

Special Issue

Biosensors and Interfaces for Mobile Healthcare

Message from the Guest Editor

This Special Issue targets high-quality unpublished research articles on remote sensing technologies used to acquire biological parameters (EEG, ECG, EMG, etc.). It also seeks to leverage innovative research concepts and methods for health care, sports, and other novel applications, articulating new perspectives, highlights, open issues, and challenges. Potential topics include, but are not limited to:

- Cloud sensing for healthcare and sports
- Wearable smart sensors and actuators for health care and AAL
- Multimedia signal acquisition based on compressive sensing
- Electronic multi-panel platforms for healthcare applications
- Wireless communication with/within swarms of implantable devices
- Innovative circuits and interfaces for communication with medical instruments
- Media sensing for video-games
- Resource allocation in multimedia health care
- Biometric authentication for media healthcare applications
- Multimedia enhanced learning, training, and simulation for health
- Data fusion in multimedia sensor networks
- EEG, EMG, ECG signal detection and real time processing
- Modeling of sensors and devices

Guest Editor

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Deadline for manuscript submissions

closed (1 July 2019)



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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

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