

Special Issue

Recent Advances in High-Performance Steel (2nd Edition)

Message from the Guest Editors

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, and 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

closed (30 June 2026)



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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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