Special Issue

Recent Advances in Optical Sensor Design and Applications

Message from the Guest Editors

This special Issue is intended for the presentation of new ideas and experimental results in the field of design, measurement techniques, and applications of optical sensors. Additionally, it is intended to provide a multidisciplinary forum where researchers can present their recent advances in the aforementioned fields. Topics include, but are not limited to, the following domains:

- All-fiber sensors.
- Laser-based sensors.
- Sensors based on interferometric systems.
- Optical biological sensors.
- Optical chemical sensors.
- Use of machine learning on sensor data.
- Use of artificial intelligence on sensor data.
- Multiparametric optical sensors.
- Special applications of optical sensors.

Guest Editors

Prof. Dr. Ana Dinora Guzman-Chavez

Prof. Dr. Everardo Vargas-Rodriguez

Dr. Qun Han

Deadline for manuscript submissions

closed (20 May 2025)

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.

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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