Special Issue

Editorial Board Members' Collection Series: Optical Measurements and Sensing Technology

Message from the Guest Editors

Optical sensors have evolved to be one of the most studied and widely applied sensing techniques in industrial, engineering, medical, and biological applications. This Special Issue, entitled "Editorial Board Members' Collection Series: "Optical Measurements and Sensing Technology", focuses on collecting and discussing novel and advanced research works in various fields of optical measurements and sensors. It pursues recent developments and new applications of optical sensing, including significant improvements in sensitivity, precision, accuracy, measurement speed, miniaturization of systems, and integration to optimize systems. Moreover, innovative designs of optical sensors for novel and specific applications are sought to increase the value of the discussion. Submissions including original research papers as well as review articles that summarize recent technical developments are welcome. Topics of interest include, but are not limited to, the following:

- Optical sensors:
- Interferometry;
- Fiber optical sensors;
- Optical measurements;
- Laser doppler velocimetry;
- Optical rangefinder.

Guest Editors

Prof. Dr. Michele Norgia

Dr. Elfed Lewis

Dr. Alberto Vallan

Deadline for manuscript submissions

20 December 2025



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/178373

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

mdpi.com/journal/ sensors





Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



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)

