

Special Issue

Advances in Metallic Materials Machining

Message from the Guest Editor

We are pleased to invite you to publish original contributions in the area of metallic materials machining. Research in the machining area is very important for understanding physical principles, building a knowledge base, innovation in industry and business, and improving environmental conditions. Specific research areas of interest for this Special Issue may include (but are not limited to) the following:

I:

- Advances in machining of metallic materials
 - a: Theoretical and practical achievements in machining of materials
 - b: Material preparation methods
 - c: Chip formation
 - d: Machinability
 - e: Physical manifestations of machining
 - f: Surface integrity
 - g: Structural alternations
 - h: Machining of special materials
 - i: Special machining methods

II:

- Advances in tool materials
 - a: Theoretical and practical achievements in machining tool materials
 - b: Material preparation methods
 - c: Treatment and coatings
 - d: Wear mechanisms
 - e: Tool life

Guest Editor

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Deadline for manuscript submissions

closed (22 November 2022)



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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

Prof. Dr. Yong Zhang

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manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2025).