Special Issue

Synchrotron-Based X-Ray Techniques for the Study of New Crystalline Materials

Message from the Guest Editor

One of the strengths of modern X-ray science is its endeavor to provide unique tools and methods to understand and picture how atoms interact in the materials that are the basis for new technologies. Understanding materials for electronic devices is an example of the key challenges for which we need to improve our capacity to design future materials, technological processes, etc. Future X-ray science at modern synchrotrons will bridge the gap between visible light and electron microscopy, Application of synchrotron-based techniques could help to unravel the nature of many interactions that remain challenges in condensed-matter physics.

This Special Issue aims at covering all the relevant aspects of synchrotron-based X-ray techniques for the study of materials. Furthermore, articles or short reviews highlighting the several applications of synchrotron-based techniques are also welcome.
Dr. Mikhail PLATUNOV

Guest Editor
Dr. Mikhail Platunov
Kirensky Institute of Physics, Federal Research Center KSC SB RAS, Krasnoyarsk, Russia

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Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

mdpi.com/journal/crystals

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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

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

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