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# **Perspective on the Development of Lead-Free Piezoceramics**

Guest Editor:

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Deadline for manuscript submissions:

closed (20 May 2023)

## Message from the Guest Editor

Dear Colleagues,

The current research activities are focused on strategies to improve the piezoelectric properties of lead-free materials: searching for systems with morphotropic or polymorphic phase boundaries, microstructure optimization, and texturing. Advancements in phase and microstructure engineering allow piezoceramics to be developed with the significant advantages of piezoelectric coefficients for potential applications in areas such as electronics, healthcare, and automotive applications. This Special Issue is dedicated to current research activities on the most recent developments in lead-free piezoceramics including and advanced novel material design fabrication techniques, as well as models for explaining piezoelectric response. The Special Issue invites researchers who work in material science, through both experimental and theoretical approaches, to submit their research work.

In addition, reviews and systematic reviews in the field of lead-free systems for piezoelectric applications are welcome

Dr. Lavinia Petronela Curecheriu *Guest Editor* 













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### **Editor-in-Chief**

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