

Special Issue

Zeolites: Synthesis and Applications

Message from the Guest Editors

Zeolites are of the few materials widely used in our everyday life: starting from personal consumption (detergents, cosmetics, etc.), to pharmaceuticals, medical, environmental, and major industrial applications. Due to their importance and wide use, new advances in preparing zeolites are of constant interest. This includes investigating greener preparation methods with less or no organic structural directing agents and engineering hierarchical zeolites and nanosized zeolites.

Investigating the crystallization mechanism and characterizing zeolites through advanced spectroscopic techniques pave the way for a deeper understanding of their properties and forecast their behavior in the targeted application, or new possible ones.

In this Special Issue, we invite contributions from all areas of zeolites. Topics include but are not limited to green synthesis methods of zeolites and related microporous materials, in situ incorporation of guest species or post-synthetic modification of zeolites, understanding zeolite crystallization, characterization of zeolites, and interdisciplinary applications.

Guest Editors

Dr. Moussa Zaarour

Dr. Sarah Komaty

Dr. Hussein Awala

Dr. Huan Doan

Deadline for manuscript submissions

closed (31 December 2021)



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

Editor-in-Chief

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

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