

Special Issue

Advanced Sensing Techniques for Intelligent Human Activity Recognition Using Machine Learning

Message from the Guest Editors

This Special Issue invites original scientific and research articles on state-of-the-art human activity recognition, vital sign monitoring using various sensing techniques (contact and non-contact), and remote patient monitoring in the advanced intelligent healthcare sector. Additionally, this issue invites articles/reviews on cybersecurity for human activity recognition. The core idea is to provide an opportunity to academics, researchers, and industry professionals to showcase their current developments and set future directions. The topics:

- Data analytics for human activity recognition in intelligent healthcare;
- Wearable sensors, devices, or techniques for physiological monitoring;
- Wearable sensors health applications;
- Software-defined radios for vital signs monitoring;
- Disease detection based on handwriting using deep learning;
- Identifying disorders using eye movements;
- Heart rate monitoring techniques using machine learning;
- Gait analysis using wireless sensing;
- Cybersecurity in remote patient monitoring.

Prof. Dr. Qammer Hussain Abbasi

Guest Editors

Prof. Dr. Syed Aziz Shah

Dr. Qammer Abbasi

Dr. Jawad Ahmad

Prof. Dr. Muhammad Ali Imran

Deadline for manuscript submissions

closed (28 February 2022)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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