



*photonics*

an Open Access Journal by MDPI



## Advances in Fiber-Optics

Guest Editors:

**Dr. Bobo Du**

School of Electronic Science and Engineering, Xi'an Jiaotong University, Xi'an 710049, China

**Dr. Xuegang Li**

College of Information Science and Engineering, Northeastern University, Shenyang 110819, China

**Prof. Dr. Dexing Yang**

School of Physical Science and Technology, Northwestern Polytechnical University, Xi'an 710129, China

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.



[mdpi.com/si/178290](https://mdpi.com/si/178290)

# Special Issue