

## Special Issue

# Crystallography of Structural Phase Transformations (Volume II)

### Message from the Guest Editors

All experimental and theoretical contributions about phase transformations and crystallography are welcome in this Special Issue, regardless of the type of material (piezo- and ferroelectrics, structurally hardened alloys, martensitic alloys, ordered alloys, shape-memory alloys, polymorphic minerals, mechanically twinned materials, etc.). Keywords

- phase transformation
- twins
- variants
- algebra
- orientation relationship

---

### Guest Editors

Dr. Cyril Cayron

Swiss Federal Institute of Technology EPFL, Lausanne, Lausanne, Switzerland

Dr. Junfeng Xiao

Swiss Federal Institute of Technology Lausanne (EPFL), Rte Cantonale, 1015 Lausanne, Switzerland

---

### Deadline for manuscript submissions

closed (16 September 2022)



## Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[mdpi.com/si/98908](https://mdpi.com/si/98908)

*Crystals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[crystals@mdpi.com](mailto:crystals@mdpi.com)

[mdpi.com/journal/  
crystals](https://mdpi.com/journal/crystals)





# Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[mdpi.com/journal/  
crystals](https://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, CAPus / SciFinder, and other databases.

#### Journal Rank:

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