



## Tribological and Wear Behavior of Metallic Materials

Guest Editors:

**Prof. Dr. Miguel Angel Selles Canto**

Department of Mechanical and Materials Engineering, Universitat Politècnica de València, 03801 Alcoy, Spain

**Prof. Dr. Samuel Sanchez Caballero**

Institute of Design and Manufacturing (IDF), Universitat Politècnica de València (UPV), Plaza Ferrándiz y Carbonell 1, 03801 Alcoy, Spain

Deadline for manuscript submissions:

**closed (31 March 2022)**

### Message from the Guest Editors

Tribology is the science of friction, wear, and lubrication. It is a multidisciplinary science that studies the relationships between two surfaces subjected to a relative motion. Its study allows the improvement of the efficiency, performance, and durability of the involved parts.

The need to launch this special issue is due to the continuous evolution of current research trends on the study and tribological behavior of two or more surfaces, where at least one is metallic. Therefore, the issue objective is to collect the advances in the studies of tribological properties, in the different types of wear and in the improvements in lubrication. The special issue also focuses on the theoretical aspects of tribology.

Original works are invited on any aspect related to the tribological study of metals, coatings, heat treatments, bio-tribology, etc. Articles and reviews on fundamentals or applications are accepted.





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 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) 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 and Metallurgical Engineering*) / CiteScore - Q1 (Metals and Alloys)

## Contact Us

---

Metals Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/metals](http://mdpi.com/journal/metals)  
[metals@mdpi.com](mailto:metals@mdpi.com)  
[X@Metals\\_MDPI](https://twitter.com/Metals_MDPI)