

Special Issue

Novel Insights and Advances in Steels and Cast Irons

Message from the Guest Editors

It is our pleasure to announce to you the Special Issue of *Metals* entitled “Novel Insights and Advances in Steels and Cast Irons” The success of our previous special issue on cast irons highlights the significance and interest surrounding this subject. In this light, we invite you to submit valuable contributions to this special issue to provide a more comprehensive and critical understanding of cast irons and ferrous alloys. The aim of this Special Issue is to collect full papers, communications, and review articles concerning the latest advancements and emerging trends in steels and cast irons, with a special focus on technological innovation related to these alloys. Submissions of works (including case studies, experimental and/or analytical approaches) dealing with recent development in improving the microstructural, mechanical, tribological and corrosive resistance in different industrial fields are also encouraged. We are pleased to invite you to submit original research articles for this Special Issue to be published in the open access journal *Metals*. High-quality papers from researchers in the scientific community and industry are welcome.

Guest Editors

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Deadline for manuscript submissions

20 March 2025



Metals

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 4.9



mdpi.com/si/196436

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2024).