

Special Issue

Advances in Optical and Optoelectronic Devices and Systems

Message from the Guest Editors

In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in optoelectronic devices and systems, ranging from laser materials to laser sources, novel optoelectronic devices and applications. Potential topics include, but are not limited to, the following:

- Laser materials and optical films:

New laser materials, nonlinear crystals, optical and functional films, etc.

- Laser devices and laser technology:

Solid-state, liquid and gas lasers; fiber lasers; semiconductor lasers; laser technology and devices; infrared, visible and ultraviolet lasers; CW, short-pulse and ultrashort-pulse lasers; ultrafast lasers; high-energy and average-power lasers; etc.

- Novel optoelectronic devices:

Optoelectronic sensors; optoelectronic detectors; electro-optic modulators; acousto-optic modulators; saturable absorbers; etc.

- Applications of optoelectronic devices and systems:

New optical devices, instruments, and technologies; laser detection; laser remote sensing; laser communication; space lasers; underwater lasers; new systems and concepts in laser detection; etc.

Guest Editors

Dr. Xudong Li

Prof. Dr. Qiang Liu

Prof. Dr. Zhengxiang Shen

Deadline for manuscript submissions

closed (31 October 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/145918

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

[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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.

Editor-in-Chief

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

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), Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)