

Special Issue

Thermal and Structural Properties of Shape Memory Alloys

Message from the Guest Editors

The aim of this Special Issue is to present the work conducted on different SMAs by considering important variables such as chemical composition, microstructure, and thermal properties. Experts are invited to submit papers related to experimental research, applications, simulation, and modeling of the various aspects of SMAs. In addition, studies on the effect of new processes such as additive manufacturing on the microstructure and SME are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



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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 submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).