

Special Issue

Modules and Sub-Systems for All Optical Network

Message from the Guest Editors

This Special Issue invites manuscripts that introduce the recent advances in modules and sub-systems for all optical networks. All theoretical, numerical, and experimental papers are welcome. Topics include, but are not limited to, the following:

- Wavelength multiplexing/demultiplexing, such as arrayed waveguide grating (AWG), optical interleaver, etc;
- Wavelength switching, such as reconfigurable optical add/drop multiplexer (ROADM), wavelength selective switch (WSS), etc;
- Fiber channel switching, such as matrix optical switch, optical cross connect (OXC), high-speed optical switch, multi-cast switch (MCS), etc;
- Fiber link management, such as optical performance monitor (OPM), optical channel monitor (OCM), etc;
- Optical power management, such as dynamic channel equalizer (DCE), dynamic gain equalizer (DGE), array of variable optical attenuator (VOA), etc;
- Optical transmitting and receiving, such as tunable laser source (TLS), high-speed optical transceiver, coherent optical transceiver, etc;
- Optical fiber amplification, such as erbium-doped fiber amplifier (EDFA), Raman fiber amplifier (RFA), semiconductor optical amplifier (SOA), C+L-band fiber amplifier, etc.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2024)



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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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