Azzurra Cristiano

Curriculum Vitae

PERSONAL INFORMATIONS

Sex female | **Date of birth** 13/04/1994 | **Nationality** Italian
E-mail azzurra.cristiano@uniroma1.it | azzurra.cristiano@iit.it
Skype live:azzurra.cristiano

CURRENT POSITION

2019 - Present **PhD candidate in Psychology and Social Neuroscience at Sapienza University of Rome and Santa Lucia Foundation.**
Affiliated researcher at Italian Institute of Technology (IIT, CLN²S@Sapienza, Neuroscience and Society Research Line)

My current research uses Non-Invasive Brain Stimulation techniques (TMS, tES) for investigating the neural and behavioral correlates underlying Cognitive Control and its sub-processes, namely conflict and error monitoring and action inhibition.

EDUCATION AND TRAINING

2018 – 2019 **POST-GRADUATE INTERNSHIP STUDENT**
Center of Mind and Brain Sciences (CIMeC), University of Trento, IT
Supervisor: Professor **Luca Turella**

The research project I was involved during my post-graduate internship concerned how our brain can understand the actions and intentions of other people. The research aim was to assess the specific contributions of the Action Observation Network (AON) and the Mentalizing System (MS) in action and intention understanding through a multi-method approach (behavior, fMRI, MEG, TMS) and exploiting new advanced analytical methods (MVPA, connectivity).

2016 – 2018 Master's degree in **NEUROSCIENCE AND NEUROPSYCHOLOGICAL REHABILITATION**
LM-51 – Master's Degree in Psychology, Alma Mater Studiorum - University of Bologna, Italy.
Supervisor: Professor **Alessio Avenanti**
Thesis: **State-Dependent TMS highlights the roles of frontal and temporal regions of the Mentalizing System in inferring deceptive intents**.
Final Mark: **110/110 cum laude**

Research project: The project I've worked on for my thesis, under the supervision of Professor Alessio Avenanti and Dr. Emmanuele Tidoni, concerned the neural basis of intention attribution

during action observation. It was conducted at the Centre for studies and researches in Cognitive Neuroscience (CsrNC) in Cesena (FC) on healthy volunteers by means of Transcranial Magnetic Stimulation (TMS).

2013 – 2016   Bachelor's degree in **PSYCHOLOGICAL SCIENCES AND TECHNIQUES**
L24 – Bachelor's degree in psychology, Alma Mater Studiorum - University of Bologna, Italy.
Supervisor: Professor **Giuseppe di Pellegrino**
Thesis: **Meccanismi funzionali e basi neurali dei sistemi di ricompensa**

LABORATORY SKILLS AND RESEARCH COMPETENCES

* Experimental design of behavioral and TMS experiments
* TMS, EMG and behavioral data acquisition
* Computer programming for scientific research
* Statistical analyses of TMS and behavioral data
* Statistical analyses of MRI data
* Preparation of scientific papers.

COMPUTER SOFTWARE AND RESEARCH INSTRUMENTS

* Operative Systems: Windows, Mac, Android OS, IOS
* Microsoft Office suite
* Statistical Software: SPSS, STATISTICA, JASP, JAMOVI, G*Power, MorePower
* Programming Languages: Matlab, HTML, CSS, JavaScript
* Matlab toolboxes: psychtoolbox (psychology and neuroscience experimental task programming), SPM (MRI data analysis), CONN (MRI connectivity analysis)
* VR-related software: MakeHumans, Blender
* OpenSesame (experiment builder)
* Biopac Student Lab, AcqKnowledge, Spike7 (EMG Analysis)
* SofTaxic Optic (3D brain neuronavigation)

LANGUAGES

* **Native Italian speaker**
* **English** – level upper-intermediate (B2)
* **French** – level upper-intermediate (B2)

PUBLICATIONS

* **Cristiano A,** Tidoni E, Avenanti A (in prep) *Functional role of the Theory of Mind Network in integrating mentalistic prior information with action kinematics during action observation*

POSTER AND ORAL PRESENTATIONS

∗ **Cristiano A**, Tidoni E, Avenanti A (2019) *Inferring deceptive intentions through the Mentalizing System: a TMS priming study.* **POSTER SESSION**: Concepts, Actions, and Objects: Functional and Neural Perspectives - Workshop, May 2nd/4th, 2019, Rovereto (TN), Italy.

∗ **Cristiano A,** Perazzini A, Fusco G, Aglioti SM (2021) *The functional role of the dorsomedial Prefrontal Cortex and the Extrastriate Body Area in conflict and error processing: a 10hz online rTMS study'* **ORAL PRESENTATION**: Sapienza's Cognitive Neuroscience master course seminars held by Dr. Gabriele Fusco, Ph.D, June 4th, 2021, Rome (RM), Italy.

CONFERENCES AND WORKSHOPS ATTENDANCE

∗ June 21st, 2021, The Building Hotel, Rome (RM), Italy
  Workshop teorico e pratico sulla TMS-EEG'
∗ April 30th, 2021, Online Conference
  Neuroscience goes social 4.0: The plasticity of body representation and social perception
∗ May 27th/28th, 2020
  Computational Modeling in NIBS, Online Workshop 2020
∗ April 20th/22nd, 2020
  NYC Neuromodulation, Online conference 2020
∗ February 28th, 2020, Rome (RM), Italy.
  Neuroscience goes social 3.0: The Body in the Brain & the Social World
∗ May 2nd/4th, 2019, Rovereto (TN), Italy.
  CAOs - Concepts, Actions, and Objects: Functional and Neural Perspectives, Workshop
∗ March 1st, 2019, Mattarello (TN), Italy
  Practical Workshop on Transcranial Brain Stimulation - TBS
∗ December 6th/7th, 2018, Rovereto (TN), Italy
  TBS CNW - Transcranial Brain Stimulation in Cognitive Neuroscience Workshop

Roma, lì 22/11/2021
Azzurra Cristiano