

## Special Issue

# Ferroelectrics Materials for Microwave Devices

### Message from the Guest Editors

We invite researchers to submit original papers that discuss the development of ferroelectric materials, including thin-film, nanostructured, and multilayered forms that are or can be included in microwave devices. This Special Issue focuses on ferroelectric materials for microwave devices. The possible topics include but are not limited to the following:

- Growth of ferroelectric thin films or nanostructures, including the modeling of crystal growth or reaction mechanisms;
- Property characterization (dielectric, ferroelectric, piezoelectric, etc.) and its relationships to external conditions, such as electric field, stress, temperature, etc.
- Advances in microwave device development (conception, simulation, material integration) based on ferroelectric materials using thin films or nanostructures;
- Microstructure analysis and correlation of the observed properties and their modeling.

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### Guest Editors

Dr. Caroline Borderon

Dr. Kevin Nadaud

Dr. Raphaël Renoud

Prof. Dr. Hartmut W. Gundel

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### Deadline for manuscript submissions

closed (30 April 2022)



## 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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### Author Benefits

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#### Journal Rank:

JCR - Q2 (Crystallography) / CiteScore - Q2 (Condensed Matter Physics)