

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

Prof. Dr. Elfed Lewis

Prof. Dr. Alberto Vallan

Deadline for manuscript submissions

closed (20 December 2025)



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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.

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