

Special Issue

Microstructure and Mechanical Behaviour of Structural Materials: 3rd Edition

Message from the Guest Editors

Following the successful second edition of this Special Issue of *Crystals*, we are pleased to announce that submissions to its third edition, "Microstructure and Mechanical Behaviour of Structural Materials: 3rd Edition", are now being accepted. For many years, metallic materials have sparked interest in structural applications all over the world. Their applications range from the advanced aerospace and automotive industries to everyday household items. The performance of structural metallic materials primarily depends on their microstructure, which ultimately defines their mechanical properties. Thus, the microstructure–property relationship is critical in determining the performance behaviour of a structural component in a specific application. This Special Issue focuses on the microstructural characterization, mechanical property evaluation, and deformation behaviour of commercial and advanced structural materials. Our goal is to compile cutting-edge original research (full-length and communication) and review articles that highlight the diverse applications of alloys and steels.

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About the Journal

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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