

Special Issue

Optimization and Analysis of Metal Cutting Processes

Message from the Guest Editors

At present, metal cutting processes are in constant development concerning both the analysis of physical phenomena in machining processes and the ways to optimize these processes for application in various machining techniques (both macro and micro machining). This special issue focuses on the high quality research papers devoted to subtractive manufacturing methods (or cutting processes). We would like to kindly invite all researchers interested in widely understood machining process research to present their results in papers related to both experimental and theoretical studies. This will allow to create a joint study of researchers on subtractive manufacturing methods useful for further work in the field of understanding and developing this area of science.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 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 18.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).

