

Special Issue

The Power of Biosignal and Bioimage Processing in Human Healthcare: Advances in the Analysis and Control of Physiological Systems

Message from the Guest Editors

We invite you to submit original research papers and comprehensive reviews on advances in biosignal and bioimage processing, from acquisition to theoretical analysis, computational simulations, and clinical applications. Topics of interest for this Special Issue include but are not limited to the following: New approaches for biosignal/bioimage processing and analysis;

Methods for the classification of biosignals;

Biosignal/bioimage feature extraction;

Algorithms to improve the quality of biosignals;

Artificial Intelligence tools for biosignal/bioimage analysis;

Modeling and simulation of physiological signals;

Biosensors and wearable devices for biosignal acquisition and measurements;

Biomedical signal-based biomarkers. Your contributions will help to improve and advance methodologies for biomedical signal and image processing with key implications in the fields of medicine and healthcare.

Guest Editors

Dr. Alfonso Maria Ponsiglione

Prof. Dr. Francesco Amato

Prof. Dr. Maria Romano

Prof. Dr. Giovanni Improta

Deadline for manuscript submissions

closed (31 August 2022)



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

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

Author Benefits

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