

Special Issue

Advanced Technologies for Metallurgy of Metal and Alloy Materials

Message from the Guest Editors

This Special Issue provides an international medium for the publication of theoretical and experimental studies related to the load-bearing capacity of materials as influenced by their basic properties, processing methods, microstructure and operating environment.

Submissions should include scientific and/or engineering factors which affect the microstructure–strength relationships of materials and report the changes to mechanical behavior. The following aspects of the science and engineering of metals or alloy materials are of particular interest: (i) advanced experiments and theory as they relate to the understanding of the properties, and (ii) characterization of the structure and chemistry of materials specifically as it relates to the understanding of the properties.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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