Special Issue

Advanced Aerospace Materials: Processing, Microstructure, Mechanical Properties and Applications

Message from the Guest Editors

With the rapid development of the aerospace industry, advanced aerospace structural materials are developing in terms of lightweight, high performance, extreme environment resistance, low-cost manufacturing, integration of structure and function, etc. Candidate materials for aerospace industry are continually being developed and improved, and their applications are being expanded.

I am pleased to invite you to this Special Issue, entitled "Advanced Aerospace Materials: Processing, Microstructure, Mechanical Properties and Applications". This Special Issue aims to publish articles related to the processing technology, microstructure, mechanical properties and applications of the advanced materials used in the aerospace industry.

This Special Issue intends to address the latest progress in the field of aerospace materials. Original contributions related to current advanced aerospace materials and their processing techniques, microstructure characterizations, physical/mechanical properties and applications are welcome in the form of short communications, full-length articles, and reviews.

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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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