



Recent Advances in Non-destructive Testing Methods

Guest Editors:

Dr. Peng Song

School of Mechatronics
Engineering, Harbin Institute of
Technology, Harbin 150001,
China

Prof. Dr. Junyan Liu

School of Mechatronics
Engineering, Harbin Institute of
Technology, Harbin 150001,
China

Dr. Hong Tang

School of Astronautics, Harbin
Institute of Technology, Harbin
150001, China

Deadline for manuscript
submissions:

closed (31 December 2024)

Message from the Guest Editors

As a flexible and fast general technology, non-destructive testing and evaluation (NDT&E) technology has been widely used for the characterization of the performances of products, such as solar cells and composites materials. Recent innovations have been driven by advanced sensing, signal processing methods, materials, artificial intelligence, and various applications. The ability to non-invasively assess the internal characteristics, defects, and properties of materials is not only crucial for ensuring the safety, reliability, and good performance of critical infrastructure and industrial components but also holds promise for advancing fundamental research and innovation across diverse disciplines.

The primary aim of this Special Issue is to showcase the latest advancements in, methodologies related to, and applications of non-destructive evaluation techniques. Our goal is to foster interdisciplinary dialogue, facilitate knowledge exchange, and inspire collaborative endeavors that push the boundaries of what is achievable through non-destructive evaluation methods.





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](#), [Ei Compendex](#), [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](#)