



sensors



an Open Access Journal by MDPI

Smart IoT Systems for Pervasive Healthcare

Guest Editors:

Assoc. Prof. Dr. Nauman Aslam

Department of Computer and Information Science, Faculty of Engineering & Environment, University of Northumbria, Newcastle upon Tyne NE1 8ST, UK

Dr. Qasim Ahmed

Department of Engineering and Technology, School of Computing and Engineering, University of Huddersfield, Huddersfield HD1 3DH, UK

Deadline for manuscript submissions:

closed (31 August 2020)

Message from the Guest Editors

With the tremendous growth in the Internet of Things (IoT) in recent years, it is expected that smart IoT systems will play a vital role in many pervasive healthcare applications. IoT integrated with other technologies could significantly transform the landscape of pervasive care through uninterrupted and ubiquitous monitoring and rehabilitation of patients in private and public care. While the IoT has extended the concept of traditional wireless sensor networks (WSNs) and wireless body sensor networks (WBANs), smart IoTs in pervasive medical care application takes this even further by harnessing the power of machine learning, data analytics, cloud computing, and decision support systems. Many applications of smart IoT systems such as fall detection, patient surveillance, early detection of medical diseases/conditions, detection of smart drug delivery, etc. will greatly benefit the future healthcare systems. This Special Issue encourages submissions of high-quality unpublished papers in both theoretical and experimental research.



mdpi.com/si/32293

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](#)