

# Maria Serena Panasiti

## Curriculum Vitae

**Place of Birth:** Rome (Italy)

**Date of Birth:** 2 September 1983

**E-mail:** [m.serenapanasiti@gmail.com](mailto:m.serenapanasiti@gmail.com); [mariaserena.panasiti@uniroma1.it](mailto:mariaserena.panasiti@uniroma1.it);  
[mariaserena.panasiti@postacertificata.gov.it](mailto:mariaserena.panasiti@postacertificata.gov.it)

**Nationality:** Italian

**Current Position:** October 2014 to current:

Research activity: IRCSS Santa Lucia Foundation

**Research activity:** Neural basis of:

- o Social interactions
- o Deceptive decision-making
- o Individual differences in social decision making
- o Social reward processing
- o Autism

**Techniques:**

- EEG and ERPs
- Functional Thermal Imaging
- EMG
- Personality Questionnaire and subjective measures

**Previous Experiences :**

-October 2013- September 2014

Post-Doctoral fellow at the Department of Molecular Medicine (Advisor Prof. Gilberto Corbellini)

-October 2012- September 2013

Post-doctoral fellow at the Cognitive Social and Affective Neuroscience Lab (Advisor: Dr. Matteo Candidi)

- Department of Psychology  
Sapienza University of Rome  
Via dei Marsi, 78  
00185 Roma

November, 2011 – September 2012

- Post-Doctoral Researcher:

- Centre for Integrative Neuroscience and Neurodynamics (CINN)  
(Dr. Bhisudev Chakrabarti)  
Department of Psychology  
University of Reading  
Whiteknights,  
Reading RG6 6AL, UK

- November, 2008 – 2011

Full Grant Phd student at the Cognitive Social and Affective Neuroscience Lab (Prof. Salvatore Maria Aglioti)

- Department of Psychology  
Sapienza University of Rome  
Via dei Marsi, 78  
00185 Roma  
Phone/fax: +39649917635

- IRCCS Fondazione Santa Lucia  
00100 Rome- Italy  
Via Ardeatina, 306  
Phone: +39 06 51501448

## **Education and qualifications**

**2010/2011 Ph.D in *Cognitive Plasticity and Neurorehabilitation* “Sapienza” University of Rome.**  
Dissertation on “Behavioural, Neural and Autonomic Correlates of Spontaneous Deception”

**2008** - Professional Abilitation for Clinical Psychologist

**2006/2007 M.Sc. (cum laude) in *Cognitive Psychology* “Sapienza” University of Rome**  
Dissertation on “Implicit memory in children with brain injury”

**2007/2004 B.Sc. in *Clinical Psychology* “Sapienza” University of Rome**  
Dissertation on “Pain sensitivity in mice lacking the Cav2.1 subunit of P/Q-type Ca<sup>2+</sup> Channels”

## **Professional Trainings**

**September 2011** – Training for ADOS (Autism diagnostic observation schedule) module 3, 4

**April 2011 – October 2011** Visiting student at the *Center for integrative Neuroscience and Neurodynamics (CINN)*. University of Reading (supervisor: Dr.Bhismadev Chakrabarti)

**August 2011** - Wellcome Trust School on *Biology of Social Cognition*. University of Cambridge

**July 2011** - *BrainVision Analyzer 2 Workshop on EEG/fMRI*. University of Reading.

**June 2008** - *Eighth EEGLAB Workshop*. ASPET, France.

**2001-2008** - Training in neuropsychology (Children Hospital Bambino Gesù (Palidoro). Department of Paediatric Neurorehabilitation):

- Experience in diagnosis and assessment of pediatric neuropsychological pathologies (Brain Injury, ADHD, Autism Spectrum Disorders, Learning Disabilities, Mental Retardation).
- Experience in neuropsychological research.

**2005-2008** - Course on Italian Sign Language (3<sup>rd</sup> level)

**2003-2004** - Training in psychobiology (Neuroscience Institute of National Research Council CNR-Neurobiology Department) :

Experience in animal behavioural models (Rotarod Test, Activity-Cage test, Elevated Pluze-Maze)

### **Grants and awards**

**2011-2012** “Sapienza” University of Rome, Italy – Grant for research activity abroad

**2010-2011** “Sapienza” University of Rome, Italy – Grant for collaboration

**2006-2007** “Sapienza-University of Rome”, Italy – Grant for collaboration

**2002-2003** “Sapienza-University of Rome”, Italy – Grant for collaboration

### **Publications**

**Panasiti MS**, Pavone EF, Mancini A, Merla A, Grisoni, L & Aglioti SM (2014) “The motor cost of telling lies: Electrocortical signatures and personality foundations of spontaneous deception”, *Social Neuroscience*, 1-17 IF=2.873

Mancini A, Betti V, **Panasiti MS**, Pavone EF, Aglioti SM (2014) Perceiving monetary loss as due to inequity reduces behavioral and cortical responses to pain. *European Journal of Neuroscience*, 1–11. doi:10.1111/ejn.12582 IF=3.669

**Panasiti MS**, Pavone EF, Merla A, Aglioti SM (2011) Situational and Dispositional Determinants of Intentional Deceiving, *PLoS ONE*, 6(4):e19465. IF=4.092

Mancini A, Betti V, **Panasiti MS**, Pavone EF, Aglioti SM (2011) Suffering makes you egoist: acute pain increases acceptance rates and reduces fairness during a bilateral ultimatum game, PLoS ONE 6(10): e26008 IF=4.092

Luvisetto S, Marinelli S, **Panasiti MS**, Fletcher CF, Pavone F & Pietrobon D (2006) Pain sensitivity in mice lacking the Ca(v)2.1 alpha1 subunit of P/Q-type Ca<sup>2+</sup> Channels. Neuroscience 142(3):823-32. **IF=3.427**

### **Submitted papers:**

Ponsi, G, **Panasiti, MS**, Scandola, M, Aglioti, SM “Warmth-blindness: a tool to promote safe ingroup-selection” Quarterly Journal of Experimental Psychology (QJEP)

Trilla Gros I \*, **Panasiti MS\***, Chakrabarti B “The plasticity of the mirror system: How reward learning modulates the cortical motor simulation of others” Neuropsychologia (Shared first Co-authorship)

### **Paper in preparation:**

**Panasiti M.S.**, Puzzo I., Chakrabarti B. “Reward learning influences social reciprocity: the impact of autistic traits”. In prep

**Panasiti MS**, Cardone D, Pavone EF, Mancini A, Merla A, Aglioti SM “Hot lies: autonomic thermal signatures spontaneous deception. In prep

Azevedo, RT, **Panasiti, MS**, Maglio R, Viola, V and Aglioti, SM “The warm side of deception: how social categorization shapes spontaneous deceptive behavior in a morally relevant setting”. In prep

**Panasiti MS**, Pavone EF, and Aglioti SM “The impact of motor simulation on the electrocortical correlates of error perception in expert pianists”, in prep

### **Poster presentation**

**Panasiti M.S**, Cardone, D, Pavone E.F., Mancini A., Merla A., Aglioti S.M “Hot lies: autonomic thermal signatures spontaneous deception” 30<sup>th</sup> Anniversary of the Psychology department of Rome, December 19<sup>th</sup>, 2013.

**Panasiti M.S.**, Puzzo I., Chakrabarti B. “Reward learning influences social reciprocity: the impact of autistic and behavioural inhibition traits” International Meeting for Autism Research (IMFAR) May 1-4 2013, San Sebastian, Spain.

Mancini, A., Betti V., **Panasiti, MS**, Pavone, EF and Aglioti SM. Why pain makes you egoist and losing money hurts? 8th FENS Forum of Neuroscience, International Convention Centre Barcelona, July 14-18, 2012.

Mancini, A., Betti V., **Panasiti, MS**, Pavone, EF and Aglioti SM. Pain enhance reward seeking behavior and reduce fairness during a bilateral ultimatum game. “Second Symposium on Biology of

Decision-Making". Institut du Cerveau et de la Moelle Epinière (ICM), Hôpital Pitié-Salpêtrière, Paris, France, May 10-11, 2012.

**Panasiti M.S**, Pavone E.F., Mancini A., Merla A., Aglioti S.M "The neurophysiology of deceptive decision making in social interactions" Institut du Cerveau et de la Moelle Epinière (ICM), Hôpital Pitié-Salpêtrière, Paris, France, May 10-11, 2012.

**Panasiti M.S**, Pavone E.F., Mancini A., Merla A., Aglioti S.M "The neural cost of lying: the perceived moral conflict linked to the deception influences lying motor readiness" Poster presentation at *Wellcome Trust School on Biology of Social Cognition*. University of Cambridge. August 14-21 2011.

**Panasiti M.S**, Pavone E.F., Mancini A., Merla A., Aglioti S.M. "Spontaneous lies in social contexts are associated to reduced motor readiness" Poster presentation at *Implications of Research on the Neuroscience of Affect, Attachment and Social Cognition*, UCL, London, May 7-8 2011.

**Panasiti M.S**, Pavone E.F., Mancini A., Merla A., Aglioti S.M. "Spontaneous lies in social contexts are associated to reduced motor readiness" Poster presentation at *Annual Conference on Neuroeconomics: Decision Making and the Brain*, Evanston, Illinois, October 15-17, 2010.

De Martino M, **Panasiti MS**, Nucita C, Menghini D, Vicari S, Sabbadini M& Castelli E "Implicit and explicit memory in children after traumatic brain injury" Poster presented on *the AIP (Italian Psychological Association) section: sperimental*. September 2008, Padua, Italy

De Martino M, **Panasiti MS**, Nucita C, Menghini D, Castelli E, Sabbadini M, Vicari S " Implicit and explicit memory in children after traumatic brain injury" *Poster presented on the ESCOP (European Society for Cognitive Psychology)* September 2009, Cracow, Poland

**Panasiti MS**, Marinelli S, Pavone F, Fletcher CF, Luvisetto S. Pain sensitivity in mice lacking the Ca(v)2.1 alpha1 subunit of P/Q-type Ca<sup>2+</sup> Channels. Poster presented on the *National Meeting of Neuroscience Institute* (National Research Council), March 2005, Rome, Italy.

## **Talks**

**Panasiti MS** "Ingannare il prossimo: correlati neurali ed autonomici della menzogna in contesti sociali" *Neuroetica – Neurobiologia dell'etica ed etica delle neuroscienze*, March 21st, 2014, University of Tuscia, Viterbo

**Panasiti MS**, Pavone E.F, Mancini A., Merla A., Aglioti S. M. "Il cervello che mente", *Brain Awareness Week*, Rome, March 15th, 2010. Oral presentation.

**Panasiti MS**, Merla A, Pavone EF. Decidere di mentire nelle interazioni sociali. Oral presentation on the *SINP (Società Italiana di Neuropsicologia)* November 2009, Bologna, Italy. Oral presentation.

## **Teaching experiences (Lectures)**

**Panasiti MS** “Meccanismi psicologici e neurali alla base di menzogna e inganno sociale” Sapienza University of Rome March 5<sup>th</sup>, 2014 (Class: Social Neuroscience)

**Panasiti MS** “Meccanismi psicologici e neurali alla base delle decisioni” Sapienza University of Rome March 4<sup>th</sup>, 2014 (Class: Social Neuroscience)

**Panasiti MS** “Deceiving the other: behavioural, autonomic and neural correlates of dishonest actions”. Scuola superiore Sant’Anna TeIsp, Pomaia, Pisa, October 18<sup>th</sup>, 2013

**Panasiti MS** “La menzogna nello sviluppo evolutivo” Institute for Advanced Biomedical Technologies (ITAB) of the University of Chieti, May 29<sup>th</sup> 2010.

### **Students co-supervisions**

#### Phd

Giorgia Ponsi “The role of emotional awareness in social decision-making: behavioral, autonomic and neural correlates” Social and Cognitive Neuroscience Lab – Sapienza University of Rome

#### Master students

Irene Trilla “The impact of reward learning on spontaneous mu-suppression faces” –University of Reading- (UK)

Bianca Monachesi “Thermographic pattern of emotion regulation in patients with psoriasis” Sapienza University of Rome – Faculty of Psychology

Francesco Luigi Paolillo “Thermographic reactivity of psoriasis lesions” Campus Biomedico University, Faculty of Medicine

Manuela Melosini “Situational and dispositional determinants of deceptive behaviour” Sapienza University of Rome– Faculty of Psychology

#### Trainers

Laura Perrillo ” Sapienza University of Rome– Faculty of Psychology

### **Language skills**

**Mother tongue:** Italian

**Other languages:** English: fluent.

One month English Course at “Oxford English Centre” in Oxford. Attested B2 english level. August, 2008.

English: Passed Grade 7 Spoken English for Speakers of Other Languages “Trinity College” of Rome.

Italian Sign Language: 3<sup>rd</sup> level

## IT skills

Windows Operative Systems

Ms Office

Statistica/SPSS

E-prime

Brain Vision Analyzer

Neuroscan

EEGLAB

Matlab

R

Data

30/10/2014

Firma

*Alena Jovana P...*