



## Intelligent Optical Communication and Networks

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Deadline for manuscript  
submissions:  
**closed (30 April 2024)**

### Message from the Guest Editors

Dear Colleagues,

We are inviting submissions to this *Applied Sciences* Special Issue on “Intelligent Optical Communication and Networks”.

Artificial intelligence has emerged as a powerful tool to solve critical problems that cannot be easily tackled using conventional approaches in future optical communication systems and networking. This Special Issue will focus on the original works in the scope of intelligent optical communications and networking, including but not limited to optical fiber communications, optical space communications, visible light communications and underwater optical communications.

Both theoretical and experimental studies on key technologies such as equalization of distortions introduced by optical channels and other devices, optical performance monitoring, adaptive allocation of networking resources, proactive fault detection/prevention, intrusions detection and network security management, etc are welcome, as well as comprehensive review and survey papers.

Prof. Dr. Aiying Yang

Prof. Dr. Gao Ran

*Guest Editors*





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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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