

Special Issue

Recent Progress and Challenges of Digital Health and Bioengineering

Message from the Guest Editors

This Special Issue is connected to the 12th IEEE International Conference on e-Health and Bioengineering (EHB 2024 <http://www.ehbconference.ro/Home.aspx>). We welcome extended versions of submissions from the conference and regular submissions within this field. Also, we expect papers to be presented at the EHB 2023 conference.

The main objective of the EHB 2023 and 2024 conferences and of this Special Issue is to cover a broad spectrum of up-to-date topics of Digital Health and Medical Bioengineering/Biomedical Engineering by allowing scientists from diverse fields to participate in the presentation, discussion, and evaluation of the latest advances, research challenges, and opportunities in hardware/software technologies, medical devices/instrumentation, biosignal and image processing, biomaterials, biomechanics, biotechnologies, bioinformatics, micro and nanotechnologies, systems biology or virtual physiological human. Nevertheless, we also welcome regular research or review articles on all aspects of digital health and bioengineering.

Guest Editors

Prof. Dr. Hariton-Nicolae Costin
Dr. Gladiola Petroiu
Dr. Cristian Rotariu

Deadline for manuscript submissions

closed (20 March 2026)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/211152

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

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





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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

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