

## Special Issue

# Crystalline Adsorbents—in Theory and Practice

### Message from the Guest Editors

We invite researchers to contribute to the Special Issue titled “Crystalline Adsorbents—in Theory and Practice”, which is intended to serve as a unique multidisciplinary forum on theoretical, computational, and experimental science and engineering, including technology and application of crystalline adsorbents. The potential topics include, but are not limited to, the following:

- Synthesis, development, and characterization of crystalline adsorbents
- Zeolite and zeolite-like materials
- Clays and clay-like materials
- Composite and hybrid sorbents
- Quantitative structure–property relationships
- Computational property prediction and modelling
- Water treatment and remediation
- Gas adsorption and separation
- Soil remediation
- Novel practical applications of crystalline adsorbents

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### Guest Editors

Dr. Andrey E. Krauklis

Prof. Dr. Maris Klavins

Ms. Rūta Ozola-Davidāne

Dr. Christian Wolfgang Karl

Dr. Juris Burlakovs

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### Deadline for manuscript submissions

closed (25 August 2021)



## Crystals

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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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