



Advances in CMOS-MEMS Devices and Sensors

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Message from the Guest Editor

Dear Colleagues,

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)



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Guest Editor



sensors



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Message from the Editor-in-Chief

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