

Special Issue

Microstructure Evolution During Cold and Hot Deformation

Message from the Guest Editors

This Special Issue focuses on 'Microstructure Evolution during Cold and Hot Deformation,' emphasizing the vital role of studying microstructural changes in determining material properties such as strength, ductility, and toughness. Additionally, it explores the implications of these changes in terms of material performance, including resistance to fatigue, fracture, corrosion, and creep. Beyond traditional materials like steel, titanium alloy, and aluminum alloy, this issue welcomes contributions on advanced materials such as superalloys, nanomaterials, and new lightweight materials, as well as on advanced processing techniques. Moreover, research utilizing numerical models to predict microstructure evolution is also within the scope of this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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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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