

## Special Issue

# Synthesis and Characterization of Ferroelectrics

### Message from the Guest Editor

Ferroelectrics have been one of the most used and studied materials in both scientific and industrial communities. In addition to their foremost property (ferroelectricity), these materials also display other numerous attractive utility properties, such as piezoelectricity, piroelectricity, and electro-optics, which designate them as multifunctional materials particularly suitable for a wide range of applications ranging from effective sensors, actuators, and transducers to optical and memory devices. The purpose of this collection is to present an up-to-date view of ferroelectric multifunctional and smart materials, which are considered to be among the future's most important materials. This Special Issue of Crystals aims to explore all aspects of crystal structure, crystal growth, ceramic technology, and characterization techniques of ferroelectric materials. Your contributions to the above issue are warmly welcome.

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### Guest Editor

Prof. Dr. Jan Dec

Institute of Materials Sciences, University of Silesia, Katowice, Poland

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### Deadline for manuscript submissions

closed (31 March 2020)



## Crystals

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*Crystals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[crystals@mdpi.com](mailto:crystals@mdpi.com)

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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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