



*crystals*

an Open Access Journal by MDPI



## Simulation of Crystallization in Complex Atomic and Particulate Systems

Guest Editor:

Deadline for manuscript  
submissions:  
**closed (20 August 2020)**

### Message from the Guest Editor

Dear Colleagues,

The purpose of the present Special Issue is to host the most recent advances in the computer simulation of crystal nucleation and growth with the intention of highlighting the similarities and differences of the phenomenon as it spans highly diversified atomic and particulate systems. Accordingly, this Special Issue is open to simulation works crossing interdisciplinary fields and coming from different research backgrounds.

Given the focus on the simulation aspects of crystallization, this Special Issue also accepts manuscripts detailing developments in related algorithms and methodologies.

Prof. Dr. Nikos Ch. Karayiannis  
*Guest Editor*



[mdpi.com/si/32640](https://mdpi.com/si/32640)

# Special Issue



*crystals*



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Alessandra Toncelli**

Department of Physics, University  
of Pisa, 56126 Pisa, PI, Italy

## 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.

## 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](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Crystallography*) / CiteScore - Q2 (*Condensed Matter Physics*)

## Contact Us

---

*Crystals* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/crystals](http://mdpi.com/journal/crystals)  
[crystals@mdpi.com](mailto:crystals@mdpi.com)  
[X@Crystals\\_MDPI](https://twitter.com/Crystals_MDPI)