

Special Issue

Special Issue on the 2025 International Image Sensor Workshop (IISW2025)

Message from the Guest Editors

The International Image Sensor Workshop (IISW) is the world's largest technology forum fully devoted to solid-state image sensors. The scope of the workshop includes all aspects of electronic image sensor research, design, and development. The workshop papers span a wide range of imaging devices and research topics: pixel physics, image sensor design and performance, application-specific imagers, manufacturing techniques such as wafer stacking and backside illumination, and on-chip optics. Applications include consumer mobile image sensor devices, large-format devices for X-ray and astronomy, time-resolving and photon-counting imagers, and radiation-hardened image sensors. This Special Issue provides the expanded versions of invited papers from the 2025 workshop, covering novel and innovative approaches to image sensors, as well as state-of-the-art incremental improvements in known techniques. Other paper submissions are strictly limited to IISW 2025 participants.

Guest Editors

Dr. Yusuke Oike

Prof. Dr. Robert Henderson

Dr. Johannes Solhusvik

Dr. Min-Woong Seo

Dr. Guy Meynants

Deadline for manuscript submissions

closed (30 November 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/234662

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 9.4
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
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 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)