Giuseppe Ippolito

Date of birth | **Nationality:** Italian | **Phone number:**

Email address: giuseppe.ippolito4@studio.unibo.it

Address: Italy (Home)

EDUCATION AND TRAINING

02/2022 – 02/2023 Cesena, Italy
INTERNSHIP University of Bologna

Main activities:
1. Collecting EEG and TMS data;
2. Planning EEG and TMS experiments;
3. Invited lecture on 'Non Invasive Brain Stimulation: Methods and Applications' course, for MSc in Neurosciences and neuro-psychological rehabilitation, University of Bologna (Italy), Prof. Simone Battaglia
4. Supervising students during bachelor degree thesis;
5. Improving programming skills (MATLAB and OpenSesame);

During this period I also became autonomous in all of the preprocessing stages (using EEGLAB).

Address Centre for studies and research in Cognitive Neuroscience, Via Rasi e Spinelli, 176, Cesena, Italy

2019 – 2022 Italy
MASTER'S DEGREE IN NEUROSCIENCES AND NEURO-PSYCHOLOGICAL REHABILITATION University of Bologna

Experimental thesis with the Prof. Vincenzo Romei and Francesco Di Gregorio. We developed a machine learning algorythm to predict the outcome in patients with Disorders of Consciousness

Address Italy | **Final grade** 110/110, with laude

2016 – 2019 Italy
BACHELOR'S DEGREE IN PSYCHOLOGICAL SCIENCES AND TECHNIQUES University of Bologna

Experimental thesis about the changes in the motor cortical anatomy with aging, using a ccPAS protocol and neurocognitive tests.

Address Italy | **Final grade** 103/110

WORK EXPERIENCE

02/2022 – CURRENT Cesena, Italy
UNIVERSITY RESEARCH ASSISTANT UNIVERSITY OF UDINE/UNIVERSITY OF BOLOGNA

Working on the project "Neural bases of Spirituality and prediction of internal bodily states" for the University of Udine (Prof. Cosimo Urgesi) and University of Bologna (Prof. Vincenzo Romei).

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2017 – CURRENT Cesena, Italy
VOLUNTEERING ACEA (ASSOCIAZIONE CEREBROLESIONI ACQUISITE)

During this experience I have been able to get in touch with persons with brain lesions, and to explore their reality. Furthermore, upon their request, I had the opportunity to work in first person and in a remunerated manner upon individualized life projects.

DIGITAL SKILLS

Proficient in Excel | Good command of SPSS | EEGLAB (basic-intermediate) | EEG signal processing | Office (Advanced) | MATLAB (beginner) | Python (basics) | OpenSesame (basic)

LANGUAGE SKILLS

Mother tongue(s):   **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

PUBLICATIONS

Accuracy of EEG Biomarkers in the Detection of Clinical Outcome in Disorders of Consciousness after Severe Acquired Brain Injury: Preliminary Results of a Pilot Study Using a Machine Learning Approach

– 2022
Di Gregorio, F.; La Porta, F., Petrone, V., Battaglia, S.; Orlandi, S.; Ippolito, G.; Romei, V., Piperno, R.; Lullini, G.

Biomedicines

The Role of Alpha Oscillations among the Main Neuropsychiatric Disorders in the Adult and Developing Human Brain: Evidence from the Last 10 Years of Research

– 2022
Ippolito, G.; Bertaccini, R.; Tarasi, L.; Di Gregorio, F.; Trajkovic, J.; Battaglia, S.; Romei, V.
Invited systematic review.

Biomedicines