



Integrated Optics and Devices

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

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.

