

PERSONAL INFORMATION

Rolando Bonandrini

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Sex Male | [Date of birth](#) 25/09/1992 | [Nationality](#) Italian

CURRENT POSITION

November 2017-now

PhD Student

PhD Course in Psychology, Linguistics and Cognitive Neuroscience, Psychology Department, University of Milano-Bicocca, Milan.

October 2017-now

Post-degree apprentice

fMRI unit, IRCCS Galeazzi, Milan

Project: Effects of a deep Transcranial Magnetic Stimulation protocol on the neural correlates of food perception in obese patients.

Tutor: Dr. Laura Zapparoli

[Clinical Psychology](#)

PROFESSIONAL EXPERIENCE

April 2017-October 2017

Post-degree apprenticeship

fMRI unit, IRCCS Galeazzi, Milan

Project: Study of the cognitive processes and central neural organization in the domains of food perception, food craving and inhibitory control in obese patients.

Tutor: Dr. Laura Zapparoli

[General and Experimental Psychology](#)

[Cognitive Neuroscience](#)

November 2015-March 2016

Pre-degree apprenticeship

Psychology Department, University of Milano-Bicocca, Milan.

Project: Functional parcellation of the hippocampus by means of the Regional Homogeneity index

(ReHo) in resting-state fMRI data.

Tutor: Prof. Eraldo Paulesu

General and Experimental Psychology
Cognitive Neuroscience

August 2014-September 2014

Stage

Comune di Clusone (BG) – Servizi Sociali

Educator at RSA Fondazione Sant' Andrea Onlus

Psychology of Aging

March 2013-April 2013

Pre-degree apprenticeship

Psychology Department, University of Milano-Bicocca, Milan.

Project: Modulation of cortical excitability with transcranial direct current stimulation (tDCS) during execution of working memory and motor tasks in healthy young adults.

Tutor: Dr. Leonor Josefina Romero Lauro.

General and Experimental Psychology
Cognitive Neuroscience

ISTRUZIONE E FORMAZIONE

October 2014 – March 2017

MSc Master Degree in Clinical, Developmental and Neuro-Psychology (summa cum laude).

QQ Level: 7

Psychology Department, University of Milano-Bicocca, Milan.

- Thesis: "Neurofunctional dynamics associated with task difficulty: a revision of the STAC model"
Supervisor: Prof. Eraldo Paulesu
Co-supervisor: Prof. Manuela Berlingeri.

October 2011 – October 2014

BSc Bachelor Degree in Psychological sciences and techniques (summa cum laude).

QQ Level: 6

Psychology Department, University of Milano-Bicocca, Milan.

- Thesis: "Preliminary study on the models of brain aging: experimental evidence from a motor task with tDCS."
Supervisor: Dr. Leonor Josefina Romero Lauro.

SKILLS

Mother tongue Italian

Other languages

	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	Interaction	Oral production	
English	Good	Very Good	Good	Good	Good
FCE (August 2009), level B2					

Professional skills

Cognitive Neuroscience:

- Acquisition, pre-processing and analysis of MRI and fMRI data in young and elderly healthy subjects and obese patients.
- Experiment programming with E-prime and Cogent.
- Meta-analytic techniques for neuroimaging data: Activation Likelihood Estimation (ALE), Hierarchical Clustering.
- Toolbox for resting-state functional connectivity analyses (DPARSF).
- Transcranial Direct Current Stimulation (montage and administration)
- Analysis of behavioral data (i.e. RT, Accuracy) with General and Generalized Linear models.

Neuropsychology:

- Administration and scoring of neuropsychological tests and batteries.

Digital skills

- OSs: Windows, Macintosh, Android, iOS.
- Suite: Office.
- Software for MRI and fMRI data analysis: SMP 8 (MatLab), SPM12 (MatLab), GingerAle, Clu-B (MatLab), DPARSF (MatLab).
- Software for MRI and fMRI data visualization: MRICro, mricron, MRICroGL.
- Software for statistical analyses: IBM SPSS.
- Experiment programming: E-Prime.
- Software for image manipulation: GIMP.
- Software for MIDI programming: AcidPRO.
- Software for Digital Multiplex (DMX) programming: FreeStyler.
- Software for audio and video recording and editing: Sound Forge, VegasPRO, AcidPRO, Cubase.

SCIENTIFIC ACTIVITY

Scientific production

- Vergallito A., Romero Lauro L.J., [Bonandrini R.](#), Zapparoli L., Danelli L., Berlingeri M., What is difficult for you can be easy for me. Effects of increasing individual task demand on prefrontal lateralization: a tDCS study. (*under second review*)

Poster

- Devoto F., [Bonandrini R.](#), Berlingeri M., Ferrulli A., Luzi L., Paulesu E., Zapparoli L., Hungry Brains: a Meta-Analytical Review of Neuroimaging Studies on Food Perception and Appetite in Obese Individuals (*NeuroMI 2017 International Symposium: Personalised Medicine in Multiple Sclerosis, Milan, 13-15.09.2017*)

- Zapparoli L., & Sacheli L., Bonandrini R., Preti M., Pelosi C., Zerbi A., Paulesu E., Mental steps across the adult life-span: a behavioral and fMRI study on motor imagery of walking in young and elderly subjects. (*NeuroMI 2017 International Symposium: Personalised Medicine in Multiple Sclerosis, Milano, 13-15.09.2017*).