

Special Issue

Internet of Things and Cloud for Smart Healthcare

Message from the Guest Editors

With the development of smart sensorial media, things, and cloud technologies, "Smart healthcare" is receiving significant consideration from academics, governments, industry, and from the healthcare community. Recently, the Internet of Things (IoT) has brought the vision of a smarter world into reality with a massive amount of data and numerous services. Cloud computing is an enabling technology in this scenario as it presents a flexible stack of computing, storage and software services at low cost. However, the convergence of IoT and the cloud can provide new opportunities for both technologies. IoT-cloud convergence could play a significant role in smart healthcare by offering better insight into heterogeneous healthcare content (e.g., X-ray, ECG, MRI, ultrasound image, clinical notes, claims, and so on) to support affordable and quality patient care. It can also support powerful processing and storage facilities of huge IoT data streams (big data) beyond the capability of individual "things" and provide automated real-time decision-making. Dr. Xu Zheng

Guest Editors

Dr. Zheng Xu

School of Computer Engineering and Sciences, Shanghai University, Shanghai, China

Prof. Dr. Jemal Abawajy

Faculty of Science, Engineering and Built Environment, Deakin University, Burwood, VIC 3125, Australia

Deadline for manuscript submissions

closed (31 July 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/160849

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)