

# Neuroinformatics - Data management and analytic tools for EEG/ERP research



ŠTĚBETÁK, J., BRŮHA, P., MOUČEK, R. Neuroinformatics - Data management and analytic tools for EEG/ERP research. In *Beyond AI: Interdisciplinary Aspects of Artificial Intelligence*. Plzeň: ZČU, NTC, 2011. s. 91-95. ISBN: neuvedeno

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Brain research is currently a rapidly growing scientific field. Large amounts of data, various data formats and non-standardized domain descriptions lead to incompatible results and interpretations of neuroscientific data and to difficult communication between laboratories and scientific teams. Neuroinformatics, a newly established scientific field, provides integration across all levels and scales of neuroscience. Our research group has contributed to the building of a neuroinformatics infrastructure by developing and integrating data management and analytic tools for EEG/ERP (electroencephalography, event-related potential) research.

08.12.2011

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