Special Issue

Optical Wireless Communication for 6G Communication Networks

Message from the Guest Editors

Nowadays, the advent of the Internet of Things (IoT) and machine-type communication networks has imposed further requirements for higher wireless network capacity. These challenges are critical drivers pushing fifth-generation (5G) and even sixth generation (6G) wireless communication networks. Thus, optical wireless communication (OWC) is considered to be a promising technology for improving data rate and system capacity in 5G/6G networks. This Special Issue will bring together researchers from academia and industry to explore studies on the development, implementation, and application of optical wireless communication systems in 5G/6G networks.

Guest Editors

Dr. Lisu Yu

Prof. Dr. Xun Zhang

Dr. Xiaodong Liu

Deadline for manuscript submissions 20 May 2025



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



mdpi.com/si/220242

Applied Sciences MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/ applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



<u>applsci</u>



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)