

Special Issue

Optical Wireless Communications and Networking: A Pathway towards 6G

Message from the Guest Editor

Potential topics include, but are not limited to: Airborne FSO systems (e.g., UAV, aircraft, satellite); Chip-scale optical communications; Coding, modulation, and signal processing for optical systems; Cross-layer design of optical networks; Energy-efficient optical wireless networks; Fiber access networks and optical wireless backhaul; Flexible-grid elastic optical networks; Hybrid millimeter-wave (MMW)/FSO outdoor systems; Hybrid radio frequency (RF)/OWC technology; Integration of VLC with power-line communication (PLC), Ethernet, and WiFi; Industry developments and deployments in optical communications; Intelligent optical control plane; Lasers and photonic components; Lighting-constrained VLCs and networks; Next-generation optical transport systems; Optical camera communication; Optical vehicular networks; Optical interconnects for high-performance computing; Optical wireless modulation and signal processing; Opto-electronics for terabit networking; Protection, restoration, and security in optical networks; Quantum photonic networks; Techno-economic issues in optical networks; Underwater optical communications; WDM optical networks.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2021)



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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.

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