

# Special Issue

## Emerging Photonic Devices, Circuits and Systems

### Message from the Guest Editors

The topics of interest for this Issue will comprise of (but will not be limited to) the following:

- Photonic transistors/photonic switches/light valves;
- Optical amplifiers;
- Photonic integrated circuits/ quantum photonic circuits;
- Photonic network on chip;
- Photonic interconnect;
- Plasmonics;
- Novel photonic device structures (laser diodes, LEDs, photovoltaic cells, etc.);
- Display technologies;
- Terahertz photonics;
- Photonic sensors/detectors.

We welcome experimental, numerical, and theoretical works.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2021)



## Photonics

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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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### Editor-in-Chief

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).