



## Semiconductor Devices and Sensors: Modelling and Conditioning Circuits

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Deadline for manuscript submissions:

**closed (31 October 2019)**



### Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the up-to-date results in semiconductor devices and sensors. Semiconductor-based general devices, fabricated using mature micro-fabrication techniques and novel nanotechnologies, are the major player in the commercial market. Aspects related to theoretical and experimental research in basic devices and sensors, physics modeling, novel devices and sensor structures, sensors fabrication, and sensor-integrated interface conditioning circuits will be covered. Potential authors are invited to submit original research articles and review papers on the following topics:

- Material research oriented to semiconductor devices and sensors
- Processes and fabrication technologies for semiconductor sensors
- Modelling, design, and simulation of integrated semiconductor devices and sensors
- CAD simulation models of semiconductor devices and sensors
- Advanced integration technologies
- Novel semiconductor devices, circuits, and sensors
- Wide bandgap materials and devices
- Integrated interfaces or signal conditioning circuitry for sensors



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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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