

CURRICULUM VITAE ET STUDIORUM

Giorgia Ponsi

Employment

- 2018 - on **Post-doctoral fellow** in the Cognitive and Social Neuroscience Laboratory of the Department of Psychology, Sapienza University of Rome, Italy (Supervisor: Prof. Salvatore Maria Aglioti).
- 2016-2017 **Visiting post-doctoral scholar** at the Department of Social Psychology and Social Neuroscience, Institute of Psychology, University of Bern, Switzerland (Supervisor: Prof. Daria Knoch).
- 2012-2015 **Ph.D. student** at the Department of Psychology, Sapienza University of Rome and IRCCS Santa Lucia Foundation, Rome, Italy (Supervisor: Prof. Salvatore Maria Aglioti).

Education

- 2012-2015 **Ph.D. in Psychology and Social Neuroscience**, research career in Cognitive, Social and Affective Neuroscience (coordinator: Prof. Salvatore Maria Aglioti), Department of Psychology, Sapienza University of Rome and IRCCS Santa Lucia Foundation.
- 2009-2011 **M.Sc. in Cognitive Neurosciences and Psychological Rehabilitation**, Methodological-Experimental Career, 110/110 *cum laude*, Faculty of Medicine and Psychology, Sapienza University of Rome Sapienza.
- 2006-2009 **B.Sc. in Psychological and Clinical Assessment**, 110/110, Faculty of Psychology, Sapienza University of Rome.
- 2000-2005 **High School Diploma** 100/100, ITC G.A. Cavazzi, Pavullo nel Frignano, Modena, Italy.

Research interests

- Social and moral decision-making (in healthy and neuropsychological populations)
- Psychophysiological correlates of emotional processing and regulation
- Biases in social categorization of faces, Stereotype Content Model and intergroup behavior
- Evolutionary underpinnings of intertemporal choice and risk proneness

Research techniques

- Functional Thermal Imaging (fTI)
- EEG (Electroencephalography), ERPs (Event Related Potentials), Time-frequency analysis
- Psychophysiology measures (electrodermal activity, heart rate, heart rate variability, respiratory rate)
- sEMG (surface electromyography)
- Behavioral, personality and reaction time measures
- Online surveys and experiments

Internships, Research Training Experiences and Summer schools

- 2014 Summer school on “*Neuroeconomics: Recent advances and future directions*” (directors: Dario Mastrapieri, Camillo Padoa-Schioppa, Aldo Rustichini), 15th-20th June 2014, Erice (Italy).
- 2013 KOSMOS Summer University 2013, “*Human sociality and the brain. Decision making in social contexts*”, Berlin School of Mind and Brain (Humboldt University), 1st-14th September 2013, Berlin (Germany).

- 2012-2013 [Research training in Human Behavior] Internship (September 2012-March 2013) in the Affective Processes and Social Cognition Laboratory (supervision: Prof. Anna Pecchinenda, Department of Psychology, Faculty of Medicine and Psychology, Sapienza University of Rome. Activities: support in studies on the relationship among emotion, attention and working memory load, gaze-cueing and affective priming.
- 2012 [Research training in Animal Behavior] Internship (March-September 2012) in the Unit of Cognitive Primatology (director: Elisabetta Visalberghi), under the supervision of Dr. Elsa Addressi, Institute of Cognitive Sciences and Technologies, National Research Council. Activities: research activity on inter-temporal choice, capacity of inhibition and risk proneness in non-human primates and pre-scholar children.
- 2011 [Research training in Animal Behavior] Excellence Course of the M.Sc. in Cognitive Neuroscience and Psychological Rehabilitation (tutor: prof. David Conversi), Faculty of Medicine and Psychology, Sapienza University of Rome. Activities: coding of videos of freezing behavior and object recognition in mice, supplementary lectures and seminars.
- 2011 [Research training in Human Behavior] Research assistant in the Cognitive Psychology Laboratory (director: prof. Marta Olivetti Belardinelli) of the Department of Psychology, Faculty of Medicine and Psychology, Sapienza University of Rome.
- 2010-2011 [Research training in Human Behavior] Research activity in the Laboratory of Learning and Memory (Coordinator: Clelia Rossi-Arnaud) of the Department of Psychology, Faculty of Medicine and Psychology, Sapienza University of Rome, for conducting studies for the Master Thesis on "Visuo-spatial working memory: a study on the effects of pointing".
- 2008-2009 [Internship in Clinical Psychology] Internship in Consultorio Antera O.N.L.U.S. – Center for prevention and psychological support, Rome.

Personal metrics

Scopus H-index: 6, Total citations: 94.
Google Scholar H-index: 6, Total citations: 163.

Publications in peer-reviewed journals

- (in preparation) Panasiti, M. S.*, **Ponsi, G.***, Monachesi, B., & Aglioti, S. M. Guilt and reward shape the neural correlates of spontaneous deception.
- (in revision) **Ponsi, G.**, Scattolin, M., Villa, R., & Aglioti, S. M. Human moral decision-making through the lens of Parkinson's disease. *npj Parkinson's Disease*.
- 2020 **Ponsi, G.***, Era, V.*, Fini, C., & Falcinelli, I. (in press). Commentary: It's a matter of (executive) load: separation as a load-dependent resetting procedure. *Behavioral and Brain Sciences*, 1-66. Doi: 10.1017/S0140525X20000308.
- 2020 **Ponsi, G.** & Panasiti, M. S. Impulsive-compulsive disorders in Parkinson's Disease: Influence on individual and social decision-making processes. *Rivista di Psichiatria*, 55(4), 213-221. doi: 10.1708/3417.33997
- 2020 Panasiti, M. S., **Ponsi, G.** & Violani, C. Emotions, alexithymia and emotion regulation in patients with psoriasis. *Frontiers in Psychology*, 11:836. doi: 10.3389/fpsyg.2020.00836.
- 2019 Castellano, R., Mancinelli, M., **Ponsi, G.**, Tieri, G. What if versus probabilistic scenarios: a neuroscientific analysis. *Annals of Operations Research* (in press). <https://doi.org/10.1007/s10479-019-03272-5>
- 2019 **Ponsi, G.**, Monachesi, B., Panasiti, V., Aglioti, S. M., Panasiti, M. S. (2019). Physiological and behavioral reactivity to social exclusion: a functional infrared thermal imaging study in patients with psoriasis. *Journal of Neurophysiology*, 121(1), 38-49. doi: 10.1152/jn.00555.2018.
- 2019 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. doi: 10.1007/s00221-018-5416-y.
- 2017 **Ponsi, G.***, Panasiti, M. S.*, Aglioti, S. M., & Liuzza, M. T. (2017). Right-wing authoritarianism and stereotype-driven expectations interact in shaping intergroup trust in one-shot vs multiple-round social interactions. *PLoS ONE* 12(12): e0190142. <https://doi.org/10.1371/journal.pone.0190142>.
- 2017 **Ponsi, G.***, Panasiti, M. S.*, Rizza, G. & Aglioti, S. M. (2017). Thermal facial reactivity patterns predict social categorization bias triggered by unconscious and conscious emotional stimuli. *Proceedings of the Royal Society B: Biological Sciences*, 284:20170908. doi: 10.1098/rspb.2017.0908.

- 2017 Panasiti, M. S., & **Ponsi, G.** (2017). Commentary: Investigating the effects of anger and guilt on unethical behaviour: a dual-process approach. *Frontiers in Psychology*, doi: 10.3389/fpsyg.2017.00159.
- 2016 **Ponsi, G.***, Panasiti, M. S.*, Scandola, M., & Aglioti, S. M. (2016). Influence of warmth and competence on the promotion of safe in-group selection: stereotype content model and social categorization of faces. *Quarterly Journal of Experimental Psychology*, 69(8), 1464-1479. doi: 10.1080/17470218.2015.1084339.
- 2015 De Petrillo, F., Ventricelli, M., **Ponsi, G.**, & Addessi, E. (2015). Do tufted capuchin monkeys play the odds? Flexible risk preferences in *Sapajus* spp. *Animal Cognition*, 18(1), 119-130. doi: 10.1007/s10071-014-0783-7.
- 2015 De Petrillo, F., Gori, E., Micucci, A., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2015). When is it worth waiting for? Food quantity, but not food quality, affects delay tolerance in tufted capuchin monkeys. *Animal Cognition*, 18(5), 1019-1029. doi: 10.1007/s10071-015-0869-x.

* Shared first authorship

Invited talks

- 2019 **Ponsi, G.** *Us and them: observer's face temperature predicts social categorization bias induced by (un)perceived emotional stimuli*. 4th edition Pyrenean Interdisciplinary Research Event (PIREN), Institute for Advanced Study in Toulouse (IAST), Ax-les-Thermes, France, February 6-9, 2019.
- 2016 **Ponsi, G.** *Sense of guilt and reward magnitude modulate the readiness to lie: an ERP study*. Social Psychology and Social Neuroscience Colloquium, February 23rd 2016, University of Bern (Switzerland).

Teaching experience

- 2020 Lecture "*Le emozioni nelle organizzazioni*" (online, duration: 2h). Class: Organizational Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza.
- 2020 Lecture "*Biofeedback e neurofeedback*" (online, duration: 2h). Class: Organizational Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza.
- 2019 Lecture "*Social decision-making*" (26/03/2019, duration: 2h 30min). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza.
- 2019 Lecture "*Introduzione al decision-making*" (25/03/2019, duration: 2h 30min). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza.
- 2018 Lecture "*Social decision-making*" (18/04/2018, duration: 2 h). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza.
- 2018 Lecture "*Introduzione al decision-making*" (11/04/2018, duration: 1 h). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza.
- 2015 In-depth analysis of the paper by Cohn A, Fehr E, Maréchal MA (2014). *Business culture and dishonesty in the banking industry*. *Nature*, 516, 86-89. doi: 10.1038/nature13977. March 24th 2015, IRCCS Santa Lucia Foundation, Rome, Italy.
- 2013-2014 Master student co-supervision. Bianca Monachesi: "Emotional regulation in psychosomatic patients: behavioural data", Department of Psychology, University of Rome Sapienza.
- 2013-2014 Trainee co-supervision. Laura Parrino, Department of Psychology, University of Rome Sapienza.

Editorial activity

Review editor for *Frontiers in Psychology* (section: Cognition).

I served as ad-hoc reviewer for the following journals: *Neuroimage*, *PLoS ONE*, *Self and Identity*, *Psychology and Sexuality*.

Grants and awards

- 2018 Bial Foundation Grant 2018/2019 for the project “*Embodied morality: autonomic signatures of spontaneous deception in mindfulness trained practitioners*” (€ 50000) [PI].
- 2018 Unitelma Sapienza Research Grant – Progetto Bando di Ricerca di Ateneo 2018 “*Financial literacy and neuroscientific investigation*” (€ 10000).
- 2016 SIPP (Italian Society of Psychophysiology) poster award (€ 250).
- 2015 International scholarship awarded by University of Rome Sapienza for a research project on social decision-making (€ 11610) [PI]. The neuroscience project will be developed at the University of Bern, Department of Social Psychology and Social Neuroscience, under the supervision of Prof. Daria Knoch.
- 2015 “Avvio alla ricerca” small grant (Prot. Num. C26N15ESCK, € 1500) awarded by University of Rome Sapienza for the project “*The role of affective awareness in the social categorization processes: behavioral and psychophysiological correlates*” [PI].
- 2013 “Avvio alla ricerca” small grant (Prot. Num. C26N135X7H, € 2000) awarded by University of Rome Sapienza for the project “*When the impossibile makes it possible: imagery of impossibile movements as a new signal for Brain Computer Interface*”, by Rizza, Pavone, Ponsi, Canzano e Bufalari [PI].
- 2010-2011 Grant for collaboration, Department of Psychology, University of Rome Sapienza.

Language skills

Italian: Mother tongue.

English: Good knowledge, written and spoken. PET Certification, level B2, University of Cambridge: Pass with Merit.

I authorize the use of my personal data in compliance with art. 13 of D. Lgs. n. 196/2003.

Roma, 18/12/2020

Giuseppe Ponsi