steels, additively manufactured alloys, refractory metals, metal matrix and ceramic matrix composites, CFRP, etc. This includes but is not limited to:

- Fundamental understanding of material behaviour during cutting;
- New methods and technologies to improve machining performance;
- Hybrid and assisted machining processes;
- Cutting tools and cooling/lubrication technologies;
- Surface integrity analysis;
- Computational, analytical and data-driven modelling;
- Sustainable machining;
- Process monitoring and control.

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Deadline for manuscript submissions

closed (31 May 2024)



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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).