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Piezoelectric Composites

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Piezoelectric composites have widely been used in diverse fields such as medical ultrasound, energy harvesting, non-destructive testing, and smart structure applications. With the advanced development of flexible electronics and the wireless sensor network, there are still challenges and opportunities regarding the aspects of material and applications of piezoelectric composites. This Special Issue plans to provide an overview of state-of-the-art piezoelectric composites, which involves the advances in the composite design strategies, modeling, fabrication, properties, and applications.

Potential topics include, but are not limited to:

- 3D-printing piezoelectric composites;
- Ceramics;
- Single crystal;
- Flexible composites;
- Lead-free composites;
- Magnetoelectric;
- Random composites;
- Actuators;
- Energy harvesting;
- Sensors;
- Ultrasonic transducers.

Dr. Kwok-Ho Lam
Guest Editor