

ERP—Exploring the temporal microstructure of cognitive functions in the brain

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Current investigations are making it possible to analyze MRI data at a spatial microstructure level. However, temporal resolution is poor in MRI. Using electroencephalography (EEG) and the event-related potentials (ERP) technique, neurocognitive events can be recorded with a millisecond precision. However, this method provides limited information on the brain sources of the signal. This talk is a short introduction to the use of EEG in neurocognitive research.