Optical Wireless Communication Systems

Guest Editors:

Prof. Dr. Hector E. Nistazakis

Dr. Goran T. Djordjevic

Dr. Wilfried Gappmair

Dr. Sinan Sinanovic

Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

By means of an OWC concept, important broadband solutions are possible, such as terrestrial FSO systems, underwater applications, satellite communications, visible light links for indoor scenarios, mobile and multimedia networks etc. In the meantime, this technology has been chosen as a backhaul approach for 5G systems. Thus, OWC is a serious candidate to solve problems left by RF systems, including the "last mile problem", with high performance characteristics because of their low operational cost, the huge data rates, the license-free bandwidths and the very high security level. However, their performance depends strongly on the propagation conditions of the optical path. Therefore, due to their benefits over RF techniques and the challenging character of the optical channel as such, OWC systems have attracted significant commercial and research interest over recent years.

Dr. H.E. Nistazakis, Dr. G.T. Djordjevic, Dr. W. Gappmair, Dr. S. Sinanovic
Guest Editors

Special issue

Editor-in-Chief

Prof. Dr. Ali Cemal Benim
Center of Flow Simulation (CFS), Department of Mechanical and Process Engineering, Duesseldorf University of Applied Sciences, D-40476 Duesseldorf, Germany

Message from the Editor-in-Chief

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