



*crystals*



an Open Access Journal by MDPI

## Diamond Crystals Volume II

Guest Editor:

**Prof. Dr. Yuri N. Palyanov**

1. VS Sobolev Institute of Geology and Mineralogy, Siberian Branch of Russian Academy of Sciences, 630090 Novosibirsk, Russia

2. Geology Geophysics Department, Novosibirsk State University, 630090 Novosibirsk, Russia

Deadline for manuscript submissions:

**closed (30 November 2020)**

### Message from the Guest Editor

We invite researchers to contribute to the Special Issue “Diamond Crystals Volume II”, which is intended to serve as a multidisciplinary forum covering broad aspects of the science, technology, and application of synthetic and natural diamonds. The predecessor Special Issue, “Diamond Crystals”, appeared in *Crystal* in 2017, and was well received by the community. The original research articles published in this Special Issue have gained more than 50 citations to date, and the printed edition of the Issue is currently available.

Potential topics include, but are not limited to, the following:

- Synthesis and growth of diamond crystals
- Genesis of natural diamonds
- Diamond morphology
- Real structure and properties of synthetic and natural diamonds
- Characterisation of diamonds by spectroscopic, microscopic, and other advanced techniques
- Exploitation of the remarkable properties of diamonds in various existent and emerging applications



[mdpi.com/si/27437](https://mdpi.com/si/27437)

# 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 *Crystal*, 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 *Crystal*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the crystal, 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)  
[@Crystals\\_MDPI](https://twitter.com/Crystals_MDPI)