Digital Healthcare in Pandemics

Guest Editors:

Dr. Muhammad Awais
School of Computing Sciences, University of East Anglia, Norwich, UK

Dr. Mohsin Raza
Department of Computer Science, Edge Hill University, Ormskirk, UK

Prof. Dr. Nik Bessis
Department of Computer Science, Faculty of Applied Sciences (FAS), Edge Hill University, Ormskirk L39 4QP, UK

Deadline for manuscript submissions:
closed (25 October 2021)

Message from the Guest Editors

Topics of interest include, but are not limited to:

- Internet of Medical Things (IoMT);
- Developing and building new models and architecture for IoMT;
- Decision support systems for IoMT-enabled healthcare in pandemics and health crises;
- IoMT for emergency services and pandemics;
- Performance, scalability, and reliability in IoMT;
- Cloud-based healthcare solutions in pandemics;
- Body area networks;
- Intelligent systems;
- Machine learning approaches to facilitate diagnosis and prediction;
- Deep learning for predictive modelling and the realization of digital twins in healthcare;
- Medical image analysis;
- Medical/bio sensors and sensor networks;
- Telehealth solutions and digital doctors;
- Digital twins in healthcare infrastructure;
- Predictive request routing and medical resource allocation;
- Deep learning techniques for diagnosis and decision support;
- Intelligent transportation to facilitate the provision of healthcare services and emergency response;
- ICT-enabled assistive technologies;
- Cloud and fog computing in digital health realization;
- IoMT for the remote monitoring of patients.

Special Issue

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