



*sensors*



an Open Access Journal by MDPI

## Smart Sensor Technologies: Transforming Physical Security into the Digital World

Guest Editors:

**Dr. Zhiyuan (Thomas) Tan**

**Dr. Ali Ismail Awad**

**Dr. Nour Moustafa**

Deadline for manuscript  
submissions:

**closed (15 March 2023)**

### Message from the Guest Editors

This Special Issue is addressed to applications of smart sensor technologies for all types of physical security.

- Application of sensing technologies in national border security
- Application of sensing technologies in public safety, including road traffic monitoring, crowd tracking, crime prevention, etc.
- Application of sensing technologies in industrial security, including access control, intrusion detection, safe manufacturing, etc.
- Autonomous sensor-assisted physical security systems, such as autonomous security robots, natural disaster management using multi-sensor UAV, etc.
- AI-driven sensed data correlation and analysis for physical security
- Surveillance data analytics using machine learning
- Verifiable sensor-based physical security
- Digital twins for physical security

For more details, please see: [mdpi.com/si/89654](https://mdpi.com/si/89654).



[mdpi.com/si/89654](https://mdpi.com/si/89654)

**Special** Issue



*sensors*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Vittorio M. N. Passaro**

Department of Electrical and  
Information Engineering,  
Politecnico di Bari, Via Orabona  
4, 70126 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 (Instruments and Instrumentation) / 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](#)