



High Performance Nonferrous Alloys: Composition, Microstructure and Properties

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The development of new nonferrous metallic constructive and functional materials with a desired structure results in beneficial combinations of mechanical properties and performance. Various thermo-mechanical treatments are widely used to produce metallic materials, with a preferred microstructure achieved owing to the diverse mechanisms of its evolution. The knowledge about the effect of the composition and applied techniques, as well as the processing window on the structural changes in the nonferrous alloys provides the development of manufacturing methods of structural materials with an enhanced performance. The aim of this Special Issue is to present the latest achievements in the theoretical and experimental investigations of the composition and microstructural changes in various nonferrous materials subjected to different processing methods, and of their performance. In conclusion, it is my pleasure to invite all researchers from the community of nonferrous metals and alloys to submit a manuscript in the field for this Special Issue.





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Message from the Editor-in-Chief

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