Special Issue

Non-equilibrium Thermodynamics and Crystals

Message from the Guest Editors

Crystals played an important role in the development of non-equilibrium thermodynamics from the early 20th century. Nowadays, there is an increasing interest not only in novel materials, such as nano-crystals, but also in non-equilibrium thermodynamics methods. The aim of this Special Issue is to bring together researchers from both areas to share methods and ideas. The topics include but are not limited to:

- Nano-crystals;
- Modeling of bio-macromolecules interactions;
- Crystallization theories;
- Kinetics of crystallization;
- Thermodynamics of crystallization;
- Crystallization in industrial processes far from equilibrium;
- Phase separation and crystallization;
- Complex processes;
- Theory and simulations;
- Transport properties in crystals.

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Deadline for manuscript submissions

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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

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