

# Special Issue

## Advances in Fiber Optics and Their Applications

### Message from the Guest Editor

With the development of optical fiber technology, optical fibers have gradually replaced electronic components in many fields due to their unique advantages, such as anti-electromagnetic interference, corrosion resistance, lightweight, and good mechanical properties.

Furthermore, the emergence of new optical fibers and their related devices in recent years has made optical fibers extremely influential in science, engineering, medical and other fields. To further enhance the impact of this exciting and rapidly progressing field, this special issue aims to bring together the contributions from experts in this field to provide innovative solutions and explore groundbreaking applications of fiber optics technology. Topics in this special issue include, but are not limited to, the following:

- New structural fibers
- Functional fibers
- Fiber gratings
- Fiber lasers
- Radiation sensors and dosimeters
- Fiber optic devices for power engineering and aerospace

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### Guest Editor

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### Deadline for manuscript submissions

31 May 2026



## Photonics

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CiteScore 3.5



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## About the Journal

### 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.

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