

EEG-fMRI Training

by LABMAN & Brain Support

Lecturers: Ivo Ieiva & Paulo Bazán

Schedule

October 7th

09:00 – 10:30: Introduction to fMRI and EEG
10:30 – 10:45: Coffee break
10:45 – 11:15: Combined EEG-fMRI
11:15 – 11:45: Safety considerations
11:45 – 12:30: The equipment (hands-on)
12:30 – 14:00: Lunch
14:00 – 15:30: EEG cap set-up (hands-on)
15:30 – 17:00: EEG-fMRI data acquisition (hands-on)

October 8th

09:00 – 09:30: Data analysis intro
09:30 – 10:30: EEG data analysis (follow-through)
10:30 – 10:45: Coffee break
10:45 – 12:30: EEG data analysis (hands-on)*
12:30 – 14:00: Lunch
14:00 – 15:30: fMRI analysis (follow-through)**
15:30 – 15:45: Coffee break
15:45 – 17:00: fMRI-EEG future perspectives

October 9th

09:00 – 11:00: Introduction to NIRS and demo data acquisition
11:00 – 12:00: Q&A about participant's project ideas



This course will provide complete introduction to EEG-fMRI, presenting the advantages and safety requirements to combine both techniques. Participants will acquire and analyze real data during hands-on sessions. The course will discuss future perspectives to analyse and integrate EEG and fMRI data.

*Participants are invited to bring their Windows notebook for EEG data analysis

**Matlab and SPM (or FSL - Unix) are also welcome for fMRI data analysis

*** Subscription fee: \$20.000 CLP / \$30 USD

Venue Clínica Las Condes - Santiago - Chile

Subscriptions Sandra Escobar - asistentedesimulacion@clc.cl - +56983480730