

Special Issue

Semiconductor Sensors towards Optoelectronic Device Applications

Message from the Guest Editors

With the growing demand for semiconductor optoelectronic sensor chips in scientific research, aerospace, biomedical and industrial, it is urgent to develop low cost, high performance, fast response and radiation resistant sensors. We would like to invite you to submit your contributions to the Special Issue “Semiconductor Sensors towards Optoelectronic Device Applications”. The Special Issue aims to comprehensively display state-of-the-art optoelectronic sensor/detector technology, including design, simulation, process manufacturing, and measurement. Its applications include full spectrum photon and particle detection, such as detection modules used in quantum information processing, quantum secure communication, Lidar, cosmology, and other fields, photonic sensors for wearable healthcare and medical imaging technologies, X-ray detector with radiation hardness properties, and so on. Both theoretical research, process methods and system measurements are welcome to contribute.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2023)



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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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