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Lithium Niobate: Bulk Crystals, Composites, Thin Films and Nanocrystals

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Deadline for manuscript submissions:
closed (15 April 2018)

Message from the Guest Editors

This Special Issue intends to bring together the LN community around the latest experimental, theoretical and computational research highlights and may represent a state-of-the-art meeting point for researchers from diverse disciplines (physics, chemistry, nanotechnology, biophysics, material scientists, etc.) with the goal to disseminate the state-of-the-art knowledge on LN to a worldwide community and to foster the research progress on LN in nanosciences. We therefore would like to open this Special Issue to all related fields:

- Nanosciences and -technologies
- (Nonlinear) nanophotonics
- Integrated optics
- Quantum photonics
- (Nano-)Biophotonics
- Photovoltaics of nanoferroelectrics
- Accelerator physics

Covering LN as:

- Ultrathin LN-films
- LN membranes
- LN hybrid materials (LN/liquid crystals, LN/polymers, etc.)
- LN on insulators
- LN surfaces
- 2D and 3D structured LN
- LN nanocrystals and nanopowders

mdpi.com/si/9682

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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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Journal Rank: JCR - Q2 (*Crystallography*) / CiteScore - Q2 (*Condensed Matter Physics*)

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