

Special Issue

Intelligent Optical Network

Message from the Guest Editor

The growing bandwidth demands have been driving the development of telecommunication networks for a very long time. Optical networks are evolving at an unprecedented speed and shifting from core and metro networks to access networks. Intelligent optical networks (IONs) can be regarded as a representative of next-generation optical networks. In this Special Issue, we invite contributions on the latest advances related to IONs studies. We welcome both theoretical and experimental ION research, as well as comprehensive reviews and investigations, including but not limited to the following aspects: optical communications, optical sensing, optical interconnects, optical access networks, digital signal processing, artificial intelligence for optics, optical components and devices, etc.

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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