



Structure and Mechanical Properties of Transition Group Metals, Alloys, and Intermetallic Compounds

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Message from the Guest Editor

Dear Colleagues,

The development of metallic/intermetallic constructive materials with desired structures results in beneficial combinations of mechanical properties. Various thermo-mechanical treatments are widely used to produce metallic materials with preferred microstructures, achieved owing to diverse mechanisms of evolution. Knowledge regarding the effect of applied techniques and processing windows on the structural changes in metals, alloys and intermetallic compounds provides the development of manufacturing methods of structural materials with enhanced mechanical properties. The aim of this Special Issue is to present the latest achievements in theoretical and experimental investigations of mechanisms of microstructural changes in various metallic materials subjected to different processing methods, as well as their effect on mechanical properties. It is my pleasure to invite all researchers from the community of transition group metals, alloys, and intermetallic compounds to submit a manuscript in the field for this Special Issue.





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