

Special Issue

Optical Wireless Access Networks and Systems

Message from the Guest Editor

Traffic volumes in all networks show no signs of reducing their rates of increase, leading to questions as to how the current telecommunication network infrastructure can accommodate this expansion. It is clear that the available radio spectrum below 10 GHz is no longer sufficient to meet the demands and there have been moves to mm Wave systems to attempt deliver a radio frequency solution. However, at such frequencies, losses are very high since they depend on the square of the carrier transmission frequency. Moreover, electromagnetic radiation begins to need line-of-sight paths for communications since blockage and shadowing become difficult to avoid using mm Waves. This Special Issue aims to publish novel, timely and exciting papers in the field of OWC technology defined in the broadest sense. Thus, papers are welcomed across a full spectrum of work, from the determination of fundamental performance limits to practical system demonstrations. There are no restrictions on the wavelength of operation or the operating scenario, as long as this encompasses network access as customarily interpreted by the research community.

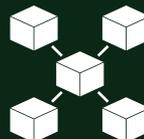
Guest Editor

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Deadline for manuscript submissions

closed (30 June 2019)



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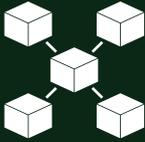
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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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