



EEG in Cognitive and Affective Neuroscience

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Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

EEG is a non-invasive technique that can be effectively used for registering the true electrical activity generated by cognitive action and emotions and could be sufficient alone for capturing these brain functions. The proposed Special Issue aims at unambiguously identifying the cognitive and affective functions from EEG signals.

This Special Issue will discuss major aspects of performing research using EEG/ERP-based experiments including the recording of the signals, removing noise, and signal analysis for better understanding the neural correlates of processes involved in cognitive functions and emotions. The use of this methodology will further enhance our understanding of the neural processes involved in cognitive and affective functions.

We welcome contributions on, but not limited to, the following subjects:

- Unbiased elicitation protocols and tasks;
- Brain-bandwidth mapping strategies;
- Design and testing of innovative and efficient signal processing;
- Classification strategies.





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Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 4.7 days (median values for papers published in this journal in the second half of 2025).

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