

Special Issue

Integrated Optics and Devices

Message from the Guest Editors

This issue aims to highlight the continuous growth and advancement of the field of integrated optics, its applications, devices, materials and technologies, by soliciting papers that report progress in all branches of waveguide-based and fiber optics-based integrated optics (IO). And aims to provide an interdisciplinary update in this fast-evolving field and encourages the exchange of ideas related to diverse topics, ranging from waveguide materials down to the nanoscale structures, to active and passive devices and applications, manufacturing technologies and theoretical and experimental supporting tools. The topics include, but are not limited to:

- WG optics of conventional and novel materials
- nonlinear (NL) WG optics
- light-sound integrated circuits
- integrated devices for quantum information processing and communications
- integrated magneto-optics and integration of magneto-optical materials on platforms;
- integrated devices for deep learning and artificial intelligence;
- bio photonics and waveguide sensors
- rare-earth-doped integrated devices for telecom, sensing and other applications.

Guest Editors

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Deadline for manuscript submissions

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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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