

CURRICULUM VITAE

Bianca Monachesi

Year of birth: 1989

Place of birth: Rome (RM), Italy

Nationality: Italian

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RESEARCH INTERESTS

emotion, attention, social cognition, neuroscience, clinical psychology

PROFESSIONAL EXPERIENCE

- 2022-ongoing** **Postdoctoral researcher** in the NEXUS – Emergent Attention Lab (Coordinator Prof. L. Chelazzi) Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona.
- **Research project:** "Electrophysiology of Emotion and attention"
- 2019-D2022:** **Postdoctoral researcher** in the Clinical and Affective Neuroscience Lab (Cli.A.N., Coordinator Prof. A. Grecucci) Department of Psychology and Cognitive Science, University of Trento.
- **Research project:** "Emotion and psychopathologies"
 - **Research project:** "Emotion regulation and neural correlates"
 - **Research project:** "Sexual-objectification: from perception to neuro-psychological consequences"
 - **Techniques of investigation:** EEG, fMRI, behavioral
- 2018-2019:** **Research activity** in Affective Process and Social Cognition Laboratory (Coordinator Prof. A. Pecchinenda), Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza".
- **Research project:** "*Effect of tDCS on temporal selective attention*" (Supervisor Prof. A. Pecchinenda & Prof. M. Lavidor).
 - **Techniques of investigation:** tDCS.
- Mar 2018-Aug 2018:** **Research activity** in MAGICLab (Coordinator Prof. G. Kuhn), Department of Psychology, Goldsmiths, University of London.
- **Research project:** "*Socio-attentional orienting in complex scenes: Eye tracking data*" (Supervisor Prof. G. Kuhn)
 - **Techniques of investigation:** eye-tracking.
- 2015-2019:** **PhD Program** in Behavioral Neuroscience, Department of Psychology, University of Rome "Sapienza".
- **Thesis dissertation:** "*Facing faces: The influence of facial expression and gaze direction on selective attention*" (Supervisor Prof. Anna Pecchinenda), Excellent *cum laude*.

TRAINING EXPERIENCE

- Gen 2022-ongoing:** **Internship** at the Azienda Provinciale per i Servizi Sanitari (APSS), Rovereto
- Dec 2020-Feb 2022:** **Internship** in the Observation, Diagnosis and Education Laboratory (ODFLAB). Activity of diagnostic assessment and psychological support for adolescent and adults with autism spectrum disease (Supervisor Dr. G. Baldo)
- Apr 2015-Sept 2015:** **Internship** in Cognitive, Social and Affective Neuroscience Laboratory (CoSAN, Coordinator Prof. S.M. Aglioti), Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza" and Santa Lucia Foundation.
- **Research projects:** "*Personal and social rewards differently shape the neural correlates of deceptive decision-making*" (Supervisor Dr. MS Panasiti)
 - **Techniques of investigation:** EEG
- Apr 2015-Sept 2015:** **Post-lauream internship** in Affective Processes and Social Cognition Laboratory (Coordinator Prof. A. Pecchinenda), Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza"
- **Research project:** "*Temporal selective attention for emotional information from face*" (Supervisor Prof. A. Pecchinenda).
- Sett 2015-Feb 2016:** **Post-lauream internship** in the Day Center, District 1, Mental Health, Asl Rome 1 (Ex Rome E, Dir. G. Di Cesare).
- Oct 2014-Mar 2015:** **Internship** in Neurology and Imaging of Cognition Laboratory (LabNic, Coordinator Prof. P. Vuilleumier), Departments of Neurosciences and Clinical Neurology, University of Geneva, and in Swiss Center for Affective Science.
- **Research project:** "*Effect of value-based learning on cognitive performance*" (Supervisor Dr. Rashmi Gupta).
 - **Techniques of investigation:** EEG, fMRI, physiological measures.
- 2013-2014:** **Research activity** in the Cognitive, Social and Affective Neuroscience Laboratory (CoSAN, Coordinator: S. M. Aglioti), Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza"
- **Research project:** "*Emotion Regulation and social decision making in Psoriatic Patients*".
 - **Techniques of investigation:** functional thermal imaging, physiological measures.

EDUCATION

- May-July 2021:** Corso di approfondimento ed uso del PDM-2 (Manuale diagnostico psicodinamico), Prof. V. Lingiardi.
- 14-18 June 2021:** 2021 virtual **EEGLAB workshop** (certificated).
- 17-19 May 2021:** SPM Course for **fMRI/VBM** (certificated).
- 10-04-2020:** **Registration to the Psychology Register of Trento** (N° 01131).

- Dec 2019 (ongoing): School of Specialization** in Cognitive Psychotherapy-Neuropsychological integrated, "Istituto Santa Chiara" (ISC), Rome.
- 24 Sept 2019:** **Professional Habilitation for Clinical Psychologists.**
- 05-06 July 2018:** **Workshops:** "Eye Tracking Introduction to EyeLink" and *Masterclass: Dynamic Stimuli*", Goldsmiths, University of London (UK)
- June-July 2016:** **AIP Summer School in Bertinoro:** "Meta-analisi e replicabilità dei risultati: Aspetti teorici e applicazioni in R", Prof. M. Pastore, G. Altoè and Dott. D. Massidda.
- 2011-2014:** **Master's degree** in Cognitive Neuroscience and Psychological Rehabilitation, Faculty of Medicine and Psychology, University of Rome "La Sapienza"
- **Thesis dissertation:** "Emotion Regulation in psoriatic patients: behavioral data" (Supervisors Prof. S.M. Aglioti and Dr. M.S. Panasiti), 110/110 *cum laude*.
- 2012-2013:** **Erasmus Program**, University of Lyon "Lumière II", France.
- 2008-2011:** **Bachelor's degree** in Science and Psychological Techniques for the Analysis and Clinical Evaluation of Cognitive Processes, Faculty of Medicine and Psychology, University of Rome "Sapienza"
- **Thesis dissertation:** "Lateralization of spatial neglect in human: Anatomical and functional interpretations" (Supervisor Prof. F. Doricchi).

PUBLICATIONS

- **Monachesi, B.**, Deruti, A., Grecucci, A., & Vaes, J. (2023). Electrophysiological, emotional and behavioural responses of female targets of sexual objectification. *Scientific Reports*, 13(1), 5777.
- Zanella, F., **Monachesi, B.**, & Grecucci, A. (2022). Resting-state BOLD temporal variability in sensorimotor and salience networks underlies trait emotional intelligence and explains differences in emotion regulation strategies. *Scientific Reports*, 12(1), 1-12.
- **Monachesi, B.**, & Pecchinenda, A. (2022). Weaker inhibition after happy faces: evidence from an attentional blink task with emotional and neutral faces. *Motivation and Emotion*, 1-11.
- Grecucci, A., Messina, I., & **Monachesi, B.** (2021). La ricerca sulla regolazione emozionale: stato dell'arte e sviluppi futuri. *Giornale italiano di psicologia*, 48(3), 733-760.
- Grecucci, A., Messina, I., & **Monachesi, B.** (2021). Espansioni del campo sulla ricerca dei meccanismi della regolazione delle emozioni. *Risposte. Giornale italiano di psicologia*, 48(3), 801-808.
- Grecucci, A., Lapomarda, G., Messina, I., **Monachesi, B.**, Sorella, S., & Siugzdaite, R. (2022). Structural features related to affective instability correctly classify patients with Borderline

Personality Disorder. A Supervised Machine Learning approach. *Frontiers in Psychiatry*, 13.

- Pecchinenda, A., De Luca, F., **Monachesi, B.**, Petrucci, M., Pazzaglia, M., Doricchi, F., & Lavidor, M. (2021). Contributions of the Right Prefrontal and Parietal Cortices to the Attentional Blink: A tDCS Study. *Symmetry*, 13(7), 1208.
- Ruzzante, D., **Monachesi, B.**, Orabona, N. & Vaes, J. (2021). The Sexual Objectification and Emotion database: A free stimulus set and norming data of sexually objectified and non-objectified female targets expressing multiple emotions. *Behavior Research Methods*, 1-15.
- Luca, F. D., Petrucci, M., **Monachesi, B.**, Lavidor, M., & Pecchinenda, A. (2020). Asymmetric Contributions of the Fronto-Parietal Network to Emotional Conflict in the Word-Face Interference Task. *Symmetry*, 12(10), 1701.
- Pecchinenda, A., **Monachesi, B.**, & Laeng, B. (2020). Fearful expressions of rapidly presented hybrid-faces modulate the lag 1 sparing in the attentional blink. *Acta Psychologica*, 209, 103124.
- Panasiti, M. S., Ponsi, G., **Monachesi, B.**, Lorenzini, L., Panasiti, V., & Aglioti, S. M. (2019). Cognitive load and emotional processing in psoriasis: a thermal imaging study. *Experimental brain research*, 237(1), 211-222.
- Ponsi, G., **Monachesi, B.**, Panasiti, V., Aglioti, S. M., & Panasiti, M. S. (2018). Physiological and behavioral reactivity to social exclusion: a functional infrared thermal imaging study in patients with psoriasis. *Journal of neurophysiology*, 121(1), 38-49.

CONFERENCE PRESENTATIONS

- **Monachesi, B.**, Grecucci, A., Ahmadi Ghomroudi, P., Messina, I. (2023). Reappraisal vs acceptance: a meta-analytic approach to investigate the relevance of control-related prefrontal areas in adaptive emotion regulation strategies. Poster presentation at the 41th European Workshop on Cognitive Neuropsychology (EWCN), Bressanone, 23-27 January 2023
- **Monachesi, B.**, Grecucci, A., Ahmadi Ghomroudi, P., Messina, I. (2022). Reappraisal vs acceptance: a meta-analytic investigation on the neural substrates of top-down and bottom-up emotion regulation strategies. Oral presentation at the (SPR-IAG), 25-26 October 2022, Cremona, Italy
- **Monachesi, B.**, Deruti, A., Grecucci, A., Vaes, J. (2022). (Men's) Faces – in - (Objectifying) context: Female's affective, electrophysiological and behavioural responses to objectifying men. Oral presentation at the Italian Association of Psychologist (AIP), 27-30 September 2022, Padova, Italy
- **Monachesi, B.**, Zanella, F., Grecucci, A. (2022). What is the Link Between Emotional Intelligence and Emotion Regulation? Behavioural and Resting-State Functional Connectivity Evidences at the Social & Affective Neuroscience Society (SANS), 4-6 May 2022, virtual conference.
- **Monachesi, B.**, Deruti, A., Grecucci, A., Vaes, J. (2022). Women in the objectification crosshairs: Affective, behavioural and electrophysiological responses in objectifying interactions. Poster presentation at the Society for Affective Science (SAS), 30 March-2 April

2022, Virtual Conference.

- **Monachesi, B.**, Zanella, F., Grecucci, A. (2022). What is the Link Between Emotional Intelligence and Emotion Regulation? Behavioural and Resting-State Functional Connectivity Evidences. Poster presentation at the 40th European Workshop on Cognitive Neuropsychology (EWCN), 23-28 January 2022, Bressanone, Italy
- **Monachesi, B.**, Pecchinenda, A. (2021). Differential effect of angry and happy faces on temporal attention: Evidence from an Attentional Blink task. Oral presentation at the Society for Affective Science (SAS) Virtual Conference, 13-16 April 2021
- **Monachesi, B.**, & Pecchinenda, A. (2017). Face age effect on attention orienting in young and old adults. Oral presentation at the XXIII Congress of Experimental Psychology, Italian Association of Psychology, September 20-22, 2017, Bari, Italy
- **Monachesi, B.**, & Pecchinenda, A. (2017). To process variant aspect of face: relationship between gaze direction and facial expressions. Poster presentation at the 47th European Brain and Behaviour Society Meeting, 8-11 September 2017, Bilbao, Spain
- **Monachesi, B.**, Laeng B., & Pecchinenda, A. (2016). The effect of hidden facial expressions in a rapid serial visual presentation. Poster presentation at the 57th Annual Meeting of the Psychonomics Society, November 17-20, Boston, USA
- **Monachesi, B.**, & Pecchinenda, A. (2016). Temporal Characteristic of Selective Attention for Positive and Negative Emotional Faces. Oral presentation at the XXII Congress of Experimental Psychology, Italian Association of Psychology, September 20-22, 2016, Rome, Italy.

DIDACTIC EXPERIENCES

- 2022-2023:** “Psychobiology and physiological psychophysiology” course (72h), University of Rome Tor Vergata.
- 2021-2022:** 12 cycles of Workshops (6h each) on “Neural correlates of affective processing and social cognition: EEG technique”
- 2020-2022:** Lessons on the “Introduction to Neuropsychology and evaluation tests” (4h). Human-computer Interaction course, University of Trento (teaching support activity).
- 2018:** Lessons on “The emotions: what and why” (6h). General psychology course, University of Rome, “La Sapienza” (teaching support activity)
- 2016:** Selective attention and emotion: The attentional blink and the gaze cueing paradigm (2h). Psychology of emotional processes course, University of Rome, “La Sapienza” (teaching support activity)

LANGUAGES

- **Italian:** mother tongue
- **French:** good knowledge (DELF B2)
- **English:** good knowledge
- **LIS** (Italian Language of Sign): Level 2

COMPUTER SKILLS

- **Microsoft Office package (Word, Excel, PowerPoint)**

- **Statistical software:** SPSS, R (basic knowledge).
- **Software for stimuli presentation:** E-Prime, Experiment Builder, OpenSesame + OSWEB for online experiments)
- **Other software:**
 - ERPLAB, EEGLAB, FieldTrip (EEG analysis)
 - MATLAB
 - Neurotherma.2.2, ThermaCAM Researcher Pro (extraction and analysis of ROIs from infrared thermal images),
 - Data Viewer (software for analysis of eye-tracker data)
 - Photoshop (image editing)
 - CONN, PRoNTTo, spm (MRI analysis)

In compliance with the Italian legislative decree n.196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

Roma, 08/06/2023

Signature
Bianca Monachesi