



## Measurement Uncertainty in IoT Networks

Guest Editors:

**Prof. Dr. Kostas Karatzas**

Department of Mechanical Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece

**Prof. Cezary Orłowski**

Information Technology Management Department, WSB University in Gdańsk, Poland

**Prof. Dr. Piotr Cofta**

Faculty of Telecommunications, Computer Science and Electrical Engineering, Bydgoszcz University of Science and Technology, 85-796 Bydgoszcz, Poland

Deadline for manuscript submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

Measurement uncertainty is of particular importance in the Internet of Things networks due to the variety of devices and measurement methods. For this reason, uncertainty analysis becomes an important aspect of the assessment of the usefulness of these networks for measurements, the process of data enrichment, their initial processing and use for diagnosing and forecasting phenomena. Then this Special Issue will contain interesting results of uncertainty studies covering both the measurements themselves and their analysis and implementation processes. Topics of interest include but are not limited to the following:

- Remote sensors
- Sensor networks
- Smart / Intelligent sensors
- Sensor devices
- Sensor technology and application
- Sensing principles
- Internet of Things
- Signal processing, data fusion and deep learning in sensor systems





*sensors*



an Open Access Journal by MDPI

## 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

## 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.

## 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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)