

Special Issue

Recent Advances in Optical Wireless Communications

Message from the Guest Editors

Recent progress in solid-state lighting, lasers, and detectors has propelled optical wireless communications (OWCs) to the forefront of future wireless technologies. We encourage the research community to submit original and unpublished papers falling into the OWC topic, including systems research, development, and applications. Research papers invoking any modality of optical wireless communications are welcome, including free-space optics (FSO), visible light communication (VLC), infrared (IR) communication, and its networked version light fidelity (LiFi). Topics of interest include but are not limited to the following:

- Visible light communication;
 - Infrared communication;
 - Free-space optics;
 - LiFi systems;
 - Vertical cavity surface-emitting laser (VCSEL)-based LiFi;
 - OWC-based Internet of Things;
 - Optical reflective intelligent surfaces (ORISs);
 - Energy efficiency in OWC;
 - Spectrum efficiency in OWC;
 - Simultaneous lightwave information and power transfer (SLIPT);
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- Passive light communication and sensing;
 - Hybrid OWC/RF networks;
 - Underwater optical communications;
 - OWC applications;
 - Industrial applications of OWC.

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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