



AI-Enabled Smart Sensing Technologies for Human-Centered Healthcare Applications

Guest Editors:

Dr. Ali Hassan Sodhro

Dr. Ismail Butun

Dr. Muhammad Muzammal

**Dr. Syed Sabir Hussain
Bukhari**

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Our Special Issue focuses on the strong tie between sensing technologies, human cognitive perceptions and decision-making capabilities to develop innovative healthcare applications.systems in different ways.

Topics:

- 1.Sensing technologies for smart, pervasive, and connected healthcare
- 2.IoT for healthcare applications
- 3.AI-based human–computer interface (HCI) applications
- 4.Machine-learning-based applications for self-adaptive systems
- 5.QoS/QoE optimization in human-centered systems
- 6.Reinforcement learning techniques for human healthcare
- 7.Self-centered and adaptive healthcare platforms for ambient assisted-living
- 8.SDN-based IoT healthcare applications
- 9.Frameworks and architectures of self-driven technologies
- 10.Efficient resource allocation in human-centered systems
- 11.Brain Internet of Things
- 12.Blockchain-enabled self-driven and adaptive applications
- 13.Adaptive technologies for pervasive and smart systems
- 14.Security, privacy, and trust in human-centered systems
- 15.Electrical machines, their applications, optimization, and control
- 16.User-centered design for subjective wellbeing





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](#)