



sensors



an Open Access Journal by MDPI

Sensor Systems Empowered by AI, Big Data Processing, and Platform Technology

Guest Editors:

Dr. Kamran Siddique

Department of Computer Science
and Engineering, University of
Alaska Anchorage, Anchorage, AK
99508, USA

Prof. Dr. Ka Lok Man

School of Advanced Technology,
Xi'an Jiaotong Liverpool
University, Suzhou 215123, China

Dr. Rizwan Ali Naqvi

Department of Intelligent
Mechatronics Engineering,
Sejong University, Seoul 05006,
Republic of Korea

Deadline for manuscript
submissions:

20 November 2024

Message from the Guest Editors

Dear Colleagues,

Recent progress in Deep Learning and Machine Learning has made Artificial Intelligence (AI) into a powerful tool that can be leveraged across a wide number of industries. In recognition of the significant convergence and synergies between AI, Big Data Processing (BDP), and PT, this Special Issue aims to delve into how integrated applications can pave the way for breakthroughs and innovations in the field of sensors.

We encourage researchers to address the challenges and opportunities arising from the seamless integration of AI, big data processing, and platform technology, offering insights into how their collective contributions can shape the future landscape of technology-driven industries, especially in the realm of sensors.

- sensor technology
- artificial intelligence
- big data processing
- big data applications
- platform technology
- data science
- emerging AI
- sensor systems



mdpi.com/si/181806

Special Issue



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 (*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](#)