

Special Issue

Advances in CMOS-MEMS Devices and Sensors

Message from the Guest Editor

The Special Issue aims to invite original and innovative topics describing the latest research in macro-scale, meso-scale, or micro-scale **sensors** or devices. For CMOS-MEMS microsensors, they may include novel methodologies or process integrations in all technology disciplines, even nanomaterial deposition for **sensing** and packaging requirements. These smart **sensors** with effective designs of transducing circuits do play a crucial role in a variety of next-generation applications such as pattern recognition, edge computing, big data analysis and AI deep learning, etc. Potential topics may include, but are not limited to, the following:

- “From macro to nano” **sensors**: design, fabrication, packaging and reliability
- CMOS-MEMS/NEMS **sensors** in specific or multi-disciplines
- **Sensor** testing, interface, correction and calibration techniques
- Smart **sensors** or sensory systems
- Transducing circuits for **sensor** modulation/demodulation
- **Sensors** for Internet of Things (IoT) and artificial intelligence (AI)

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2024)



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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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