

Special Issue

Miniaturized Piezoelectric Devices: Design, Fabrication and Applications

Message from the Guest Editors

Electromechanical transducers that utilize the piezoelectric effect play an important role in a variety of applications where ultraminiaturized devices are required. Piezoelectric transducers ensure low-power operation, enabling electrical actuation and sensing. This Special Issue aims to collect research papers, short communications, and review articles that report the latest results and progress on piezoelectric microdevices (and their applications) with regards to microoptic components (e.g., micromirrors and tunable microlenses), acoustic microdevices (e.g., microphones and micro-loudspeakers), and microsensors in general. We are looking forward to showcasing miniaturized piezoelectric devices for compact, lightweight applications, as well as microstructures incorporating piezo-actuators/sensors fabricated with MEMS technology. Demonstrations of innovative sensing configurations in which miniaturized piezoelectric devices play a key role are also solicited and welcome. We are looking forward to receiving your submissions.

Guest Editors

Prof. Dr. Sabina Merlo

Department of Electrical, Computer and Biomedical Engineering,
University of the Studies of Pavia, 27100 Pavia, Italy

Prof. Dr. Vittorio Ferrari

Department of Information Engineering (DII), University of Brescia, Via
Branze 38, I25123 Brescia, Italy

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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

Queensland Quantum and Advanced Technologies Research Institute,
Griffith University, West Creek Road, Nathan, QLD 4111, Australia

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