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Characterization of Metallic Materials: Microstructure, Forming and Heat Treatment (Second Edition)

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submissions:

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Message from the Guest Editors

This Special Issue features research and review articles on the characterization of metallic materials in various material behaviors, such as solidification, forming, and heat treatment. This Special Issue focuses on all characterization methods, including all forms of microscopy (transmission electron microscope, scanning electron microscope, etc.) and analytical techniques on microstructure, interface, surface, etc. Studies focusing on analysis using computational science are also welcome. Recent studies dealing with the behavior of materials in various phenomena (solidification, phase transformation, oxidation, diffusion, deformation, and so on) that can occur in processes such as casting, plastic working, and heat treatment are suitable for publication in this Special Issue. This Special Issue aims to provide materials scientists with up-to-date information explaining the behavior of many types of metallic materials using novel approaches. This Special Issue covers all kinds of metallic materials.



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Special Issue



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Message from the Editorial Board

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