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Piezoelectric Materials and Technology

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Deadline for manuscript submissions:
closed (15 November 2021)

Message from the Guest Editors

Dear Colleagues,

Piezoelectric materials constitute various types of crystals, polymers, ceramics, and composites that are used in numerous applications requiring a coupling between electrical fields and mechanical strain.

The main objective of this Special Issue is to collect current research efforts contributing to advances in engineering applications that utilize piezoelectric technologies. The specific topics of interest include, but are not limited to: energy harvesting using piezoelectric materials and devices, sensors and actuators, piezoelectric composite materials, design/fabrication of piezoelectric materials, modeling of piezoelectric materials, piezoelectric nanomaterials, properties of piezoelectric composites, vibration analysis of piezoelectric beams and plates, uses of piezoelectric devices in engineering and medical applications, piezoelectricity in materials, and any other advanced research or application using the piezoelectric phenomenon and/or device.

We look forward to your contributions.

Dr. Young Ho Park
Dr. Abdessattar Abdelkefi
Guest Editors

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Editor-in-Chief

Prof. Dr. Alessandra Toncelli
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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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