

Special Issue

Biomedical Signal Processing

Message from the Guest Editors

Advances in electronics in recent years in miniaturization, growth of computer processing power, and the reduction of power consumption, together with new sensing and visualization technologies, have transformed the landscape of potential applications in biomedical engineering where biomedical signal processing is an enabling factor. Such applications range from personalized healthcare through wearable sensing to implantable instrumentation. System-on-chip solutions and powerful embedded systems allow for implementing biomedical signal processing methods and tools enabling real-time applications that used to be bounded to offline processing or desktop applications. This Special Issue calls for papers presenting novel works about biomedical signal processing methods and studies fostering applications and solutions in the following fields:

- Wearable sensing
- Implantable electronics
- Pervasive healthcare
- M-health
- Bedside monitoring
- Point-of-care

Guest Editors

Prof. Dr. Fernando Seoane
Dr. Kunal Mankodiya
Dr. Ivan Pau

Deadline for manuscript submissions

closed (31 December 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/34825

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

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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 guestedited 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).