Special Issue

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

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;

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)

Sensors

Sensors

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed

mdpi.com/journal/sensors

About the Journal

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.

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

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)

MDPI