

sensors



an Open Access Journal by MDPI

Smart Healthcare Systems Based on the Internet of Things and Artificial Intelligence

Guest Editors:

Dr. Hemant Ghayvat

Computer Science and Media
Technology Department,
Linnaeus University, 392 34 Växjö,
Sweden

Dr. Sharnil Pandya

Department of Computer
Science, Symbiosis Institute of
Technology, Symbiosis
International University, Pune,
India

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Public healthcare informatics and its management is a critical issue for the wellbeing of the public healthcare community. In recent times, there is an immediate need to design and develop healthcare frameworks, public healthcare systems, and quality healthcare services to offer real-time updates related to patient conditions and medical reports to the doctors and caretakers. To advance the concept of smart public healthcare, there is a need to propose fog and edge computing-based medical tools which can collect health sensor data, process them, analyze them, and integrate them with intelligent healthcare applications.

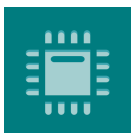
Topics of interest include but are not limited to the following:

- Design and development of smart public healthcare tools;
- Fog and edge computing-based healthcare frameworks;
- Design and development of healthcare tools to perform medical diagnosis using techniques such as medical imaging;
- Multimodal data collection and sensor-fusion based analysis of healthcare sensor data;
- AI-based healthcare diagnosis and prevention;
- Using data analytics in public healthcare for safety and security;



mdpi.com/si/94375

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

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