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Metal Matrix Composites: Fabrication, Mechanical Properties and Application

Guest Editor:

Dr. Pengchao Kang

School of Materials Science and Engineering, Harbin Institute of Technology, Harbin, 150001, China

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Message from the Guest Editor

Metal matrix composites are promising materials that combine the advantages of matrix and reinforcement. They have the characteristics of good designability by adjusting the shape and content of the reinforcement, controlling the interface reaction and adopting different fabrication techniques; they will have the properties that conventional materials cannot have. They have wide application prospects in the fields of aerospace, automobile electronics, shipbuilding, etc.

This Special Issue aims to provide a platform for researchers worldwide to showcase their work in the domains of manufacturing, mechanical properties and application of metal matrix composites in recent years.



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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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Metals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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