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EEG Signal Processing: New Approaches

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Message from the Guest Editors

Dear Colleagues,

Electroencephalography (EEG) is a well-known screening test for examining cognitive abilities in both health and disease. EEG signal processing involves acquiring, evaluating, and treating electroencephalography-measured brain electrical activity. In a wide range of sectors, including healthcare, biomedicine, biomedical engineering, the brain–computer interface, and biometrics, recent advances in signal processing and machine learning for EEG data processing have made tremendous progress in addressing a wide range of practical and demanding problems. This Special Issue aims to present and discuss recent advances in EEG signal analysis and processing. The submission of original research on unique concepts, methodologies, technological expertise, fusion with other diagnoses, and meaningful applications that can lead to significant breakthroughs in EEG data analytics is welcomed.

Special Issue

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Message from the Editor-in-Chief

Our primary goal is to encourage scientists and engineers to publish their theoretical results and developed methods in as much detail as possible. There is no limit to the maximum length of papers. Whenever possible, authors are encouraged to provide relevant data and developed code so that the results can be reproduced. Our goal is to provide a platform for scientists and engineers to share new approaches to signal processing in various application domains.

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