

Special Issue

Tribological and Wear Behavior of Metallic Materials

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.

Guest Editors

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Deadline for manuscript submissions

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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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