



Advances in Biomedical Signal Processing

Guest Editor:

Prof. Dr. Fabio La Foresta

Department of Civil, Energy,
Environmental and Materials
Engineering (DICEAM),
Mediterranea University of
Reggio Calabria, 89060 Reggio
Calabria, Italy

Deadline for manuscript
submissions:

closed (20 October 2020)

Message from the Guest Editor

Dear Colleagues,

Recently, biomedical signal processing has brought relevant progress for solving several problems in many areas of biomedical engineering. Today more than ever, the extraction of information hidden in bio-signals plays a crucial role in understanding the secrets of how our body works. Despite the recent impressive progress, new diseases represent a future challenge and biomedical signal processing will continue to play an irreplaceable role for early diagnosis.

The aim of this Special Issue is to present and discuss the most recent advances in biomedical signal analysis and processing. I am inviting original research work including novel theories, innovative methods, and advanced systems that introduce significant advances in applied biosciences and bioengineering.

Keywords:

- multidimensional bio-signals processing
- non-stationary bio-signals analysis
- advanced systems for bio-signal prediction
- reconstruction of bio-electric sources
- bio-signals modeling
- automatic systems for artefacts reduction
- wearable medical devices





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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