



Basics of ERP data analysis with BrainVision Analyzer 2

Oslo (Norway) | November 5 - 7, 2019

Day 1: Tuesday, November 5

12:30 pm - 01:00 pm	Introduction to the physiological principles of EEG recordings
01:00 pm - 01:30 pm	Overview of EEG data acquisition
01:30 pm - 02:15 pm	Review of typical EEG signals and artifacts
<i>02:15 pm - 02:30 pm</i>	<i>Coffee Break</i>
02:30 pm - 03:30 pm	Introduction to the interface and concepts of BrainVision Analyzer 2.2
03:30 pm - 04:00 pm	Overview of typical analysis EEG concepts

Day 2: Wednesday, November 6

09:00 am - 09:30 am	Introduction to the ERP methodology
09:30 am - 10:30 am	ERP analysis including data pre-processing
<i>10:30 am - 10:45 am</i>	<i>Coffee Break</i>
10:45 am - 11:15 pm	ERP analysis including data pre-processing (cont'd)
11:15 am - 12:00 pm	Correction of ocular artifacts
<i>12:00 pm - 01:00 pm</i>	<i>Lunch Break</i>
01:00 pm - 01:45 pm	Correction of ocular artifacts (cont'd)
01:45 pm - 02:45 pm	Post-processing of ERPs including value extraction
<i>02:45 pm - 03:00 pm</i>	<i>Coffee Break</i>
03:00 pm - 04:00 pm	Group-level analysis including automation

Day 3: Thursday, November 7

09:00 am - 09:30 am	Introduction to spectral analysis with FFT
09:30 am - 10:15 am	Spectral analysis of alpha band power
<i>10:15 am - 10:30 am</i>	<i>Coffee Break</i>
10:30 am - 11:00 am	Introduction to spectral analysis with Wavelets
11:00 am - 12:00 pm	Power analysis in the time-frequency domain