





an Open Access Journal by MDPI

Fiber-Based Optical Data Processing

Guest Editor:

Prof. Dr. Zeev Zalevsky

Faculty of Engineering, Bar-Ilan University, 52900 Ramat-Gan, Israel

Deadline for manuscript submissions:

closed (30 April 2020)

Message from the Guest Editor

Keywords

- Fiber-based optical computing and data processing
- Fiber-based fourier optics
- Fiber-based artificial neural networks
- Fiber-based deep learning architectures
- Optical training/inference fiber-based architectures
- Single/multi mode and single/multi core fibers processing architectures
- Fiber-based optical storage
- Fiber-based quantum computing
- Processing of data from distributed fiber optics sensors











an Open Access Journal by MDPI

Editor-in-Chief

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

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

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us