



Optical Communication, Sensing and Network

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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.

