



Optical Communications and Networking: Prospects in Industrial Applications

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Message from the Guest Editors

This Special Issue aims to explore the latest developments in the optical communication industry: From devices, to system, to network. It will focus on state-of-the-art advances and future perspectives in commercially deployed systems. Topics of interest include, but are not limited to, the following areas:

- Coherent optical communication employing advanced modulation format.
- Pluggable optical modules for datacom and telecom applications.
- Photonics integrated circuit and on-board optics.
- Open optical line system (for example, transport infrastructure project).
- Packet optical integration, software defined networks and network function virtualization.
- Short-reach, direct-detection for data center interconnections.





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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.

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