Special Issue

Recent Trends in Metal Matrix Composites

Message from the Guest Editor

Metal-based composites provide a unique dimension in tailoring the properties of metals primarily through the selection of type, size, and amount of reinforcement, type of processing, and thermal treatment. The properties of metallic matrices, therefore, can be tailored depending on the end applications. In view of the dynamic functional capabilities that can be exhibited by MMCs, this Special Issue will cover all aspects of "Metal Matrix Composites", including synthesis (solid, liquid, 2-phase, and 3D printing), secondary processing, effects of thermal treatments, properties (tensile, compressive, fatigue, impact, creep, tribological, etc.), corrosion behavior, and joining techniques. The main objective, thus, will be to bring the latest results in the area of metal matrix composites to the research community worldwide. Keywords

- processing: primary and secondary
- microstructure
- properties
- tribology
- corrosion
- machinability
- joining

Guest Editor

Prof. Dr. Manoj Gupta

Department of Mechanical Engineering, National University of Singapore, Singapore 117576, Singapore

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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