

## Special Issue

# Crystal Engineering in Conducting and Magnetic Molecular Materials

### Message from the Guest Editor

Supramolecular design to achieve specific physical properties is an important goal in materials research, where the interplay between different covalent and non-covalent interactions plays a major role in this quest. Non-covalent interactions, such as hydrogen bonds, halogen bonds, chalcogen bonds, and  $\pi$ - $\pi$  interactions, are key crystal engineering tools in the development of the molecular materials field. This Special Issue of *Crystals* aims to publish a collection of state-of-the-art research papers illustrating the recent achievements in the development of crystal engineering in conducting and magnetic molecular materials based on tetrathiafulvalene or bis(dithiolene) compounds, as well as their potential applications.

### Guest Editor

Dr. Sandra Rabaça

C2TN, Instituto Superior Técnico, Universidade de Lisboa, Estrada Nacional 10, P-2695-066 Bobadela LRS, Portugal

### Deadline for manuscript submissions

closed (20 May 2024)



## 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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