

## Special Issue

# Innovations on Free Space Optical Communications and Applications

### Message from the Guest Editor

This Special Issue aims to publish high quality research on different and novel approaches to free-space optical communications, also known as optical wireless.

Authors are invited to submit manuscripts within the scope of the Special Issue, which includes but is not limited to the following topics:

- Optical wireless communication applications for future networks
- Free space optics for UAV communications
- Free space optics for underwater communications
- Optical networks on power grid communications
- Flexible-grid elastic optical networks
- Protection, restoration, and security in optical networks
- Hybrid radio frequency/free-space optical communication systems and networks
- Acquisition, tracking, and pointing for free-space optical communications
- Devices, electronics, and circuits for free-space optics
- Software defined networking for optical networks
- Virtualization of optical networks
- Energy-efficient/green optical communications and networks
- Optical communications, systems, and devices for data-center networks
- Optical communications in health and medicine
- New paradigms and position ideas on light communications

### Guest Editor

Prof. Dr. Roberto Rojas-Cessa

Electrical and Computer Engineering; New Jersey Institute of Technology, Newark, NJ 07102, USA

### Deadline for manuscript submissions

closed (30 November 2021)



## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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