

Special Issue

Advances in Synchrotron Radiation Applications for Crystal Structure Studies

Message from the Guest Editor

This Special Issue provides a forum for reports on technical developments and their applications, and for novel research in areas of crystallography that depend on, or benefit from, the use of synchrotron facilities. Scientists working in a wide range of disciplines are invited to contribute to this collection. The topics presented in the keywords cover broadly the focus of this Special Issue, but do not restrict it, as synchrotron applications in crystallography are growing and are likely to include particular approaches that have not yet been described; innovative contributions are particularly welcomed. **Keywords**

- Synchrotron crystallography beamlines
- Data collection and processing
- Crystal structures from synchrotron data
- Exploitation of high intensity, focusing and collimation
- Use of wavelength tunability
- Photocrystallography and other time-resolved studies

Guest Editor

Prof. Dr. William Clegg

School of Natural and Environmental Sciences, Newcastle University,
Newcastle upon Tyne, UK

Deadline for manuscript submissions

closed (30 September 2017)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/8641

Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

mdpi.com/journal/

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





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, CAPlus / SciFinder, and other databases.

Journal Rank:

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