

## Special Issue

# Recent Advances in High-Performance Steel

### Message from the Guest Editors

High-performance steel, known for its exceptional mechanical properties, finds wide-ranging applications in fields such as automotive, aerospace, construction, and energy. This Special Issue aims to provide a platform for researchers to share their latest findings and innovative advancements in the field of high-performance steels. We welcome submissions from various disciplines, including but not limited to the following: understanding of the microstructure and properties of high-performance steel, maximization and optimization of the mechanical properties of high-performance steels through tailoring the microstructure, synergistic design of novel microstructure achieving high-performance of steels, manufacturing and enhancement of high-performance/multi-functional components, green and efficient processing technologies, as well as wear resistance, fatigue resistance, creep, and damage resistance of steel.

### Guest Editors

Prof. Dr. Fei Yin

Prof. Dr. Lin Hua

Prof. Dr. Jian Wang

### Deadline for manuscript submissions

31 October 2025



## Metals

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## About the Journal

### 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.

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### Editors-in-Chief

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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).