

CURRICULUM VITAE ET STUDIORUM

Giorgia Ponsi

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Date of birth: 09/06/1986
Place of birth: Pavullo nel Frignano (MO)
Nationality: Italian
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Employment

- 2019 - on **Post-doctoral fellow** (Assegno di ricerca) in the Cognitive and Social Neuroscience Laboratory of the Department of Psychology, University of Rome Sapienza.
- 2018 **Post-doctoral fellow** (Borsa di studio senior) in the Social Neuroscience Laboratory of the IRCCS Santa Lucia Foundation, Rome (Italy).
- 2016-2017 **Visiting post-doctoral scholar** at the Department of Social Psychology and Social Neuroscience, Institute of Psychology, University of Bern (Switzerland).
- 2012-2015 **Ph.D. student** at the Department of Psychology, University of Rome Sapienza and in the Social and Cognitive Neuroscience Laboratory of the IRCCS Santa Lucia Foundation, Rome (Italy).

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, Faculty of Medicine and Psychology, University of Rome Sapienza and IRCCS Santa Lucia Foundation. Ph.D. Dissertation Thesis: "*Is this my in-group? Social categorization is modulated by spontaneous or affective misattributions and influences social decision-making: behavioral, thermal and electroencephalographic data*".
- 2009-2011 **M.Sc. in Cognitive Neurosciences and Psychological Rehabilitation**, Methodological-Experimental Career, 110/110 *cum laude*, Faculty of Medicine and Psychology, University of Rome Sapienza. Experimental thesis: "*Visuo-spatial working memory: a study on the effects of pointing*" (Prof. Clelia Rossi-Arnaud).
- 2006-2009 **B.Sc. in Psychological and Clinical Assessment**, 110/110, Faculty of Psychology, University of Rome Sapienza. Dissertation on: "*Personality subtypes in eating behavior disorders*" (Prof. Vittorio Lingiardi).
- 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 participants and in neuropsychological patients)
- Neural and motor correlates of interpersonal deception
- Biases in social categorization mechanisms
- Autonomic correlates of emotional processing and regulation
- SCM (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

Research Training Experience, Summer schools and Workshops

2014	32 nd Course and 1 st Workshop of the International School of Ethology and the International School of Neurosciences "Sir John Eccles" on " <i>Neuroeconomics: Recent advances and future directions</i> " (directors: Dario Mastrapieri, Camillo Padoa-Schioppa, Aldo Rustichini), 15 th -20 th June 2014, Erice (Italy).
2013	KOSMOS Summer University 2013, " <i>Human sociality and the brain. Decision making in social contexts</i> ", organized by Berlin School of Mind and Brain (Humboldt University), 1 st -14 th September 2013, Berlin (Germany).
2012-2013	Internship (September 2012-March 2013) in the Affective Processes and Social Cognition Laboratory, under the supervision of prof. Anna Pecchinenda, Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza". Activities: support in studies on the relationship among emotion, attention and working memory load, gaze-cueing and affective priming.
2012	Internship (March-September 2012) in the Unit of Cognitive Primatology (director: Elisabetta Visalberghi), under the supervision of Dr. Elsa Addessi, 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	Excellence Course of the M.Sc. in Cognitive Neuroscience and Psychological Rehabilitation (tutor: prof. David Conversi), Faculty of Medicine and Psychology, University of Rome "Sapienza". Activities: coding of videos of freezing behavior and object recognition in mice, supplementary lectures and seminars.
2011	Research assistant in the Cognitive Psychology Laboratory (director: prof. Marta Olivetti Belardinelli) of the Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza".
2010-2011	Research activity in the Laboratory of Learning and Memory (Coordinator: Clelia Rossi-Arnaud) of the Department of Psychology, Faculty of Medicine and Psychology, University of Rome "Sapienza", for conducting studies for the Master Thesis on " <i>Visuo-spatial working memory: a study on the effects of pointing</i> ".
2008-2009	Internship in Consultorio Antera O.N.L.U.S. – Center for prevention and psychological support, Rome.
2005-2006	Developmental and Educational Psychology training course, Faculty of Psychology, University of Padua.

Publications

Papers in peer-reviewed journals

(accepted)	Ponsi, G. & Panasiti, M. S. Rassegna: Il disturbo del controllo degli impulsi nella malattia di Parkinson: influenza sui processi decisionali individuali e sociali. <i>Rivista di Psichiatria</i> .
2019	Castellano, R., Mancinelli, M., Ponsi, G. , Tieri, G. What if versus probabilistic scenarios: a neuroscientific analysis. <i>Annals of Operations Research</i> (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. <i>Journal of Neurophysiology</i> , 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. <i>Experimental Brain Research</i> , 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. <i>PLoS ONE</i> 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. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 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. <i>Frontiers in Psychology</i> , 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. <i>Quarterly Journal of Experimental Psychology</i> , 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 <i>Sapajus</i> spp. <i>Animal Cognition</i> , 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.
- (under review) Panasiti, M. S., **Ponsi, G.** & Violani, C. Emotions, alexithymia and emotion regulation in patients with psoriasis.
- (in preparation) Panasiti, M. S.*, **Ponsi, G.***, Monachesi, B., & Aglioti, S. M. Guilt and reward shape the neural correlates of spontaneous deception.

* Shared first authorship

Abstracts in peer-reviewed journals

- 2017 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., Lorenzini, L., & Grano, C. (2017). Autonomic correlates of emotion regulation in patients with psoriasis: a facial thermal imaging study. *Mediterranean Journal of Clinical Psychology*, 5(2) Suppl. 2017, AIP Clinic and Dynamic Section, 226-227. doi: 10.6092/2282-1619/2017.5.1637, ISSN: 2282-1619.
- 2016 **Ponsi, G.**, Monachesi, B., & Panasiti, M. S. (2016). To trust or not to trust: a thermal imaging study on the effects of social exclusion. XXIV National Congress of the Italian Society of Psychophysiology Proceedings Abstracts. *Neuropsychological Trends*, 20/2016, 152-153.
- 2016 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., & Aglioti, S. M. (2016). Guilt and reward shape the neural correlates of spontaneous deception. XXIV National Congress of the Italian Society of Psychophysiology Proceedings Abstracts. *Neuropsychological Trends*, 20/2016, 39-40.
- 2016 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., & Aglioti, S. M. (2016). Personal and social rewards differently shape the neural correlates of deceptive decision making. 2016 NeuroPsychoEconomics Conference Proceedings, <http://www.neuropsychoeconomics.org>, ISSN 1861-8243.
- 2015 **Ponsi, G.**, Panasiti, M. S., Rizza, G., & Aglioti, S. M. (2015). The role of affective awareness in a social categorization task: behavioural and autonomic data. XXIII National Congress of the Italian Society of Psychophysiology Proceedings Abstracts. *Neuropsychological Trends*, 18/2015, 139-140.
- 2013 Ventricelli, M., De Petrillo, F., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2013). Risk Proneness in Capuchin Monkeys (*Sapajus apella*): Does Feeding Ecology Play a Role? *Folia Primatologica*, 84, 239-346. doi: 10.1159/000354129.
- 2013 De Petrillo, F., Ventricelli, M., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2013). Waiting for the Larger Amount: Do Capuchin Monkeys (*Sapajus apella*) Show a Magnitude Effect in a Delay Choice Task? *Folia Primatologica*, 84, 239-346. doi: 10.1159/000354129.

Scientific conferences

- 2018 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., Panasiti, V. (2018). The autonomic reactivity of social exclusion in patients with psoriasis: a thermal imaging study. Poster presented at the XX National Congress of Italian Psychological Association (AIP), *Clinical and dynamic psychology section*, 7th-9th September 2018, University of Urbino, Urbino, Italy.
- 2018 **Ponsi, G.**, Villa, R., Schepisi, M., & Panasiti, M. S. (2018). Does dopamine shape moral decision-making by inducing a change in sense of agency? An investigation of the "hyper-honesty" phenomenon in Parkinson's Disease. Poster presented at the *São Paulo School of Advanced Science on Social and Affective Neuroscience*, 20th-31st August 2018, São Paulo, Brazil.
- 2017 Panasiti, M. S., Monachesi, B., Lorenzini, L., & **Ponsi, G.** (2017). Autonomic correlates of emotion regulation in patients with psoriasis: a facial thermal imaging study. Poster presented at the XXV National Congress of the Italian Society of Psychophysiology "The Adapting Brain at the different ages of man", 16th September-18th November 2017, Roma, Italy.
- 2017 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., Lorenzini, L., & Grano, C. (2017). Autonomic correlates of emotion regulation in patients with psoriasis: a facial thermal imaging study. Oral communication at the XIX National Congress of Italian Psychological Association (AIP), *Clinical and dynamic psychology section*, 29th September-1st October 2017, Torino, Italy.

- 2017 **Ponsi, G.**, Monachesi, B., & Panasiti, M. S. (2017). To Trust Or Not To Trust: A Thermal Imaging Study On The Effects Of Social Exclusion On Decision Making. Poster presented at the second biennial *International Convention of Psychological Science (ICPS)*, 23-25 March 2017, Vienna.
- 2016 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., & Aglioti, S. M. (2016). Guilt and reward shape the neural correlates of spontaneous deception. Oral communication at the XXIV National Congress of the Italian Society of Psychophysiology "*Brains in Action: dalle Neuroscienze di Base ai Sistemi Sociali Complessi*", 27th-29th October 2016, Milano, Italy.
- 2016 **Ponsi, G.**, Monachesi, B., & Panasiti, M. S. (2016). To trust or not to trust: a thermal imaging study on the effects of social exclusion. Poster presented at the XXIV National Congress of the Italian Society of Psychophysiology "*Brains in Action: dalle Neuroscienze di Base ai Sistemi Sociali Complessi*", 27th-29th October 2016, Milano, Italy.
- 2016 Panasiti, M. S., **Ponsi, G.**, Monachesi, B., & Aglioti, S. M. (2016). Personal and social rewards differently shape the neural correlates of deceptive decision making. Poster presented to the 12th *NeuroPsychoEconomics Conference*, 2nd-3rd June 2016, Bonn (Germany).
- 2015 **Ponsi, G.**, Panasiti, M. S., Rizza, G., & Aglioti, S. M. (2015). The role of affective awareness in a social categorization task: behavioural and autonomic data. Poster presented at the XXIII National Congress of the Italian Society of Psychophysiology "*From segregation to integration: The complexity of human brain functions*", 18th-21th November 2015, Lucca, Italy.
- 2014 De Petrillo, F., Gori, E., Micucci, A., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2014). Quando vale la pena aspettare? Ruolo di quantità, qualità e novità del cibo sulla capacità di attesa nel cebo dai cornetti (*Sapajus* spp.). Oral communication at the AISC-CODISCO 2014 Conference "*Bodies, Tools & Cognition*", 2nd-5th December 2014, Rome, Italy.
- 2014 De Petrillo, F., Paoletti, M., Ventricelli, M., Castano, M. L., **Ponsi, G.**, Paglieri, F., Bellagamba, F., & Addessi, E. (2014). Relazione tra capacità di tollerare l'attesa e propensione al rischio nei cebi dai cornetti (*Sapajus* spp.) e in bambini in età prescolare. Oral communication at the *XXVII Italian Psychological Association (AIP) Congress – Developmental and Educational Psychology Section*, 18th-20th September 2014, Arcavacata di Rende (Cosenza), Italy.
- 2014 De Petrillo, F., Ventricelli, M., **Ponsi, G.**, & Addessi, E. (2014). Do capuchins play the lottery? Decision making under risk in *Sapajus* spp. Oral communication at the *International Primatological Society XXV Congress*, 11th-16th August 2014, Hanoi, Vietnam.
- 2014 **Ponsi, G.**, Scandola, M., Aglioti, S. M., & Panasiti, M. S. (2014). Warmth-blindness: a tool to promote safe in-group selection. Poster presented at CogEvo, *Rovereto Workshop on Cognition and Evolution* (4th edition), "Foundations of Social Cognition", 7th-9th July 2014, Rovereto, Italy.
- 2014 **Ponsi, G.**, Liuzza, M. T., Aglioti, S. M., & Panasiti, M. S. (2014). United Stereotypes of Europe: economical decisions are shaped by nationalistic stereotypes. Poster presented at the International Society of Political Psychology (ISPP) 37th Annual Scientific Meeting - "*Ideologies and Ideological Conflict: The Political Psychology of Belief Systems*", 4th-7th July 2014, Rome.
- 2013 Ventricelli, M., De Petrillo, F., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2013). Risk Proneness in Capuchin Monkeys (*Sapajus apella*): Does Feeding Ecology Play a Role? Oral communication at the 5th *Congress of the European Federation for Primatology*, 10th-13th September 2013, University of Antwerp, Belgium.
- 2013 De Petrillo, F., Ventricelli, M., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2013). Waiting for the Larger Amount: Do Capuchin Monkeys (*Sapajus apella*) Show a Magnitude Effect in a Delay Choice Task? Oral communication at the 5th *Congress of the European Federation for Primatology*, 10th-13th September 2013, University of Antwerp, Belgium.
- 2013 De Petrillo, F., **Ponsi, G.**, Delfino, A., Addessi, E., & Paglieri, F. (2013). Intertemporal choice, risk preferences, and social dominance: an experimental investigation. Poster presented at the Conference "Le Scienze Cognitive: applicazioni e valore socio-economico. Workshop: *Context-dependent consumer decision-making: An interdisciplinary enquiry*", 17th-19th June 2013, Trento, Italy.
- 2013 De Petrillo, F., Ventricelli, M., **Ponsi, G.**, Paglieri, F., & Addessi, E. (2013). Are capuchins gamblers? Decision-making under risk in *Sapajus apella*. Oral communication at the XXI National Conference of the *Associazione Primatologica Italiana (API)* (Italian Primatological Society), 17th-19th April 2013, Asti, Italy.
- 2012 De Petrillo, F., **Ponsi, G.**, Cianciullo, S., Macchitella, L., Paglieri, F., & Addessi, E. (2012). Are capuchin monkeys (*Cebus apella*) tempted with delicacies? Trade-off between food quality and quantity in a delay choice task. Oral communication at the XXV Conference of the *Società Italiana di Etologia (SIE)* (Italian Society of Ethology), 12th-14th September 2012, Viterbo, Italy.
- 2012 De Petrillo, F., **Ponsi, G.**, Cianciullo, S., Macchitella, L., Paglieri, F., & Addessi, E. (2012). Are capuchin monkeys (*Cebus apella*) tempted with delicacies? Trade-off between food quality and quantity in a delay

choice task. Poster presented at CogEvo, *Rovereto Workshop on Cognition and Evolution* (3rd edition), 28th June-1st July 2012, Rovereto, Italy.

Teaching experience

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| 2019 | Lecture “ <i>Social decision-making</i> ” (26/03/2019, duration: 2h 30min). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza. |
| 2019 | Lecture “ <i>Introduzione al decision-making</i> ” (25/03/2019, duration: 2h 30min). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza. |
| 2018 | Lecture “ <i>Social decision-making</i> ” (18/04/2018, duration: 2 h). Class: Social Neuroscience (Prof. Salvatore Maria Aglioti). Department of Psychology, University of Rome Sapienza. |
| 2018 | Lecture “ <i>Introduzione al decision-making</i> ” (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). <i>Business culture and dishonesty in the banking industry</i> . Nature, 516, 86-89. doi: 10.1038/nature13977. March 24 th 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. |

Invited talks

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

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.

Personal metrics

Scopus H-index: 4, Total citations: 58.
Google Scholar H-index: 6, Total citations: 86.

Grants and awards

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| 2018 | Bial Foundation Grant 2018/2019 for the project “ <i>Embodied morality: autonomic signatures of spontaneous deception in mindfulness trained practitioners</i> ” (€ 50000) [PI]. |
| 2018 | Unitelma Sapienza Research Grant – Progetto Bando di Ricerca di Ateneo 2018 “ <i>Financial literacy and neuroscientific investigation</i> ” (€ 10000). |
| 2016 | SIPF (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 “ <i>The role of affective awareness in the social categorization processes: behavioral and psychophysiological correlates</i> ” [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.

IT skills

Operating systems: Windows, MaC OS, Linux.

Common applications: MS Office (Word, Excel, PowerPoint), Open Office.

Statistical softwares: R, SPSS, Statistica, JASP.

Softwares for stimuli creation: Adobe Photoshop.

Softwares for stimuli presentation: E-Prime, Superlab.

Softwares for EEG recording: Neuroscan, Brain Vision Recorder

Softwares for physiological data analysis: LabChart 7 (software for acquisition and analysis of autonomic data; ADInstruments), LEDALAB (MATLAB toolbox for the analysis of Skin Conductance Responses), Brain Vision Analyzer 1.0 and 2.0 (software for acquisition and analysis of EEG data; Brain Products GmbH), EEGLAB (MATLAB toolbox for EEG analysis), LORETA (Low Resolution Electromagnetic Tomography, software for functional source localization and functional connectivity).

Other softwares: MATLAB (basic knowledge), ThermoCAM Researcher Professional (software for the analysis of infrared thermal images), OTACS (Open Thermal Action Coding System, motion-tracking software for the analysis of infrared thermal data, developed by the Computational Physiology Laboratory, University of Houston).

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

Roma, 20/12/2019

Giovane Ponsi