

Brain Computer Interfaces

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Event Related Potentials

Definition

An event related potential (ERP) is a voltage reading over time from a certain area of the brain. These voltages are fired by the brain due to a certain thought or perception.

- The brain is constantly firing ERPs
- Only some of these ERPs have had their sources and meanings discovered.
- ERPs are usually named with a P or a V followed by a number. The letter is for positive or negative voltage and the number is the latency.