

# CLAUDIA RODELLA – CURRICULUM VITAE

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## PERSONAL INFORMATION:

Date of birth: 16<sup>th</sup> May 1988

Place of birth: Brescia (BS) - Italy

Nationality: Italian

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## CURRENT POSITION:

PhD student at the Catholic University of the Sacred Heart, Department of Medicine and Surgery, Rome, Italy. Research activity at the Cognitive Neuroscience Section headed by Prof. Carlo Miniussi, "IRCCS San Giovanni di Dio - Fatebenefratelli", Brescia, Italy

Teaching Assistant for Fundamental of Psychology, held by Prof. Claudia Repetto, Prof. Daniela Villani and Prof. Paola Pizzingrilli, at the Catholic University of the Sacred Heart, Brescia, Italy

## TRAINING AND STUDIES:

- Post Graduate Master in "Collaborative using of psychological tests in clinical and psychotherapy" at the Catholic University of the Sacred Heart, Milan, Italy

- Master Degree in "Clinical interventions in social contexts", awarded on October 2012, Catholic University of the Sacred Heart, Brescia, Italy (Faculty of Psychology). Final thesis entitled: "The relationship between lying and decision making. A tDCS study about the role of prefrontal cortex" . Supervisor: Prof. C. Colombo. Final vote: 110/110 cum laude.
- Bachelor Degree in "Psychological sciences and techniques" , awarded on September 2010, Catholic University of the Sacred Heart, Brescia, Italy (Faculty of Psychology). Final thesis entitled: "The effects of lying on decision making. An experimental study about non-verbal indices" . Supervisor: Prof. C. Colombo. Final vote: 110/110 cum laude.

## **COURSES:**

- Workshop "Non-invasive Electrical Brain Stimulation (tDCS, tACS, tRNS): Basic and Applied Research" directed by C. Miniussi, PhD, Saint John of God Clinical Centre, Brescia, Italy
- Summer School "Live Therapeutic Assessment of an adolescence", directed by S. Finn, PhD and F. Aschieri, PhD at the Catholic University of the Sacred Heart, Milan, Italy
- Workshop "Working on shame in psychotherapy and psychological assessment", directed by S. Finn, PhD and F. Aschieri, PhD at the Catholic University of the Sacred Heart, Milan, Italy
- Workshop "Development of therapeutic alliance in the first session of the psychological consultation of the assessment with adults", directed by S. Finn, PhD and F. Aschieri, PhD at the Catholic University of the Sacred Heart, Milan, Italy
- Workshop "Introduction to the psychological assessment", directed by S. Finn, PhD and F. Aschieri, PhD at the Catholic University of the Sacred Heart, Milan, Italy

## RESEARCH EXPERIENCE:

- 2015 – present      PhD student at the Catholic University of the Sacred Heart, Rome, Italy. Supervisor: Prof. Paolo Maria Rossini. Research activity about neurophysiological markers of neuroplasticity in normal and pathological aging, at the Cognitive Neuroscience Section headed by Prof. Carlo Miniussi, "IRCCS San Giovanni di Dio - Fatebenefratelli", Brescia, Italy.
- 2012 – present      Teaching Assistant for Fundamental of Psychology, held by Prof. Claudia Repetto, Prof. Daniela Villani and Prof. Paola Pizzingrilli, at the Catholic University of the Sacred Heart, Brescia, Italy.
- 2014                      Research Assistant at the Cognitive Neuroscience Section headed by Prof. Carlo Miniussi, "IRCCS San Giovanni di Dio - Fatebenefratelli", Brescia, Italy. Research activity about EEG and non-invasive brain stimulation (TMS, tDCS, tACS, tRNS) data acquisition and analysis.
- 4/2013 - 10/2013    Postgraduate trainee at the Cognitive Neuroscience Section headed by Prof. Carlo Miniussi, "IRCCS San Giovanni di Dio - Fatebenefratelli", Brescia, Italy. Supervisors: Prof. Carlo Miniussi and Maria Concetta Pellicciari PhD
- 10/2012 - 4/2013    Postgraduate trainee at Psychiatry Section headed by Giuseppe Rossi MD, "IRCCS San Giovanni di Dio - Fatebenefratelli", Brescia, Italy. Supervisors: Roberta Rossi

**EXPERTISE:**

- Acquisition and analysis of neurophysiological and physiological signals (EEG, EOG, EMG)
- Analysis of EEG signal in both time (ERPs) and frequency domain
- Application of non-invasive brain stimulation techniques: transcranial magnetic stimulation (TMS) and transcranial electrical stimulations (tDCS, tACS, tRNS)
- Acquisition and analysis of co-registration TMS-EEG data
- Preparation of experimental settings

**SOFTWARE:**

- EMG/MEP/EEG and TMS-EEG acquisition: BrainVision Recorder
- EMG/MEP/EEG and TMS-EEG analysis: BrainVision Analyzer
- Neuronavigation: SofTaxic
- Programming experimental paradigms: Presentation ([www.neurobs.com](http://www.neurobs.com))
- Statistical Analysis: SPSS
- Behavioral Analysis: Microsoft Excel

**FOREIGN LANGUAGES:**

Good knowledge of written and oral English

Fair knowledge of written and oral Spanish

## PUBLICATIONS:

- Bortoletto M, **Rodella C**, Salvador R, Miranda PC, Miniussi C (2016). Reduced Current Spread by Concentric Electrodes in Transcranial Electrical Stimulation (tES). *Brain Stimulation* 9(4):525-8
- Bortoletto M, Pellicciari, MC, **Rodella C**, Miniussi C (2015). The interaction with task-induced activity is more important than polarization: a tDCS study. *Brain Stimulation* 8(2):269-76
- Antonietti A, Colombo B, **Rodella C** (2014). Lies and Decision Making. In *Encyclopedia of Law and Economics* pp. 1-9
- Colombo B, **Rodella C**, Riva S, Antonietti A (2013). The effects of lies on economic decision making. An Eye-tracking study. *Research in Psychology and Behavioral Science*. 1(3) 38-47

## CONGRESSES:

### Poster presentations

**Rodella C**, Cespón J, Rossini PM, Miniussi C, Pellicciari MC (2017). tDCS-induced changes in physiological and pathological brain aging: a multimodal study. 13th International Conference for Cognitive Neuroscience – ICON, Amsterdam (Netherlands), 5th-8th August 2017.

**Rodella C**, Cespón J, Miniussi C, Rossini PM, Pellicciari MC (2016). Neurophysiological markers of physiological aging: assessing plasticity changes induced by tDCS through a TMS-EEG co-registration study. XXIV National Congress of Italian Psychophysiology Society SIPF, Milan, Italy, 26th-29th October 2016

**Rodella C**, Cespon J, Miniussi C, Rossini PM, Pellicciari MC (2016). Prefrontal cortical excitability enhancement after cathodal tDCS: A multimodal study. 6th International Conference on Transcranial Brain Stimulation, Göttingen, Germany, 6th-10th September 2016

**Rodella C**, Borotoletto M, Miranda PC, Miniussi C (2014). Reduced current spread by concentric round electrodes in transcranial Direct Current Stimulation (tDCS). XXII National Congress of Italian Psychophysiology Society SIPF, Florence, Italy, 27th-29th November 2014

#### Oral communications

**Rodella C**, Cespón J, Miniussi C, Rossini PM, Pellicciari MC (2017). TDCS polarity-dependent excitability changes in physiological brain aging: a TMS-EEG study. Cognitive Science Arena, Brixen, Italy, 17th-18th February 2017.

*Winner of the second place as best talk.*

**Rodella C**, Cespón J, Rossini PM, Miniussi C, Pellicciari MC (2017). tDCS polarity-dependent changes in physiological and pathological brain aging: a TMS-EEG study. XXIII Congresso Nazionale della Sezione Sperimentale dell'Associazione Italiana di Psicologia (AIP), Bari. 20th-22nd September 2017.

*Invited talk*

September 2017,  
Claudia Rodella