

## Special Issue

# Microelectronics and Optoelectronic Devices: From Fundamental Research to Advanced Applications

### Message from the Guest Editor

In recent decades, microelectronics and optoelectronics have received widespread attention from academics and industries and have undergone rapid development in both fundamental research and advanced applications, including high-speed information processing in electronics, sensing, display, lighting, energy harvesting, and communication. Microelectronics and optoelectronics devices are the key to future high-tech life, and their fundamental research and advanced applications are closely related. It is vital to enhance the basic research in microelectronics and optoelectronics to guide the mass production applications of integrated devices. Therefore, this Special Issue aims to present research papers, short communications, and review articles focusing on basic research on microelectronic and optoelectronic devices to reveal the underlying physics or mechanisms, as well as cutting-edge applications to present efficient electronic information processing.

### Guest Editor

Prof. Dr. Xiao Luo

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### Deadline for manuscript submissions

closed (31 July 2024)



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### Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

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