Special Issue

Piezoelectric Transducers: Materials, Devices and Applications

Message from the Guest Editor

In this Special Issue, which is focused on piezoelectric transducers, a wide range of topics are covered, including the design, fabrication, characterization, packaging, and system integration or final applications of mili/micro/nano-electro-mechanical systems based transducers:

- Materials research oriented towards piezoelectric transducers and intelligent systems
- Processes and fabrication technologies for piezoelectric sensors and actuators
- Modelling, design, and simulation of piezoelectric transducer devices
- Devices and circuits for Internet of Things focused on piezoelectric transducer applications
- Resonant and travelling wave piezoelectric sensors and actuators
- Chemical and bio-transducers based on piezoelectric devices
- Calibration, characterization, and testing techniques
- Reliability and failure analysis
- System integration, interface electronics, and power consumption
- Applications and markets, and control and measurement systems

Deadline for manuscript submissions

closed (30 September 2019)

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Message from the Editor-in-Chief

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