Special Issue

Metallic Nanostructured Materials and Thin Films

Message from the Guest Editors

Metallic materials play a vital role in the economic life of modern societies. The aim of this Special Issue is to cover all relevant aspects of the chemical and physical processes of the production, transformation and characterization of metallic materials in bulk, thin films, nanostructures and/or nanocomposites, as well as modeling aspects involving such structures. Accordingly, this Special Issue welcomes original research and review manuscripts on the challenges and trends covering fundamental and experimental research, with a special focus on the design, synthesis, and characterization of any type of metallic material and/or alloys, and the study of their structure/property relationships. We also welcome manuscripts on the development of new experimental concepts, from the transfer, chemical transformation, and high-resolution patterning of advanced thin films and nanomaterials to the design and fabrication of devices.

Guest Editors

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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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