

# Special Issue

## Carbonates

### Message from the Guest Editor

The goal of this Special Issue on “Carbonates” is to provide a comprehensive overview about both the state-of-the-art and recent advances in crystal growth and characterization of carbonate phases, pointing out the mechanisms of growth, the interactions among phases, and the applications. Scientists working in a wide range of disciplines are invited to contribute to this Special Issue. The topics may include, but are not limited to, the following:

- Natural and synthetic carbonates
- Crystal growth of carbonates
- Epitaxial relationships
- Twinning
- Bioinspired/biomimetic materials
- Inorganic/organic self-organized materials (nacreous-like materials)
- Inorganic complex systems (such as carbonate/phosphate for example)
- Applications

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### Guest Editor

Dr. Linda Pastero

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### Deadline for manuscript submissions

closed (15 June 2018)



## 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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