



## Summer School of Brain Mapping and Stimulation Techniques

Blended Intensive Program in the framework of NeurotechEU

15<sup>th</sup>-19<sup>th</sup> of July 2024

### VIRTUAL COMPONENT PROGRAM (9<sup>th</sup>-11<sup>st</sup> of July 2024)

#### Tuesday, 9<sup>th</sup> July 2024 **EEG Basics** (ONLINE)

Day 1		
14:00	Neurobiology of EEG Signals	Lecturer Livia Popa
14:30	Signal Acquisition – EEG live registration	Dr. Hanna Dragoș
16:00		EEG Technician Gabriela Perde

#### Wednesday, 10<sup>th</sup> July 2024 **QEEG Fundamentals** (ONLINE)

Day 2		
14:00	Initial Technical Setup (Brain Vision Analyzer, Brainstorm – MATLAB)	Dr. Hanna Dragoș, Dr. Victor Dăbală
17:00		

#### Thursday, 11<sup>st</sup> July 2024 **QEEG and Other Technologies** (ONLINE)

Day 3		
14:00	QEEG and Functional Magnetic Resonance Imaging (fMRI), Functional Near-Infrared Spectroscopy (fNIRS), Transcranial Magnetic Stimulation (TMS), Transcranial Direct Current Stimulation/ Transcranial Alternating Current Stimulation (tDCS/tACS), Magnetoencephalography (MEG), Eye Tracking (ET)	Dr. Irina Vlad
16:00		