

Special Issue

Smart Sensors, Big Data Analytics and Modelling in Healthcare and Personalized Medical Applications

Message from the Guest Editors

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

- Biosensors for healthcare;
- Rehabilitation applications for healthcare;
- Monitoring of psychological disorders;
- Remote sensing;
- Optical sensing in bioinstrumentation;
- Security and privacy threats in smart health and smart-sensing;
- Forensic implications of smart sensors in health systems;
- Deep-learning-based diagnostic analysis and processing of biomedical data;
- Behavioural biometrics in health systems;
- Biosensors and randomness for secure application systems;
- Big data analytics, including machine learning and statistical approaches, emerging strategies for sensor fusion, AI-based data mining, and cloud/edge/fog computing for infrastructure maintenance;
- Computational modeling approaches for healthcare simulation, optimization, prediction;
- High-performance computing frameworks, including parallel processing and modeling;
- Other topics.

Guest Editors

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Dr. Muhammad Arif

Prof. Dr. Valentina E. Balas

Prof. Dr. Aniello Castiglione

Deadline for manuscript submissions

closed (31 January 2022)



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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

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