

Special Issue

Graphene-Based Photonic and Optoelectronic Applications

Message from the Guest Editors

The discipline of photonics and optoelectronics has experienced significant advancements due to the growing interest in two-dimensional (2D) materials, mostly driven by the discovery of graphene. This notable increase in research has expanded the possibilities and potential in these areas. Graphene possesses distinctive optoelectronic characteristics, including notable electrical conductivity, remarkable optical transparency, and rapid carrier dynamics, rendering it an amazing material suitable for a wide range of applications. The primary objective of this Special Issue is to comprehensively document the latest advancements, novel methodologies, and paradigm-shifting revelations about photonics and optoelectronics in the context of graphene-based technology. This Special Issue opens a call for papers that delve into the captivating realm of Graphene-Based Photonic and Optoelectronic Applications. Submissions of original research, thorough reviews, and thought-provoking perspectives are encouraged.

Guest Editors

Dr. Hamed Dalir

Dr. Chandraman Patil

Dr. Elham Heidari

Deadline for manuscript submissions

closed (31 May 2024)



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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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Editor-in-Chief

Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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