Special Issue

Application of Computers in Metallic Material Engineering

Message from the Guest Editors

The continuous evolution of computer technology represents a great opportunity for the field of metallic material engineering

The aim of this Special Issue “Application of Computer in Metallic Material Engineering” is to disseminate technological advances and their applications, which have been achieved through development of new software, numerical models and simulation techniques, simulation techniques focusing the mechanical behavior, data processing and machine learning models, NDT techniques, process optimization as well automatic quality control systems. Such computer-based development allows the exploration and introduction of new areas of study within metallic materials, such nanotechnology, additive manufacturing process of metals, casting and metal forming process, optoelectronic, magnetic electronic and imaging technologies.

We are pleased to invite researchers, manufacturers, and end-users to contribute to this special issue, which also welcomes review and perspective manuscripts.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)

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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.

Editors-in-Chief

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