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Research on Heat Treatment of Advanced Metallic Materials (2nd Volume)

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Deadline for manuscript submissions:

closed (20 April 2024)

Message from the Guest Editors

Advanced metallic materials are the strong foundation of modern industry. Metallic materials commonly serve as structural or functional materials for innovative designs targeting properties such as lightweight, heat resistance, wearing resistance, etc. Excellent functional properties are important for more attractive and efficient products in terms of improved properties or lower production costs. Heat treatment is a classic approach to adjust the microstructure and even the corresponding properties of advanced metallic materials.

This Special Issue aims to cover recent progress and new developments in relationships between the microstructure and service properties of advanced metallic materials after heat treatment. All aspects related to heat treatment involving physical and numerical simulation, microstructural characterization, thermal–mechanical behavior, equipment, process design concepts, etc., are within its scope. Review articles that describe the current state of the art are also welcomed.



mdpi.com/si/170648

Special issue



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Message from the Editor-in-Chief

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