Special Issue

Latest Advances in Optical Networks for 5G/6G Communications

Message from the Guest Editors

As the main network infrastructure, a new generation of optical networks is required to unleash the full potential of 5G and even 6G communications. To meet this need, various new services are springing up with the requirements of high-capacity, ultra-reliable, low latency, etc., spanning from access to core optical networks. This Special Issue will present a collection of papers with advanced solutions both at data and control plane in optical networks for new service supports in 5G or 6G with the performance improvements in terms of capacity, latency, reconfigurability, survivability, reliability, or simply scaling up the present mode of operation. In addition, we also encourage the submission of papers providing redesigns that feature in-built physical security, sub-linear bandwidth scaling costs, extremely low latency, and reconfigurability.

Guest Editors

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Deadline for manuscript submissions

closed (18 March 2022)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/94326

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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