Optical Wireless Communications

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Message from the Guest Editors

Recently, research on Optical Wireless Communications (OWC) has increased. This has focused on improving the performance of OWC systems—focusing on devices, components, transceivers, systems, and networks—with the aim of reaching the threshold of Gbits/s. In the area of OWC, Visible Light Communications (VLC) are obtaining great results due to the twofold paradigm of the simultaneous exploitation of both illumination and communication, thus becoming a "green" technology with respect to well-known radio frequency solutions.

This Special Issue on "Optical Wireless Communications" is looking for recent advances in VLC, IR, and UV systems, ranging from the design of optoelectronics to understanding communications and signal processing techniques, and from the development of networking protocols to the exploitation of system optimisation. The aim of this Special Issue is to inspire multi-disciplinary international communities to work together in order to achieve hitherto elusive scientific advances.

Special Issue

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Message from the Editor-in-Chief

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