

Special Issue

Nanocrystalline Microstructure of Alloys and Intermetallic Compounds

Message from the Guest Editor

I have been invited to be a of a Special Issue of the journal *Metals*, and thus encourage you to submit research papers for publication in this Issue of the journal. The emphasis is placed on original contributions to the field of the nanocrystalline microstructure of alloys and intermetallic compounds, covering theoretical aspects, realistic modelling, and computer simulation of the problem. It is proposed to pay attention to the nanostructures forming near the phase boundaries in alloys and intermetallics, and to study their influence on the physical and physicomechanical properties of the materials. I believe that the collection of papers in this Issue will be of interest for researchers working in this and related fields.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2021)



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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 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).