Special Issue

Application of MEMS/NEMS-Based Sensing Technology

Message from the Guest Editors

This Special Issue of the magazine aims to highlight: (a) The theoretical foundations of harvesting (electromagnetic field) as a form of energy conversion to electrical energy with broader applications, to focus on some applications (technological and implementation issues) in MEMS and NEMS sensors, to address the issue of choice of principles and processing of harvesting technical solution (efficiency, yield, limiting factors of operation) for the chosen shape and size of the sensor. (b) The sensor as a non-trivial device has very different energy requirements for specific purposes, and therefore it is important to address in a targeted manner the possibilities of energy generation, conversion, utilization and storage for both energy and data/information purposes.

- transformation
- MEMS
- NEMS
- sensors
- harvesting

Guest Editors

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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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