Special Issue

Modelling and Experiments Investigation of Crystalline Materials

Message from the Guest Editors

The Special Issue, entitled "Modelling and Experiments Investigation of Crystalline Materials", aims to gather cutting-edge research on the theoretical modelling and experimental investigation of crystalline materials, focusing on their properties, behavior, and applications across various disciplines. We cordially invite researchers from academia, industry, and research institutions to contribute their original research articles and review articles to this Special Issue. The scope of this issue includes, but is not limited to, the following areas: crystal structure determination and characterization techniques; computational modelling and simulation of crystalline materials; the mechanical properties and deformation behavior of crystals; the electronic, optical, and magnetic properties of crystalline materials; phase transitions and phase diagrams in crystalline materials; and the growth and synthesis of crystalline materials. We particularly encourage contributions that present interdisciplinary research, novel methodologies, and innovative experimental or theoretical approaches.

Guest Editors

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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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