





an Open Access Journal by MDPI

Optimization and Analysis of Metal Cutting Processes

Guest Editors:

Dr. Tadeusz Mikolajczyk

Department of Production Engineering, University of Science and Technology, Bydgoszcz, Poland

Dr. Danil Yurievich Pimenov

Department of Automated Mechanical Engineering, South Ural State University, 454080 Chelyabinsk, Russia

Dr. Munish Kumar Gupta

Faculty of Mechanical Engineering, Opole University of Technology, 45-271 Opole, Poland

Deadline for manuscript submissions:

closed (31 December 2022)

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.











an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

Message from the Editorial Board

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 metallurgical field the 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.

Author Benefits

Open Access: free for readers, with <u>article processing charges (APC)</u> paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science),

Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Metallurgy & Metallurgical Engineering) / CiteScore - Q1 (Metals

and Alloys)

Contact Us