

## Special Issue

# Recent Advances of Optoelectronic Devices and Semiconductor Sensors

### Message from the Guest Editors

Optoelectronic devices play essential roles in many aspects of our daily lives, such as fiber communications, solid-state lighting and display technology. VCSELs have also become key devices in local area networks, driven by new functions in smartphones and vehicles. In the past several decades, sensors have improved the manufacturing technologies in industry sectors and changed the lifestyles of human beings. Due to the development of autonomous vehicles and electric vehicles and advanced manufacturing technologies in industry, many semiconductor sensors have gained great momentum. Furthermore, MEMS sensors made by bulk semiconductor processing technology are used to design different sensors (e.g., pressure, temperature, vibration and chemical sensors). Recently, the developments in wearable devices have helped to improve the quality of healthcare in a fascinating way.

This Special Issue is addressed to all types of optoelectronic devices and semiconductor sensors using new semiconductor materials, new processes, or new structures. We aim to address new trends in the materials, theory, practice, and applications of the most recent optoelectronic technologies and semiconductors.

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### Guest Editors

Prof. Dr. Der-Yuh Lin

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

Prof. Dr. Chia-Feng Lin

Department of Materials Science and Engineering, National Chung Hsing University, Taichung 40227, Taiwan

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### Deadline for manuscript submissions

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## Sensors

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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

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