



Special Issue on Clinical EEG and Neuroscience

Call for Papers

Clinical EEG and Neuroscience is an interdisciplinary field that explores the use of electroencephalography (EEG) and related neurophysiological techniques to investigate brain function, diagnose neurological disorders and monitor treatment outcomes. It encompasses epilepsy, sleep disorders, cognitive neuroscience, brain-computer interfaces, neuroimaging integration, evoked potentials and the application of advanced signal analysis and artificial intelligence to improve clinical diagnosis, prognosis and personalized neurological care.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Clinical EEG and Neuroscience**. Potential topics include, but are not limited to:

- Clinical electroencephalography
- Epilepsy and seizure disorders
- Electroconvulsive therapy
- Sleep medicine and polysomnography
- Cognitive and behavioral neuroscience
- Evoked potentials and event-related potentials
- Neurodegenerative and neuropsychiatric disorders
- Brain-computer interfaces and neurotechnology
- Computational neuroscience and EEG signal analysis
- Clinical neurophysiology and neuromonitoring
- Neuromodulation and brain stimulation
- Developmental, neonatal, and pediatric EEG
- Neural oscillations, synchrony, and functional connectivity
- Advanced signal processing and computational EEG
- Affective, social and consumer neuroscience with EEG

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Clinical EEG and Neuroscience**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	October 9th, 2026
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For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

JBiSE Editorial Office