

## Special Issue

# Optical Transmission System and Techniques for Short-Reach Interconnect and 5G Mobile Front-Haul

### Message from the Guest Editor

This Special Issue aims to attract research on short-reach optical interconnects and promote the development of related applications and components. The scope includes but is not limited to the following:

- Ultra-high baud rate short-reach optical interconnects
- Low-cost short-reach transmission systems
- Inter- and intra-data center connectivity
- Digital signal processing in short-reach transmission
- Radio-on-fiber transmission
- Advanced direct-detection receiver
- Low-latency optical networks
- Advanced modulation format and coding
- Nonlinearity mitigation

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### Guest Editor

Prof. Dr. Qi Yang

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### Deadline for manuscript submissions

closed (31 December 2021)



## Photonics

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### 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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