

Working with EEG/ERP data

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9 September, 14:00-16:00

In this working session, I will go over the different steps of designing and analyzing an auditory ERP study with specific attention to issues pertaining to prosody. I will cover the creation of stimulus materials, including the use of cross-splicing and/or pre-testing. With respect to analysis, I will explain the different pre-processing steps, such as baselining and artifact rejection, as well as statistical analyses that can be used and potential problems one could encounter. If time allows and people are interested, I might also cover some basic principles of time-frequency analysis and/or localization of EEG data. The aim for this session is to make it as interactive as possible, possibly including some small assignments that can be solved in small groups but also allowing plenty of opportunity for questions from the audience.