Special Issue

Ambient Assistive Methodologies/Frameworks for Internet of Medical Things

Message from the Guest Editors

This Special Issue focuses on state-of-the-art fog and edge computing-based ambient assistive healthcare frameworks, tools, and system submissions. It also encourages acoustic and computer-vision-based healthcare solution-related articles. This issue aims to promote awareness of ambient healthcare systems, fog and edge computing-based healthcare services, and emergency healthcare solutions.

- Wearable healthcare solutions embedded with biosensors:
- Ambient assistive frameworks and systems;
- Ambient healthcare frameworks such as HL 7;
- Ambient healthcare systems and point-of-care healthcare instrumentation;
- Ubiquitous healthcare systems and architectures;
- Sensor-fusion based ambient healthcare solutions;
- Bioinformatics for healthcare engineering and systems;
- Wireless acoustic systems for healthcare;
- Medical data mining and big data analytics;
- Innovative acoustic classification frameworks and methodologies;
- Biomedical signal and image processing of IoMT;
- IoMT architecture, implementation, and application.

Guest Editors

Dr. Hemant Ghavvat

Department of Computer Science and Media Technology, Faculty of Technology, Linnaeus University, Växjö, Sweden

Dr. Sharnil Pandya

Department of Computer Science, Symbiosis Institute of Technology, Symbiosis International University, Pune, India

Deadline for manuscript submissions

closed (31 March 2023)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/94481

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

