



Current State-of-the-Art of Metal Matrix Composites

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue is devoted to showing the current state-of-the-art of metal matrix composites in various fields. During the past half-century, breakthroughs and innovations in material system design, fabrication methods, and processing technologies of MMCs have been achieved. MMCs have also been widely used in aerospace, aviation, electronics, nuclear power, and ground transportation. Recently, the high-throughput research strategy has been used on MMCs to shorten the research cycle based on material genetic engineering ideas. This Issue particularly welcomes works related to the low-cost fabrication and processing, novel microstructure design and evolution, mechanical or functional behavior, modification treatment, simulation, advanced characterization,, and interface study at the atomic scale of MMCs. We hope that this Special Issue with high-level research papers will play a positive role in promoting the rapid development of MMCs.





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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.

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