Special Issue

Semiconductor Nanomaterials Surfaces

Message from the Guest Editor

This Special Issue will be dedicated to a comprehensive overview of current knowledge related to the surface of low-dimensional semiconductor nanomaterials, on aspects of their potential applications. Contributions are invited on a wide range of topics in this general research area, including both reviews and research articles, with a special emphasis on (but not limited to):

- Controlled synthesis of high-quality semiconductor nanomaterials of well controlled surfaces,
- Advanced characterization, including modelling of the surface of semiconductor nanomaterials over different length scales, including their chemical, electronic, morphological and optical properties, with respect to their application,
- Applications of semiconductor functional nanomaterials of well-controlled surfaces in the development of specific semiconductor nanodevices for, among others, nanoelectronics, optoelectronics, and spintronics.

Guest Editor

Prof. Dr. Jacek Szuber

Faculty of Automatic Control, Electronics and Computer Science, Department of Cybernetics, Nanotechnology and Data Processing, Silesian University of Technology, 44-100 Gliwice, Poland

Deadline for manuscript submissions

closed (30 September 2018)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/10862

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

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)