Special Issue

Advances in Optical Wireless Communication

Message from the Guest Editors

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.

Guest Editors

Dr. Iman Tavakkolnia

Department of Electronic and Electrical Engineering, University of Strathclyde, Glasgow, UK

Dr. Mohammad Dehghani Soltani

Institute for Digital Communications, School of Engineerin, University of Edinburgh, Edinburgh, Scotland, UK

Deadline for manuscript submissions

closed (30 June 2023)



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

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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.

Editor-in-Chief

Prof. Dr. Sotirios K. Goudos Department of Physics, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

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