Special Issue

Advances in Metal Matrix Composites: Structure, Properties and Applications

Message from the Guest Editors

Metal matrix composites (MMCs) are attractive materials due to their unique properties that stem from combining a wide range of matrix materials and reinforcements. The possibility of tailoring the mechanical response, the thermophysical properties, the chemical and electrical behavior, and the wear properties makes MMCs incredibly interesting. The development of such materials has been driven by various applications in different fields, including automotive, aerospace, electrical and electronic applications.

Given the fast evolution of these materials and the numerous combination possibilities, this Special Issue, "Advances in Metal Matrix Composites: Structure, Properties and Applications", aims to gather studies on the most recent advances in the field. Articles focusing on material modeling, microstructural characterization, wear testing, and mechanical and thermophysical performance at room and high temperatures are welcome. Articles on the sustainability of MMCs, either by recycling the composite or using recycled matrices and reinforcements, are highly encouraged.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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