

Special Issue

Photonics-Based Integrated Sensing and Communication

Message from the Guest Editor

Photonics-based/fiber-based integrated sensing and communication has attracted much attention in recent years. It offers intelligent functionality for fiber-optic networks, which can be used for imaging urban structure, ocean earthquake detection, and safety monitoring of underground buried pipelines, and many other potential applications. In addition, it might be used to conscommunicationels and improve the communication performance. Aiming to bring researchers in the photonics-based/fiber-based integrated sensing and communication to display and discuss their excellent works, this Special Issue provides a platform to provide an overview of the recent developments, strategies, and applications related to photonics-based/fiber-based integrated sensing and communication.

Guest Editor

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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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