# Special Issue

# Advanced Rolling Technologies of Steels and Alloys

# Message from the Guest Editors

This Special Issue of Metals is dedicated to exploring the latest scientific and technological advancements in the field of rolling technologies for a wide spectrum of metallic materials. The scope encompasses fundamental research and industrial innovations related to the rolling of steels, non-ferrous alloys—including aluminium, magnesium, copper, and titanium—into various product forms such as sheets, plates, strips, tubes, pipes, structural sections, bars, and wire.

A key focus will be on novel rolling processes and the development of next-generation equipment designed to achieve superior properties, enhanced efficiency, and improved sustainability. Furthermore, this Special Issue will highlight the production of metal matrix composites (MMCs) and the manufacturing of laminated or cladding composites, where rolling is essential for creating robust metallurgical bonds between dissimilar metals. The processing of advanced functional materials is also strongly encouraged to contribute.

- rolling
- twin-roll casting
- pass design
- strip
- pipe
- wire
- bar
- composite materials

### **Guest Editors**

Dr. Ce Ji

Prof. Dr. Zbigniew Pater

Prof. Dr. Laszlo J. Kecskes

## **Deadline for manuscript submissions**

30 April 2026



# **Metals**

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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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### **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

## **Journal Rank:**

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Metals and Alloys)

# **Rapid Publication:**

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).

