

Special Issue

Development and Applications of Optical Sensing

Message from the Guest Editor

Although optical sensing is a mature field, nevertheless it is still advancing both by capitalizing on the development of new photonic devices and systems, but also by addressing a variety of new applications. To this effect, we invite researchers in academia and industry to submit original and unpublished manuscripts relating to all aspects of optical sensing, including photonic device, fiber and free-space optics based systems. Topics include, but are not limited to the following:

- Physical, chemical, biological sensing.
- Interferometric and polarimetric sensors.
- Photonic crystal fibers, Bragg gratings, etc.
- Nanotechnology.
- Plasmonic optics.
- Colorimetry, evanescent wave, and infrared spectroscopy.
- Sensor multiplexing.
- Theory and simulation.

Guest Editor

Prof. Michael J. Connelly

Department of Electronic and Computer Engineering, University of Limerick, V94 T9PX Limerick, Ireland

Deadline for manuscript submissions

closed (20 July 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/38996

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

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





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, 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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)