UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Non-invasive brain stimulation techniques in cognitive neuroscience

2526-122R-12

Title

Non-invasive brain stimulation techniques in cognitive neuroscience

Teacher(s)

Prof. Leonor J Romero Lauro

Dr. Giacomo Guidali

Language

English

Short description

The course will provide information on the underlying mechanisms of action, parameters setting and fields of application of the main non-invasive brain stimulation techniques, such as Transcranial Magnetic Stimulation (TMS), Transcranial Direct Current Stimulation (tDCS) and an integrated system combining TMS and electroencephalography (TMS-EEG). Examples of use of these techniques in both research and clinical setting will

be provided. A practical session in the lab will be planned.

CFU / Hours

2 CFU/16 hours

Teaching period

January-February, II semester

Sustainable Development Goals