

Special Issue

Novel Symmetric/Asymmetric Structures in High-Performance Photonic and Optoelectronic Devices

Message from the Guest Editors

We are delighted to announce the launch of this Special Issue on “Novel Symmetric/Asymmetric Structures in High-Performance Photonic and Optoelectronic Devices”. The field of photonic and optoelectronic devices has witnessed remarkable advancements in recent years, enhancing the performance of photon manipulation and photodetection. As these devices continue to evolve, they have become integral components across diverse domains, including telecommunications, biomedical imaging, environmental sensing, and quantum computing. The integration of symmetric and asymmetric structures in high-performance photonic and optoelectronic devices holds great promise for advancing their capabilities and functionalities. This Special Issue aims to explore the latest advancements in this domain, highlighting the impact of symmetric and asymmetric structures on device performance and laying the groundwork for future innovations. We invite researchers and experts in the field of photonics and optoelectronics to contribute their original research articles, reviews, or perspectives.

Guest Editors

Dr. Chuang Li

Dr. Jiaqi Liu

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About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

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