

## Special Issue

# A 10 Years Journey: Chemical, Physical, and Biological Properties and Applications of Crystals

### Message from the Guest Editors

This is the topic the journal *Crystals* has focused on for the last 10 years. To mark this anniversary, a Special Issue edited by the editor in chief and all section editors is inviting all editorial board members as well as prominent scientists in the field for contributions. The coverage of topics of this Special Issue is as broad as that of the journal, ranging from nucleation, growth, processing, and characterization of crystalline and liquid crystalline materials to the mechanical, chemical, electronic, magnetic, and optical properties of crystals as well as the diverse applications of (nano)crystalline materials. In addition, all modern methods for the characterization of crystal nucleation and growth are of interest, including high resolution characterization techniques such as synchrotron radiation or X-ray free electron laser-based techniques.

We especially invite contributions from the four major sections of crystals, namely, liquid crystals, crystalline materials, crystal engineering, and biomolecular crystals.

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### Guest Editors

Prof. Dr. Helmut Cölfen

Prof. Dr. Abel Moreno

Prof. Dr. Charles Rosenblatt

Prof. Dr. Sławomir Grabowski

Prof. Dr. Shujun Zhang

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### Deadline for manuscript submissions

closed (31 January 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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