

Special Issue

Electronic Test and Measurement Instrumentation: Design and Applications (2nd Edition)

Message from the Guest Editors

Test and measurement instrumentation covers a large portion of the modern electronics and automation fields. Current testing and measurement techniques range from ultra-small, nanometer-scale, semiconductor manufacturing issues to high-power, large-scale devices and systems. Moreover, the domains of testing and instrumentation are not only limited to electronics and circuits but also include photonics, radio electronics (wireless electronics), and many more. This Special Issue of *Sensors* aims to present advances in such test and measurement solutions under various domains. Topics include, but are not limited to, the following:

- Front-end electronics;
- Signal conditioning;
- Digital signal processing;
- Data processing;
- Control;
- Communication with sensors and in sensor systems;
- Energy harvesting.

Guest Editors

Prof. Dr. Tomasz Starecki

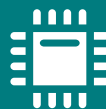
Institute of Electronic Systems, Faculty of Electronics and Information Technology, Warsaw University of Technology, 00-665 Warsaw, Poland

Dr. Piotr Z. Wiczorek

Institute of Electronic Systems, Faculty of Electronics and Information Technology, Warsaw University of Technology, 00-665 Warsaw, Poland

Deadline for manuscript submissions

30 November 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/202202

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)