

Special Issue

Optical Wireless Communications Technologies for 5G and Beyond Networks

Message from the Guest Editors

This Special Issue aims to offer an in-depth discussion on the 5G and Beyond OWC for indoor, outdoor, and underwater applications. In this context, the prospective authors are invited to present their research work regarding perspectives for network requirements and transmission techniques that are imperative to improve the performance of the future OWC. The topics for Beyond 5G OWC include, but are not limited to, the following:

- Advanced coding, modulation, detection, and multiple access techniques;
- Innovative photonic devices and components;
- Mm-wave and MIMO architectures;
- Transceiver design/optimization;
- PHY, MAC, and cross-layer designs;
- Terahertz bands;
- Optical links for space applications.

Guest Editors

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Dr. Paulo Pereira Monteiro

Prof. Dr. Nelson Muga

Deadline for manuscript submissions

closed (15 August 2022)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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