Special Issue

Progress in Optoelectronic Materials and Devices

Message from the Guest Editor

Optoelectronic materials and devices have already been central to many technological applications in the 20th century, and their development, which has been accelerating in recent years, is attributed to the advances in techniques related to synthesis, characterization, and fabrication. Optoelectronic materials and devices are implemented in a broad range of applications, including photovoltaics, light emitting diodes, photodetectors, lasers, solar cells, optical amplifiers and so on. The aim of this Special Issue, "Progress in Optoelectronic Materials and Devices", is to highlight the latest advances in optoelectronic materials and devices. This Special Issue's scope covers the synthesis, characterization and fabrication of devices, the study of electronic, optical, and structural properties, as well as technological applications of the optoelectronic devices. Topics of interest for this Special Issue include, but are not limited to, the following:

- Color displays;
- Laser technology;
- Optical sensors;
- Ultrafast optoelectronics;
- Nonlinear photonics;
- Optical amplifiers;
- Optoelectro-mechanical systems;
- Nanophotonic materials.

Guest Editor

Dr. Chee-Keong Tan

Advanced Materials Thrust, The Hong Kong University of Science and Technology (Guangzhou), Guangzhou, China

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

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

Editor-in-Chief

Prof. Dr. Nelson Tansu
School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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