Special Issue

Poly-Crystalline/Single-Crystalline Diamonds

Message from the Guest Editors

The purpose of this Special Issue is to stimulate the scientific exchange of knowledge between diamond scientists and engineers, both polycrystalline and single crystal. Therefore, we cordially invite scientists and engineers to publish their latest scientific, theoretical and experimental results regarding the kinetics of diamond nucleation and growth, their physical and chemical properties, and their utility in various areas of science and technology (industry, medicine, archaeology, etc). Recent research on the synthesis and utilization of monocrystalline and polycrystalline diamond materials has expanded their potential use in a wide range of existing and future applications, including optics and electronics, but also biomedicine, etc. We also believe that these are vital materials with great potential today and in the near future in the field of solid-state physics, chemistry and engineering. We invite you to contribute to this Special Issue of *Crystals*, entitled "Poly-Crystalline/Single-Crystalline Diamonds", in order to present papers to a multidisciplinary forum addressing the science, technology and applications of diamond.

Guest Editors

Prof. Dr. Kazimierz Paprocki

Faculty of Physics, Kazimierz Wielki University, Jana Karola Chodkiewicza 3, 85064 Bydgoszcz, Poland

Prof. Dr. Kazimierz Fabisiak

Department of Production Engineering Management, University of Bydgoszcz, Unii Lubelskiej 4c, 85059 Bydgoszcz, Poland

Deadline for manuscript submissions

closed (20 January 2025)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/183179

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

mdpi.com/journal/crystals

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/journal/crystals

MDPI

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Crystallography) / CiteScore - Q2 (Condensed Matter Physics)