

Introduction to practical methods in low-intensity transcranial Electrical Stimulation

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The workshop provides an introduction to practical methods in low-intensity transcranial Electrical Stimulation techniques focusing on transcranial Direct Current Stimulation (tDCS) but applicable to other approaches such as transcranial Alternating Current Stimulation (tACS). After briefly introducing the principles of tDCS, the workshop outlines key dos and don'ts on tES setup including electrode preparation and placement. The workshop concludes with demonstrations of tDCS setup including for home use and High-Definition tDCS with integrated EEG.

Keywords (max. 5)

Transcranial Neurostim.
(tES/tDCS/tACS/rTMS)
Healthcare

Prerequisites (if any; or none)

None

Course Schedule (September 12th, 14:00h – 18:00 CET)

Day 1 (Sunday, Sep 11th)	
14:00	Lectures: Best practices in tES: Adam Woods, Marom Bikson
16:30	Demonstration of tDCS and home-based techniques: Giuseppina Pilloni, Leigh Charvet
17:30	Demonstration of HD-tDCS with EEG Nigel Gebodh

Maximum Intake

No limit