



## Advances in Photonic Integrated Devices and Circuits

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Deadline for manuscript  
submissions:

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### Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we will discuss advances in key enabling devices and applications for photonics integrated circuits, which includes but is not limited to light source, modulators, passive waveguide devices, fiber-chip interface, detectors, LiDAR chip, sensing chip, computing circuits, etc. This Special Issue plans to focus on representing a broad range of integrated photonic devices, circuits and various applications. We welcome your work in any form, including reviews, articles and communications. Topics of interest include but are not limited to:

- Light sources;
- Integrated modulators and detectors;
- Passive wavelength/polarization controlling devices, multimode devices and waveguides;
- Fiber-chip coupler and antennas;
- Chip-based optical communications;
- Optical phased arrays and chip-based LiDAR;
- Chip-based biosensors, gyroscope, etc.;
- Integrated optical neural network;
- Inverse design in integrated photonics;
- On-chip quantum information.

