



crystals



an Open Access Journal by MDPI

Structural Investigation of Ceramic Materials

Guest Editors:

Prof. Dr. Anton Meden

Faculty of Chemistry and
Chemical Technology, University
of Ljubljana, 1000 Ljubljana,
Slovenia

Prof. Dr. Tadej Rojac

Electronic Ceramics Department,
Jozef Stefan Institute, Jamova
cesta 39, 1000 Ljubljana, Slovenia

Deadline for manuscript
submissions:

closed (15 September 2024)

Message from the Guest Editors

Dear Colleagues,

Ceramics is an evergreen class of materials. It was invented thousands of years ago and has seemingly reached a mature state in various technological applications in recent decades. However, as in other fields, new technologies are opening new opportunities for the use of different types of ceramics in numerous new applications, and new analytical tools are providing deeper insights into the structure of ceramic materials. The latter, "Structural Investigation of Ceramic Materials", is the focus of the proposed Special Issue of Crystals. Manuscripts submitted for this Special Issue may address any type of ceramic and focus on the structure of any dimension, from atomic to micrometric, that is relevant to the properties of the ceramic material. Studies on ordered and disordered structures, including the description of various structural defects and the atomic structures of extremely small nanoparticles, are welcome. The Special Issue aims to provide an overview of how deep insights into the structure of ceramics are currently possible and what the challenges in this field are for the near future.



mdpi.com/si/113751

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alessandra Toncelli

Department of Physics, University
of Pisa, 56126 Pisa, 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](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Crystals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/crystals
crystals@mdpi.com
[X@Crystals_MDPI](#)