

## Special Issue

# Optical Communication and Networking

### Message from the Guest Editor

Optical communication consists of optical wireless communications and fiber communications, both of which have the advantages of high bandwidth, low cost, and large transmission capacity. Optical wireless communications are considered to be one of the solutions to the next generation of wireless communication problems and they can meet growing communication needs. This Special Issue aims to showcase cutting-edge research in the field of optical communication and networks. This Special Issue will cover a range of topics in the field, including (but not limited to) the following:

- Free Space Optics (FSO), Visible Light Communications (VLC), Fiber Communications, and Underwater Optical Communications;
- Optical MIMO Communications;
- Routing algorithms and networks;
- Multiple access for optical terminals
- Relay technique;
- Adaptive optics on optical communications;
- Orbital angular momentum (OAM);
- Security optical communications;
- Theoretical analysis or simulations, such as BER, channel capacity, outage probability, and throughput;
- Prototype, experimental, and field trials;

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### Guest Editor

Dr. Yatian Li

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### Deadline for manuscript submissions

closed (31 January 2026)



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## About the Journal

### Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

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### Editor-in-Chief

Prof. Dr. Sotirios K. Goudos  
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