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Forming and Heat Treatment of Modern Metallic Materials

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Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is open to anyone who is familiar with the current state of metal forming and/or heat treatment technologies. Papers about conventional and non-conventional technologies of metal forming, rolling processes, production of tubes, forming of aluminum alloys and heating, as important elements of every heat molding process and in the protection of active parts of forming tools, are welcome. Hardening, tempering, and annealing, as well as standard procedures of heat treatment, without which it is not possible to perform any metal forming or heat treatment, and their irreplaceable roles are also of interest. Papers exploring mathematical and physical simulation introduced processes are also welcome.

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Message from the Editorial Board

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.

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Journal Rank: JCR - Q2 (*Metallurgy and Metallurgical Engineering*) / CiteScore - Q1 (Metals and Alloys)

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