



## Advances in Fiber-Optics

Guest Editors:

**Dr. Bobo Du**

**Dr. Xuegang Li**

**Prof. Dr. Dexing Yang**

Deadline for manuscript  
submissions:  
**closed (31 March 2024)**

### Message from the Guest Editors

We are pleased to invite you to submit an article to a new Special Issue of *Photonics* called “Advances in Fiber Optics”. Optical fibers have experienced much success and have been applied in our daily life, in different industries, and in academia. They have continued to be rapidly developed since Dr. Kao and his collaborators reported on the possibility of optical fibers in telecommunication in 1966. Currently, areas such as new mechanisms and fabrication techniques, nanophotonic effects, and edge-cutting applications of optical fibers are attracting a large amount of attention. Notably, we can recognize the trend in developing fiber-optic components with miniaturized sizes and complex performances by either engineering the geometric features of optical fibers or integrating functional elements into optical fibers.

This Special Issue welcomes works within all linear and nonlinear aspects of fiber optics, from fundamental studies to emerging applications. Submissions related to functional fibers with integrated nanostructures and new mechanisms and approaches of micro-structured fibers are strongly encouraged. We look forward to receiving your contributions.





# photonics



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