



Structural Phenomena in Modern Metallic Materials

Guest Editor:

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Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editor

Dear Colleagues and Researchers,

The ever-increasing requirements of industry and commerce on the performance and longevity of components produced from metallic materials have encouraged the research and development of innovative engineering materials based on iron/steel, and other nonferrous metals. The properties of modern materials and alloys ensue from their structures, which can primarily be affected by their chemical composition and the distribution of the individual elements/phases, as well as by applied preparation/production technologies.

A favourable way to effectively enhance the properties of metallic materials is grain refinement. However, other structural phenomena, such as substructure development, volumes and types of grains boundaries, texture formation, as well as the possible occurrence of residual stress and mutual diffusion of the individual phases non-negligibly affect the final mechanical and utility properties, too.

It is my pleasure to invite you to submit your scientific manuscripts to the presented Special Issue. Full papers, communications, and reviews are all welcome.





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Editor-in-Chief

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Message from the Editor-in-Chief

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