Signals in Health Care and Monitoring

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Deadline for manuscript submissions:
closed (20 June 2023)

Message from the Guest Editors

Dear Colleagues,

Disease diagnostics and risk evaluation are often based on signal analysis. Biomedical signal processing has a privileged importance in our daily lives as a powerful tool in the diagnostic and treatment process of innumerous health conditions. ECG, EEG, EMG, TAC and NMR are examples of signals that are studied, modelled and used to make predictions and recommend medical procedures.

We welcome novel research works on signals in all biomedical signal processing fields, including the following:

- Electrocardiography;
- Electroencephalography;
- Evoked potentials;
- Sleep spindles;
- Epilepsy;
- Diabetes;
- COVID-19;
- Signals in Inflammation
- Biomedical image processing;
- Brain–computer interface;
- Electromyography;
- Neuroprosthetics;
- Sleep classification;
- Electrogastrography;
- Electroenterography;
- Electrocystography;
- Electrohysterography;
- Anal sphincter electromyography;

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Special Issue

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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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