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## Optical and Electronic Characteristics of Semiconductors in Sensors

Guest Editor:

**Prof. Dr. Der-Yuh Lin**

Department of Electronics  
Engineering, National Changhua  
University of Education,  
Changhua 50007, Taiwan

Deadline for manuscript  
submissions:

**closed (25 May 2024)**

### Message from the Guest Editor

Dear Colleagues,

Over the past few decades, sensors have improved manufacturing technologies in industry sectors and changed the lifestyles of human beings.

This Special Issue will explore all types of sensors devices or materials and their optical and electronic characteristics. We aim to address new trends in the materials, theory, and applications of recent optoelectronic technologies and semiconductor materials and devices.

Topics of interest include, but are not limited to, the following:

- Emerging optoelectronic materials and devices;
- New designs and fabrication techniques of sensor devices;
- Emerging semiconductor materials for sensors;
- New optical and electronic characteristics for sensors;
- New advances in photovoltaics and photodetectors;
- Reliability and lifetime testing of optoelectronic devices and sensors;
- Recent trends in semiconductor sensors and systems;
- Recent trends in MEMS sensor design and manufacturing.



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# Special Issue



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Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
Information Engineering),  
Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

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*Sensors* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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