

## 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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## About the Journal

### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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