



Nanophotonics and Integrated Photonics

Guest Editors:

Dr. Fanfan Lu

School of Artificial Intelligence,
OPTics and ElectroNics (iOPEN),
Northwestern Polytechnical
University, Xi'an 710072, China

Dr. Zhiqiang Yang

School of Microelectronics
Science and Technology, Sun
Yat-Sen University, Zhuhai
519082, China

Deadline for manuscript
submissions:

20 October 2024

Message from the Guest Editors

Dear Colleagues,

Nanophotonics and integrated photonics are two rapidly evolving fields that hold immense promise for revolutionizing various industries, including telecommunications, data processing, sensing, and energy harvesting. Nanophotonics deals with the manipulation and control of light at the nanoscale, whereas integrated photonics focuses on the development of compact and scalable photonic devices and systems.

This Special Issue will address all topics related to the theory, design, simulation, technology, and characterization of novel nanophotonics and integrated photonics devices. Potential topics related to photonic devices include but are not limited to design and computational and theoretical simulations at the nanoscale, fabrication techniques, and the experimental characterization of the photonic nanostructures.

Dr. Fanfan Lu

Dr. Zhiqiang Yang

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento 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 - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)