Special Issue

Advances in Optical Communications and Networks

Message from the Guest Editors

The nonlinear Shannon limit and the maximum launch power that standard single mode fibre (SMF) can handle puts the physical restrain on the maximum capacity of conventional optical communication links. As the demand for the bandwidth in optical networks continues to grow exponentially, triggered by high-definition media streaming, cloud computing and social media, to name few, it is of great interest to study alternative solutions. This Special Issue aims to deliver new methods and ideas to overcome the capacity crunch in telecommunication links that seems to be inevitable in the near future.

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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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