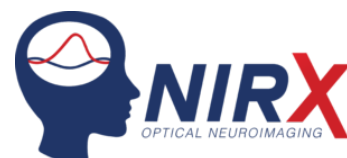




WORKSHOP: FUNCTIONAL NEAR-INFRARED SPECTROSCOPY WORKSHOP

Organizers

Maria Adelia de Aratanha
Alkinoos Athanasiou



Introduction

This workshop is organized in collaboration with NIRx Medical Technologies (Berlin, Germany) and aims at providing the audience with a great overview of fNIRS technology. We will demonstrate tools on how to create a cap montage, design an experiment and run a successful acquisition. We will have a live data acquisition, as well as an opportunity for hands-on participation.

Any researcher interested in learning more about this exciting application in neuroscience is welcome to join. Software for cap montage (NIRSite) and data acquisition (Aurora) and the Psychopy generating the experimental stimuli will be used.

Proposed program

14:00 – 15:30 Introduction to fNIRS

15:00 – 16:30 How to prepare an fNIRS experiment (NIRSport2 device Demo)

16:30 – 17:00 Coffee Break

17:00 – 18:00 fNIRS applications

18:00 – 19:30 Acquisition Hands-On

Keywords

Signal acquisition, Functional near-infrared spectroscopy, Hands-on workshop, Near-infrared spectroscopy, Neurophysiology

Information

Dates / hours (pending)

Registration fee: - Free with SAN registration

- 50 euro for only workshop attendance

Participant slots : max 25 (on a first-come basis)