

Special Issue

Feature Papers in Crystallography and Applications of Metallic Materials (2nd Edition)

Message from the Guest Editor

This Special Issue is the second edition. This edition will be devoted to research work on metallic materials (steels, Co-based, Ni-based, Al-based, Ti-based, Cu-based, Fe-based, and so on) and the study of their microstructure and properties, based on searching for relationships between structure, properties, and applications. Review papers are welcomed. Likewise, manuscripts that explore the influence of composition and/or processing, including thermal annealing, applied pressure or electromagnetic field, are expected. Moreover, in addition to fundamental studies, more complex experimental studies that take into account crystallization, anisotropy, texture, and/or crystallographic defects and theoretical studies (ab initio, modeling, simulation, etc.) are also sought.

Guest Editor

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Deadline for manuscript submissions

closed (20 March 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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manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18.7 days after
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