

Special Issue

Advanced Photonics and Optical Communication

Message from the Guest Editor

We are inviting submissions to this Special Issue on Advanced Photonics and Optical Communication. This Special Issue aims to showcase top-quality research works on integrated photonics materials and devices utilizing the property of photon/light or photon–electron interactions and their applications to data computing and communications. Integrated photonics is believed to overcome the ultimate limitations of conventional electronics in terms of speed, capacity and functionality. The Special Issue confronts the fundamental principles, cutting-edge research investigations, and recent advances of integrated photonics materials, devices, circuits, their process technologies and applications. We encourage theoretical, simulation, and experimental studies, as well as comprehensive review and survey papers.

Guest Editor

Dr. Mohammad Rakib Uddin

College of Nano Scale Science and Engineering, State University of New York, Albany, NY 12203, USA

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

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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.

Editor-in-Chief

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

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