





an Open Access Journal by MDPI

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

Guest Editors:

Dr. Yufei Zu

Dalian University of Technology, Dalian 116024, China

Dr. Huifang Pang

School of Materials Science & Engineering, Dalian University of Technology, Dalian 116024, China

Dr. Fan Wu

AVIC Manufacturing Technology Institute, Beijing 100024, China

Deadline for manuscript submissions:

closed (15 December 2023)

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.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alessandra Toncelli Department of Physics, University of Pisa, 56126 Pisa, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Crystallography*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us