

Special Issue

MEMS Sensors and Actuators

Message from the Guest Editors

The importance of micro/nano devices is continuously increasing as they become more widespread in a broad variety of applications, ranging from handheld and wearable electronics to more demanding applications, such as robotics, medical, and space applications. The aim of this Special Issue is to cover state-of-the-art progress in all aspects of MEMS/NEMS devices. Research articles, short letters, and review papers are encouraged. Contributions from both academia and industry are welcomed. Topics of interest include, but are not limited to, the following:

- Inertial and tactile sensors;
- Physical sensors;
- Chemical sensors;
- Micro/nano actuators;
- Medical and implantable micro/nano systems;
- RF MEMS/NEMS, resonator, and oscillators;
- Micro/nano fluidic systems;
- Power MEMS;
- Integrated photonics and optical MEMS;
- Acoustic and ultrasonic microsystems;
- Micro energy harvesters, Micro robots;
- Biomimetic and bioinspired micro/nano systems;
- Interfacing and readout electronics for micro/nano systems;
- Novel materials and micro/nano fabrication processes;
- New technologies for packaging and integration.

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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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