**Summer School of Brain Mapping and Stimulation Techniques**

**Blended Intensive Program in the framework of NeurotechEU**

**9th – 13th of September 2024**

**VIRTUAL COMPONENT PROGRAM (3rd – 4th of September 2024)**

**Tuesday, 3rd of September 2024 EEG Basics** *(ONLINE)*

|  |
| --- |
| **Day 1** |
| 14:0016:00 | Neurobiology of EEG SignalsSignal Acquisition – EEG live registration | Lecturer Livia PopaDr. Hanna DragoșEEG Technician Gabriela Perde |

**Wednesday, 4th of September 2024**

**QEEG Fundamentals and Other Technologies** *(ONLINE)*

|  |
| --- |
| **Day 2**  |
| 14:00 | Initial Technical Setup (Brain Vision Analyzer, Brainstorm – MATLAB) | Dr. Hanna Dragoș,Dr. Victor Dăbală |
| 16:0018:00 | 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 |