

## Special Issue

# Research on Microstructure and Mechanical Properties of Metallic Materials and Metal-Matrix Composites

### Message from the Guest Editor

It is well-known that the microstructures of metals and metal-matrix composites have significant effects on their mechanical properties, while the material constituent, preparation and processing processes determine the microstructures of metals and metal-matrix composites. Therefore, study on the relationship between the microstructure and properties of materials is an eternal topic. This Special Issue will focus on the recent research progress on microstructure and mechanical properties of metallic materials or metal-matrix composites, so as to provide a new insight into the current status and future prospects in this field. It is my great pleasure to invite everyone to submit a manuscript for this Special Issue. Full papers, communications, or reviews on any aspect of microstructure and mechanical properties of metals and metal-matrix composites are all welcome.

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### Guest Editor

Dr. Xian Luo

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### Deadline for manuscript submissions

closed (30 April 2022)



## Metals

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

Prof. Dr. Yong Zhang

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