Special Issue

Intelligent IoT Platforms for Wellbeing

Message from the Guest Editor

Wellbeing is a holistic bio-psychosocial construct that is not easy to define and measure. To objectify wellbeing, suitable measurement parameters must be found. In addition to biological and medical parameters, environmental parameters also have a significant influence. Often, individual parameters are not meaningful in themselves, so that a fusion of sensor data makes sense using methods of artificial intelligence.

This Special Issue encourages authors, from academia and industry, to submit new research results about technological innovations and novel applications for monitoring biological, medical, and ambient parameters for the objectification of wellbeing. The topics include but are not limited to:

New applications for smart monitoring IoT platforms for wellbeing;
Sensors for environmental monitoring;
Sensors for monitoring “wellbeing” parameters;
Wearable sensors;
Sensor miniaturization;
Sensor fusion approaches;
Novel technologies;
Artificial Intelligence approaches for IoT platforms for wellbeing;
State-of-the-art devices;
Challenges in design and deployment;
Evaluation of smart sensor approaches for wellbeing

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2022)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/63543

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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.

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