

Special Issue

Advances of Biomedical Signal Processing and Control

Message from the Guest Editors

Over the past forty years, technology has evolved impressively and led to unimaginable advances in computing power and memory capacity, with significant reductions in size and cost. Despite this technological progress, however, biomedical signal processing and control (theory, methods, and their applications) has only made small steps, while in other fields, such as speech recognition and synthesis, signal processing improvement has been remarkable with an extraordinary spread of applications. In particular, this Special Issue is concerned with signal processing, classification, and interpretation from the information of biomedical signals. Furthermore, it includes biometrics, disease diagnosis, distress analysis, emotion recognition, and various applications based on deep learning or computational intelligence, also including the following fields:

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

Guest Editors

Prof. Dr. Seok-Pil Lee

Department of Electronic Engineering, SangMyung University, Seoul 03016, Republic of Korea

Prof. Dr. Se Dong Min

Department of Medical IT Engineering, Soonchunhyang University, Asan 31538, Republic of Korea

Deadline for manuscript submissions

closed (31 July 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/98440

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)