

Special Issue

Microstructure and Properties of High Temperature Intermetallic

Message from the Guest Editor

High-temperature intermetallic materials possess low density and excellent high-temperature mechanical properties and are vital for improving the properties of the hot components of aeroengines, land-based gas turbines, turbo-generator sets, etc. However, these materials are brittle and hard to mold into the final shape. This Special Issue aims to understand the relationship between the microstructure and properties of high-temperature intermetallic, including the alloy design, fabrication process, microstructural characterization, and microstructural degradation. Kind regards,

Guest Editor

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Deadline for manuscript submissions

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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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