

## Special Issue

# Synthesis and Structure of Nanocomposites

### Message from the Guest Editors

This Special Issue brings together cutting-edge research focused on the synthesis methods, structural design, and application-driven development of nanocomposites across diverse material platforms. By integrating insights from chemistry, materials science, and engineering, the collected works highlight novel strategies for achieving precise control over nanocomposite architecture and function. The Issue spans a broad spectrum of nanocomposite types, with emphasis on three key areas:

- Polymer Nanocomposites: This section features studies that explore the incorporation of nanofillers into polymer matrices.
- Metal Matrix Nanocomposites (MMNCs): This section features research on incorporating ceramic nanoparticles into metallic matrices.
- Biomedical Nanocomposites: Contributions in this area focus on the development of nanocomposites for drug delivery, tissue engineering, and antimicrobial surfaces.

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### Guest Editors

Dr. Sonia Letichevsky

New Wave Tech, Duque de Caxias 25230-030, RJ, Brazil

Dr. Zahra Heydari

Departamento de Engenharia Química e de Materiais, Pontifícia Universidade Católica do Rio de Janeiro, Rio de Janeiro 22451-900, RJ, Brazil

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### Deadline for manuscript submissions

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## Crystals

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*Crystals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[crystals@mdpi.com](mailto:crystals@mdpi.com)

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## 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.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli  
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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