

Special Issue

Advances in High-Speed CMOS Image Sensor and Related Technologies

Message from the Guest Editor

It is my pleasure to invite you to submit original contributions or review material to the special issue “Advances in high-speed CMOS image sensor and related technologies”. The aim of this issue is to summarise advances in the area of high-speed CMOS imaging sensors and associated disciplines. Potential topics include, but are not limited to:

- Modelling and simulation of novel design structures for fast CMOS image sensors;
- Semiconductor sensors for fast signal processing (SPADs, LGADs etc);
- Advanced CMOS image sensor architectures for high-speed imaging;
- Event driven image processing, on the fly data analysis and neural network assisted data sparsification;
- Novel applications of high-speed CMOS image sensors

Guest Editor

Dr. Dima Maneuski
SUPA School of Physics and Astronomy, University of Glasgow,
Glasgow G12 8QQ, UK

Deadline for manuscript submissions

closed (30 September 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/38640

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
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)