



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI PSICOLOGIA
"RENZO CANESTRARI"

PhD Program in Psychology

Seminar "Methods in cognitive neuroscience: Psychophysiological measures recording and analysis"

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Centro di studi e ricerche in Neuroscienze Cognitive, Viale Rasi e Spinelli 176, Cesena

Abstract

This workshop aims to equip participants with the skills to design robust experiments, collect, analyze and interpret psychophysiological data. The workshop will cover best practices for experimental design, data collection, and preprocessing. After a theoretical introduction related to the main methodological issues that should be considered when designing psychophysiological experiments, students will be engaged in hands-on activities to collect and preprocess data from electrodermal activity.

Please, bring your own laptop with MATLAB installed on it. Here you can find instructions for installation <https://www.unibo.it/en/study/life-at-university-and-in-the-city/discounts-for-computer-tablet-and-software-1/matlab/matlab-1>

Reading: Dawson ME, Schell AM, Filion DL. The Electrodermal System. In: Cacioppo JT, Tassinary LG, Berntson GG, eds. *Handbook of Psychophysiology*. Cambridge Handbooks in Psychology. Cambridge University Press; 2016:217-243.