



an Open Access Journal by MDPI

# Electronic Test and Measurement Instrumentation: Design and Applications

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. Wieczorek

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

Deadline for manuscript submissions: closed (30 March 2024)



#### **Message from the Guest Editors**

Dear Colleagues,

Test and measurement instrumentation covers a large portion of the modern electronics and automation field. Current testing and measurement techniques range from ultrasmall, nanometer-scale semiconductor manufacturing issues to high-power, large-scale devices and systems. Moreover, the domains of testing and instrumentation are not just 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 in 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.

Prof. Dr. Tomasz Starecki Dr. Piotr Z. Wieczorek *Guest Editors* 



mdpi.com/si/116818





an Open Access Journal by MDPI

## **Editor-in-Chief**

## Message from the 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

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.

## **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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

## **Contact Us**

Sensors Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors\_MDPI