Massive Sensors Data Fusion for Health-care Informatics

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Topics of interest for this special issue include but are not limited to:
- Wireless body area sensor networks architectures, protocols, or applications
- Recent developments in sensor technology and wearable computing
- Sensors for the Internet of things
- Multimodal data fusion for healthcare
- Data aggregation and fusion
- Wireless and wearable sensors for health informatics
- Heterogeneous data fusion and context-aware systems for the Internet of things health
- Remote human's health and activities monitoring
- Smart sensors technologies for healthcare
- Big medical data analytics
- Advances of data acquisition to data fusion
- Decision-making systems for sensors data

- Artificial intelligence for health informatics
- Data fusion algorithms for structural health monitoring
- Data mining and fusion algorithms for WBAN
- Health sensor data management
- Sensor informatics for home care monitoring
- Reliable healthcare data transmissions in wireless sensor networks
- Internet of Things networks supporting massive users

The enhancing accessibility of the data resources gives new scopes for health monitoring, while the data aggregated from multiple sensors to make strong decisions remains a challenging problem. Challenges for data fusion in health monitoring will be the focus through the quality papers. Since the sensor technologies has become more demandable in healthcare for development, testing, and trials, it has intended to be a part of both hospitals and homes.

This special issue would focus on recent advances and different research areas in sensor and multi-modal data fusion under the healthcare informatics and would also seek out theoretical, methodological, well-established and validated empirical work dealing with these different topics. The title covers a very vast audience from basic science to engineering and technology experts and learners. This special issue aims at bringing together the latest industrial and academic progress, research, and development efforts within the rapidly maturing health informatics ecosystem. We welcome contributions to the emerging sensor data fusion topics that support prospective healthcare applications.

Papers must describe original research that advances state-of-the-art research and must not be simultaneously submitted to a journal or a conference with proceedings. Papers must be written in excellent English and should not exceed 20 pages. Previously published or accepted conference papers must contain at least 50% new material to be considered for the special issue. A covering letter to the Guest editors clearly describing the extensions made must accompany these types of submissions. All submissions must be made using the instructions available at:

http://annalsoftelecommunications.wp.mines-telecom.fr/how-to-publish/

The authors can directly submit their papers at: https://www.editorialmanager.com/ante/ and must select "Open Topic" in the menu "Choose Article Type" and then in the questionnaire on the "Additional Information" section, they will be able to select the item "CfP: Massive Sensors Data Fusion for Health-care Informatics".

Proposed Schedule

Manuscript Submission:	~~January 31, 2021~~ Extended to March 30, 2021
Online with DOI	As soon as accepted
Printed issue	Second half of 2021