



## Micro-Nano Optical Devices

Guest Editors:

**Prof. Dr. Yan Shen**

State Key Laboratory of  
Optoelectronic Materials and  
Technologies, Guangdong  
Province Key Laboratory of  
Display Material and Technology,  
School of Electronics and  
Information Technology, Sun Yat-  
sen University, Guangzhou, China

**Dr. Yanfeng Zhang**

School of Electronics and  
Information Engineering, Sun  
Yat-sen University, Guangzhou,  
China

Deadline for manuscript  
submissions:

**closed (15 June 2024)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue invites manuscripts that document recent advances in “Micro-Nano-Optical Devices”. Since the concept of photonic crystal was proposed in 1987, various artificially constructed micro-nanophotonic structures and devices have attracted extensive attention and interest in several photonic research fields. The interaction of light and matter is becoming even more interesting now that the structure is breaking into the micro-nano regime. Micro-nano-optics combines the best of both photonics and nanotechnology. Micro-nano-optical devices are leading the development of the new optical electronic industry, in optical communications, optical interconnect, optical storage, imaging, sensing and measurement, display, solid state lighting, biomedical, security, green energy, etc.

Dr. Yan Shen

Dr. Yanfeng Zhang

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Nelson Tansu

School of Electrical and  
Electronic Engineering (EEE), The  
University of Adelaide, Adelaide,  
SA 5005, Australia

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q2 (Instrumentation)

## Contact Us

---

*Photonics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/photonics  
photonics@mdpi.com  
X@Photonics\_MDPI