

Special Issue

Advances in Photonic– Electronic Integration

Message from the Guest Editors

Photonic–electronic integration is at the forefront of modern optoelectronic research. The continuous progress in integrated photonics and electronics opens new possibilities for high-performance computing, intelligent sensing, and high-speed and large-capacity data, shaping the future of technology. This Special Issue on “Advances in Photonic–Electronic Integration” welcomes original research and review articles, including but not limited to the following:

- High-speed and large-capacity photonic–electronic integrated chip;
- Photonic–electronic integrated communication technologies;
- Photonic–electronic integrated computing technologies;
- Photonic–electronic integrated sensing technologies;
- Novel optoelectronic devices, systems, and applications.

We invite contributions that address theoretical modeling, device fabrication, system integration, performance optimization, and real-world applications of photonic–electronic integration. We look forward to your high-quality submissions and showcasing the latest breakthroughs in this exciting and rapidly evolving research area.

Guest Editors

Prof. Dr. Tao Zhu

Prof. Dr. Yu Yu

Dr. Aaron Danner

Prof. Dr. Guanyu Chen

Dr. Yuanmin Du

Deadline for manuscript submissions

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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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