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Advances in Optical Wireless Communication

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Many aspects of OWC and LiFi have been investigated in recent years. However, a number of problems, such as energy efficiency and seamless integration into the existing infrastructure, still need to be solved for real-world implementation in everyday life. This Special Issue therefore aims to focus on the latest advances in the design and implementation of OWC and LiFi with applications in current (e.g., 5G) and future communication systems (i.e., 6G and beyond). Authors are invited to submit original research articles or comprehensive reviews on topics including (but not limited to):

- IoT enabled by OWC;
- Solar cells as optical receivers;
- Energy efficiency of OWC systems;
- Physical layer security enhancement for optical wireless links;
- Hybrid optical wireless/RF networks;
- The application of artificial intelligence (AI) in OWC;
- Network design for integration of LiFi in communication networks;
- Highspeed point-to-point communication for backhaul links;
- Application of OWC in vehicular communication;
- Channel modelling and signal processing for LiFi.



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Special Issue



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Editor-in-Chief

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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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