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Recent Advances in Optical Sensor Design and Applications

Guest Editors:

Prof. Dr. Ana Dinora Guzman-Chavez

Departamento de Estudios
Multidisciplinarios, Universidad
de Guanajuato, Yuriria 38940,
Mexico

Prof. Dr. Everardo Vargas-Rodriguez

Departamento de Estudios
Multidisciplinarios, Universidad
de Guanajuato, Yuriria 38940,
Mexico

Dr. Qun Han

School of Precision Instrument
and Opto-Electronics
Engineering, Tianjin University,
Tianjin 300072, China

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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.



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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.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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