



an Open Access Journal by MDPI

The Internet of Things: Sensing Applications and Developments

Guest Editors:

Dr. Awais Ahmad

College of Computer and Information Science, Imam Muhammad Ibn Saud Islamic University, Riyadh 13318, Saudi Arabia

Prof. Dr. Abdellah Chehri

Department of Mathematics and Computer Science, Royal Military College of Canada, Kingston, ON, Canada

Dr. Gwanggil Jeon

Department of Embedded Systems Engineering, Incheon National University, 119 Academy-ro, Yeonsu-gu, Incheon 22012, Republic of Korea

Deadline for manuscript submissions:

closed (31 January 2024)

Message from the Guest Editors

The special issue's goal is to compile reviews and contributions on cutting-edge scientific and technical techniques, best practices, and innovations related to IoT sensors for sensing, applications, and developments. Through the creation of a large collection of articles showcasing recent advancements, fresh experiences, and innovative ideas, this special issue aims to cultivate and gather knowledge in this context for the benefit of industrial practice and research.

Relevant topics include:

- Scalable IoT architectures, including semantic interoperability
- IoT Standards, sensing, applications, and development.
- IoT-based Fog - Cloud Interactions and Enabling Protocols.
- Edge Artificial Intelligence and edge computing applications and technologies.
- IoT Architecture design, interoperability, and technologies.
- Safety, Security, and Privacy Risks and Guarantees in IoT and Cyber-Physical Systems.
- IoT-based Digital Twins and Inter-Realities.
- Artificial Intelligence and IoT.





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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)