

# Special Issue

## Optoelectronic Devices and Sensors

### Message from the Guest Editor

We are pleased to announce the Special Issue on “Optoelectronic Devices and Sensors” that aims to showcase the latest advancements, challenges, and opportunities in the realm of materials for state-of-the-art optoelectronic devices. This Special Issue covers a broad range of topics including optoelectronic devices, nanophotonics, plasmonics, metamaterials, and spin- and chiral-optoelectronic materials and devices. Special attention will be paid to the study of epitaxial growth modes of monolayer-thick (Al,Ga)N nanoheterostructures, charge carrier localization effects, and the exciton nature of luminescence in such quantum-sized structures. We welcome contributions from both experimental and theoretical perspectives. However, please note that this Special Issue is not limited to the aforementioned topics, and we encourage submissions related to other relevant aspects as well.

- optoelectronics
- thin films
- gas sensors
- microelectronics
- photodetectors
- nanophotonics

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### Guest Editor

Prof. Dr. Liang-Wen Ji

Department of Electro-Optical Engineering, National Formosa University, Yunlin, Taiwan

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### Deadline for manuscript submissions

30 September 2026



## Sensors

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
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