

Special Issue

Emerging Trends in Optical Fiber Technology

Message from the Guest Editors

Since the birth of practical optical fibers in the 1970s, research on optical fibers has revolutionized the communication field with its low-loss and high-bandwidth characteristics, and they have become the key to long-distance communication. With the development of information technology, optical fiber research has been continuously advancing. This Special Issue aims at publishing high-quality papers which study emerging, important technologies in optical fiber research. Original research articles and reviews are both welcome. Research areas may include (but are not limited to) the following:

- Optical fiber components;
- New fiber materials and designs;
- Fiber lasers and amplifiers;
- Fiber switching, memory, and signal processing;
- Modulation format for transmission systems;
- Fiber nonlinearities and countermeasures;
- Long-haul transmission systems;
- Fiber local area networks;
- Fiber sensors and instrumentation.

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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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