

Special Issue

Application of X-ray and Electron to Crystal Structure Characterization

Message from the Guest Editors

I would like to welcome you to contribute to the latest *Crystals* Special Issue, which aims to share the crucial developments and advances in X-ray and electron diffraction methods being applied to the characterization of high-tech nanoscale crystalline structures. The main aim is to provide novel publications that would be of interest to readers and scholars worldwide. Prospective authors are invited to focus on theoretical and experimental studies that would provide substantial progress in understanding the X-ray and electron diffraction fundamentals that eventually enable the decoding of crystal structure data by means of X-ray structure analysis, coherent X-ray 4D optics, X-ray and electron microtomography, ptychography, and so forth.

Guest Editors

Prof. Dr. Felix Chukhovskii

Dr. Konarev V. Petr

Prof. Dr. Vladimir Vladimirovich Volkov

Deadline for manuscript submissions

closed (11 January 2024)



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

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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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