

Special Issue

Optical Communication, Sensing and Network

Message from the Guest Editors

Optical communication systems must not only further improve capacity and transmission distance, but must also cooperate with fiber optic sensing technology to realize real-time sensing of system working status and further design and optimize the optical network, to the aim of realizing the optimal allocation and efficient use of network resources and improving the efficiency of the entire network. This Special Issue aims to publish papers which study the emerging important technologies in optical communication, sensing and network. Topics of interest include but are not limited to:

- Optical fiber communications;
- Optical fiber sensing technology;
- Optical network design and optimization;
- Optical interconnect and optical access networks;
- Optical wireless communications;
- Optical components, devices and subsystems;
- Digital signal processing and machine learning techniques for optical communication, sensing and network.

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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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