

Special Issue

Optical Communications and Networking: Prospects in Industrial Applications

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.

Guest Editors

Prof. Dr. Zhongqi Pan

Dr. Qiang Wang

Prof. Dr. Yang Yue

Dr. Hao Huang

Dr. Changjing Bao

Deadline for manuscript submissions

closed (30 November 2019)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/17119

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/appls





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)