

Resource Summary Report

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EEProbe

RRID:SCR_009570

Type: Tool

Proper Citation

EEProbe (RRID:SCR_009570)

Resource Information

URL: <http://www.ant-neuro.com/products/eeprobe>

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Description: A complete software package for the study of event-related brain activity with high-resolution EEG/MEG. This package has been designed to suit the high standards of neuroscience research. The software has been developed originally at the Max Planck Institute for Cognitive Neuroscience in Leipzig, Germany, and is available for other institutions through ANT Neuro B.V., The Netherlands, enhanced with the EEProbe Databrowser. ERP investigations, both in psychophysiology research and clinical applications require a multitude of processing steps. Analysis of large data sets is made efficient through advanced scripting possibilities. All different aspects of data handling are efficiently available in the EEProbe Databrowser. Alternatively, external data can be imported from a multitude of formats. Processing in EEProbe makes use of open file formats (see LIBEEP) and is designed to integrate with ASA for advanced source analysis. EEProbe is available for Linux and Mac OS X.

Abbreviations: eeprobe

Resource Type: software application, software resource

Keywords: eeg, meg, electrocorticography, event related potential, time domain analysis

Availability: Commercial license

Resource Name: EEProbe

Resource ID: SCR_009570

Alternate IDs: nlx_155750

Alternate URLs: <http://www.nitrc.org/projects/eeprobe>

Record Creation Time: 20220129T080253+0000

Ratings and Alerts

No rating or validation information has been found for EEProbe.

No alerts have been found for EEProbe.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Proverbio AM, et al. (2024) Neural correlates of recalled sadness, joy, and fear states: a source reconstruction EEG study. *Frontiers in psychiatry*, 15, 1357770.

Orlandi A, et al. (2020) Muscular effort coding in action representation in ballet dancers and controls: Electrophysiological evidence. *Brain research*, 1733, 146712.

Orlandi A, et al. (2020) ERP indices of an orientation-dependent recognition of the human body schema. *Neuropsychologia*, 146, 107535.

Courteau ??, et al. (2019) Eliciting ERP Components for Morphosyntactic Agreement Mismatches in Perfectly Grammatical Sentences. *Frontiers in psychology*, 10, 1152.

Orlandi A, et al. (2019) Bilateral engagement of the occipito-temporal cortex in response to dance kinematics in experts. *Scientific reports*, 9(1), 1000.

Orlandi A, et al. (2019) Left-Hemispheric Asymmetry for Object-Based Attention: an ERP Study. *Brain sciences*, 9(11).

Zhang B, et al. (2017) Intensity Dependence of Auditory Evoked Potentials in Primary Dysmenorrhea. *The journal of pain*, 18(11), 1324.

Philipp M, et al. (2017) Beyond Verb Meaning: Experimental Evidence for Incremental Processing of Semantic Roles and Event Structure. *Frontiers in psychology*, 8, 1806.

DePriest J, et al. (2017) Language and music phrase boundary processing in Autism Spectrum Disorder: An ERP study. *Scientific reports*, 7(1), 14465.

Friedrich M, et al. (2017) The Sleeping Infant Brain Anticipates Development. *Current biology : CB*, 27(15), 2374.

Mah J, et al. (2016) Using Event-Related Brain Potentials to Assess Perceptibility: The Case of French Speakers and English [h]. *Frontiers in psychology*, 7, 1469.

Beudt S, et al. (2015) On the Role of Mentalizing Processes in Aesthetic Appreciation: An ERP Study. *Frontiers in human neuroscience*, 9, 600.

Bocquillon P, et al. (2015) Impaired Early Attentional Processes in Parkinson's Disease: A High-Resolution Event-Related Potentials Study. *PloS one*, 10(7), e0131654.

Adorni R, et al. (2014) Electro-cortical manifestations of common vs. proper name processing during reading. *Brain and language*, 135, 1.

Wendt M, et al. (2014) Utility-based early modulation of processing distracting stimulus information. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(50), 16720.

Peschard V, et al. (2013) The impact of the stimulus features and task instructions on facial processing in social anxiety: an ERP investigation. *Biological psychology*, 93(1), 88.

Selinger L, et al. (2013) Phasic boosting of auditory perception by visual emotion. *Biological psychology*, 94(3), 471.

Dhooge E, et al. (2013) A late locus of the distractor frequency effect in picture-word interference: evidence from event-related potentials. *Brain and language*, 124(3), 232.

Adorni R, et al. (2013) Since when or how often? Dissociating the roles of age of acquisition (AoA) and lexical frequency in early visual word processing. *Brain and language*, 124(1), 132.

Rossignol M, et al. (2012) Enhanced perceptual responses during visual processing of facial stimuli in young socially anxious individuals. *Neuroscience letters*, 526(1), 68.