



Ferroelectric and Piezoelectric Ceramics

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Message from the Guest Editor

Ferroelectric materials exhibit important properties that make them useful for a variety of applications in different fields. With the increasing recent interest in renewable energy, ferroelectric materials have been reemphasized, due to their potential for energy conversion and harvesting. Specifically, piezoelectric properties of ferroelectric materials have been extensively studied as mechanical energy harvesters. Waste mechanical energies can be harvested in various ways, while the performances are closely related to the piezoelectric devices. High efficiency requires high quality piezoelectric ceramic materials. Various devices have been developed to harvest different types of mechanical energies. However, their performances need to be further improved for practical applications. This Special Issue serves to provide a platform to demonstrate recent progress in the fabrication and development of piezoelectric ceramics and related devices.





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