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Research on Heat Treatment of Advanced Metallic Materials

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Message from the Guest Editors

Heat treatment is a classic approach to adjust the microstructures and the corresponding properties for advanced metallic materials. Along with the rapid developments of advanced high resolution and analytical tools, and advanced heat treatment equipment and process design concept, our understanding of the structure-property relationships of advanced metallic materials have been tremendously extended. Consequently, excellent and even unthinkable serving performances have been achieved. It is always believed that the numerous innovations of heat treatment contribute to the innovative design in advanced metallic materials significantly.

This Special Issue aims at covering recent progress and new developments in relationships between the microstructure and serving properties of advanced metallic materials after heat treatment. All aspects related to heat treatment involving physical and numerical simulation, microstructural characterization, equipment, process design concept, etc. are covered. Review articles which describe the current state of the art are also welcomed.

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Message from the Editor-in-Chief

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