

Special Issue

Crystal Dislocations: Their Impact on Physical Properties of Crystals

Message from the Guest Editor

The Special Issue on “Crystal Dislocations” is intended to provide a unique international forum aimed at covering a broad range of results involving dislocations and their importance in crystal properties and crystal growth. Scientists working in a wide range of disciplines are invited to contribute to this cause. The list of key words shown below cover only a limited range of areas in which dislocations play an intricate part; this Special Issue of *Crystals* is open for any innovative contributions involving dislocations. Keywords

- Crystal dislocations
- Partial dislocations
- Crystal defect structures and properties
- Deformation twinning
- Massive phase transformations
- Characterization of dislocations
- Crystal growth

Guest Editor

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Deadline for manuscript submissions

closed (31 January 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.

Editor-in-Chief

Prof. Dr. Alessandra Toncelli

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