

Special Issue

Bent-Shaped Liquid Crystals and Beyond

Message from the Guest Editors

This Special Issue is intended to serve as a multidisciplinary forum covering broad aspects of physics, chemistry, and technological applications of bent-shaped liquid crystals. The topics include:

- Synthesis of BLCs
- Nanostructured phases
- Polarity and chirality
- Optical and photonic properties
- BLCs in restricted geometry
- Effects at surfaces and interfaces
- Rheology
- Applications in technology and medicine

We cordially invite researchers to contribute to this Special Issue on “Bent-Shaped Liquid Crystals and Beyond”.

Guest Editors

Prof. Dr. Alexey Eremin

Institute of Physics, Otto von Guericke University, Universitätsplatz 2, D-39106 Magdeburg, Germany

Prof. Dr. Fumito Araoka

RIKEN Center for Emergent Matter Science, 2-1 Hirosawa, Wako, Saitama 351-0198, Japan

Deadline for manuscript submissions

closed (30 June 2020)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/38571

Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)