

Curriculum vitae et studiorum: Salvatore Maria Aglioti



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Education

1987: Specialty in Neurology, University of Verona, Magna cum Laude

1983: MD, University of Pisa, Magna cum Laude

1977: Diploma Liceo Scientifico, 60/60

Current positions

2022-to present, Coordinator of the Neuroscience and Humanities curriculum of the Theoretical and Applied Neuroscience National PhD (Dottorato Nazionale in Neuroscienze)

2019-to present, Istituto Italiano di Tecnologia, CLN²S@Sapienza, Rome, PI Neuroscience and Society, Research Line, <https://www.iit.it/research/lines/neuroscience-and-society>

2013- to present: coordinator of the research curriculum "CoSAN - Cognitive Social and Affective Neuroscience" (<http://www.cosanphd.com/>) at Sapienza University of Rome. CoSAN derived from the previous Ph.D. program in Cognitive Plasticity and Rehabilitation (2005-2012).

2001 to present: Full professor of Cognitive Neuroscience and Psychological Physiology, Sapienza University of Rome, Italy.

2000 to present Director of four fully equipped laboratories based at Sapienza University of Rome and at IRCCS, Santa Lucia Foundation, Rome. My research is performed using a variety of state-of-the-art techniques (for details see: <http://agliotilab.org/facilities>). My research topics regard several aspects of social neuroscience (for details see: <http://agliotilab.org/research-topics>).

Previous positions

2015 -2016: Director of the Psychology Doctoral School, Sapienza University of Rome, Italy.

2013 -2016: Coordinator of the International Ph.D. Program in "Psychology and Social Neuroscience" (<http://dippsi.psi.uniroma1.it/phd/psicologianeuroscienze-sociali>),

Nov 2013 - Nov 2014: President of the Steering Committee of the Doctoral programmes at Sapienza University of Rome, Italy.

April - July 2013: Visiting Professor, Institute de Sciences Cognitives, Université de Lyon, France.

2011 - 2014: Delegate of the Rector for representing Sapienza in the European Committee for Doctoral Education.

Nov 2009 - Nov 2012: Head of Department of Psychology, Sapienza University of Rome, Italy.

2006 - 2014: Member of the committee for the evaluation of Doctoral Programs at Sapienza University of Rome, Italy.

2005 - 2008: Director of the School of Specialization in Clinical Neuropsychology, at the Department of Psychology, Sapienza University of Rome, and IRCCS Santa Lucia Foundation, Rome, Italy.

1998 - 2000: Associate Professor, Sapienza University of Rome, Italy.

1990 - 1997: Assistant Professor, Department of Neurological and Vision Sciences, Human Physiology, Medical School, University of Verona, Italy.

Prizes/Awards/Academy memberships

2022 t present : Member of Scientific board of the Italian Society of Psychophysiology and Cognitive Neuroscience

2021-2024: Member of the international board for selection of applicants to the institute d'études avancées Paris, Fr

2019-2021: Senior research fellow at Scuola Superiore Alti Studi (SSAS), Sapienza University of Rome, Italy.

2019-2020: Resident at the Institut d'études avancées, Paris <https://www.paris-iea.fr/fr/liste-des-residents/salvatore-maria-aglioti>

2018: October-December. Erasmus Visiting Professor at Ecole Normale Supérieure, Paris

2018: European Research Council, Advanced grant. Title of the proposal: Embodied Honesty

<https://erc.europa.eu/news/erc-advanced-grants-2017-project-examples>

September 2017: *Ig Nobel Prize*, Section: Cognition, for the study: "Is that me or my twin? Lack of self-face recognition advantage in identical twins. PLoS One. 2015 Apr 8;10(4):e0120900. doi: 10.1371/journal.pone.0120900. Authors: Martini, Bufalari, Stazi, *Aglioti*.

2017: Senior research fellow at the Italian Institute for Advanced Studies in America, Columbia University, NY, USA

Feb 2017: Senior Fellowship at the Italian Academy for Advanced Studies in America at Columbia University

2016-2018: Senior research fellow at Scuola Superiore Alti Studi (SSAS), Sapienza University of Rome, Italy. 2013: MagSTIM, Senior investigator award, Oxford (UK)

March 2015: Failed the evaluation for the qualification as full professor of Social Psychology (SSD MPSI05/E3)

October 2014: Passed the evaluation for the qualification as full professor of Physiology (SSD 05/D1 - FISIOLOGIA)

May 2013: MagSTIM, Senior investigator award, Oxford

May - July 2013: Chair d'excellence award, Fondation NeuroDis, Lyon,

September 2012: Elected Member of the Accademia Europaea, Section Behavioural Sciences

October 2010: Menzione di Eccellenza Sapienza Ricerca, macroarea 5, for the research on empathy for pain

October 2009: Sapienza Eccellenza, macroarea 5, for the research on Action Anticipation in elite basketball players.

October 2009: Themosystems, PNI, First prize for the best entrepreneurial idea, Regione Lazio, Italy.

Teaching activities

2019-to present Forensic Neuropsychology (6CFU); Clinical and social neuroscience for Health (3CFU)

2015 - to present: Organizational Neuroscience (6 CFU), School of Medicine and Psychology, Sapienza University of Rome, Italy. Social Neuroscience (2 CFU) at the School of Specialization in Neuropsychology.

2013 – 2019 Social Neuroscience (9 CFU)

2014: Social Neuroscience course at ISUFI Scuola di Alti Studi, University of Salento, Lecce, Italy.

2013: Social Neuroscience course at the Ecole Normale Supérieure, Lyon, France

2006 - 2012: Neuropsychology of Language, Cognitive Neuroscience, Psychological Physiology, experimental research techniques, Sapienza University of Rome, Italy.

2001 - 2004: Rehabilitation of Language, School of Psychology, Sapienza University of Rome, Italy.

1998 - 2000: Psychobiology and psychological psychology, Sapienza University of Rome, Italy.

1998 - 1999: Psychobiology and psychological psychology, University of Milano Bicocca, Italy.

1994 - 1998: Psychobiology and psychological psychology, University of Padova, Italy.

Institutional responsibilities

2016- 2017: Representative for Biomedicine and Psychology at the Sapienza research commission
 2013 - 2014 President of Committee for the evaluation of Doctoral Programs at Sapienza University of Rome.
 2011- 2014 Delegate for Sapienza at the European Committee for Doctoral Education
 2010 Representative for international PhD programs at EUA Council for Doctoral Education
 2009 - 2012 Head of Department of Psychology, Sapienza University of Rome, Italy.
 2006 - 2014 Member of the Committee for the evaluation of Doctoral Programs at Sapienza University of Rome.

Research

My research interests focus on the psychological and neural processes underlying: i) moral decision making, lie and deception in social contexts; ii) normal and abnormal functioning of social interactions, empathy and personality; iii) interoceptive pathways to corporeal awareness in healthy and brain damaged patients; iv); voluntary action and bodily sensations in healthy humans and brain damaged and spinal cord injured patients; v) art and the brain.

My research is performed by means of several techniques, ranging from Non invasive brain stimulation (including transcranial electrical stimulation, transcranial magnetic stimulation, focal ultrasound stimulation) to somatosensory evoked potentials, laser evoked potentials, eye tracking recording, thermography and autonomic recording responses. I also use immersive virtual reality equipment to perform behavioural and neural studies. Thanks to collaborations with other research groups, magnetoencephalography and fMRI studies can also be performed.

Lab Organization: My research is presently conducted in collaboration with the following:

Associate professors: Matteo Candidi, Ilaria Bufalari,

Assistant professors : Maria Serena Panasiti, Gaetano Tieri, Giusi Porciello, Vanessa Era

CNR tenured researcher: Ilaria Minio-Paluello

Senior post-doctoral research fellows (Gabriele Fusco, Giorgia Ponsi, Martina Fusaro, Quentin Moreau, Michael Schepisi, Riccardo Villa, Sarah Boukarras, Alessandro Monti)

Ph.D. students (Marina Scattolin, Irene Parisi, Martina Fanghella, Azzurra Cristiano, Anna Perazzini, Matteo Lisi, Manuel Mello, Lennie Dupont, Chiara Verga, Luca Provenzano, Sofia Ciccarone).

Current International collaborations: Bhismadev Chakrabarti, University of Reading, UK; Micheal Inzlicht, University of Toronto, CA; Catherine Tallon-Baudry, Ecole Normale Supérieure, Paris

Past International collaborations: Patrick Haggard (UCL, UK), Simon Baron-Cohen (Autism Research Center, Cambridge, UK), Tania Singer (University of Zurich, CH), Angela Sirigu (CNRS Lyon, France); Beatrice De Gelder (Maastricht); Olaf Blanke, EPFL, Lousanne, CH; Mel Slater, University of Barcelona, Spain; Jordan Grafman, Northwestern University, Chicago, USA

National collaborations: Valentina Moro and Michele Scandola (University of Verona), Franco Fabbro (University of Udine), Giovanni Berlucchi (University of Verona), Alessio Avenanti (University of Bologna).

Funding (total career amount over 6 Million Euro)

On Going grants (as PI):

AGGIORNARE

2024-2026 ERC proof of concept , deepDive, 150K, PI

2023-2025 Bial Foundation xxx K, Co-PI

2019-2024 Brain Magnet Program, Istituto Italiano di Tecnologia, Genova 1.1M, PI

2018-2024 ERC advanced Grant, 2.5 M, eHonesty, PI

2021-2023 Bial Foundation 48.5 K, PI

2021-2023: Progetti Ricerca Regione Lazio 150K, PI

Past funding: I have held research extramural funding from Human Frontier Science Program, National Research Council, Canada; Consiglio Nazionale delle Ricerche, Italy; Medical Research Council, UK;

Ministero Italiano della Ricerca Scientifica, Fondo Investimenti Ricerca di Base, Sapienza University of Rome; Ministero della Sanità; FP7 European Commission Program, 2009-2012 (Tango, emotional interactions); FP7 European Commission Program, 2009-2014 (VERE, Virtual reality re-embodiment); Horizon 2020: Moto Project: 2016-2017; IIT Seed Grant 2010-2012 (PARMS, predictive action resonance and mental simulation); Fundacao Bial 2011-2013: The Spiritual Brain: neuropsychological and neurophysiologic investigations of Self-transcendence and Spirituality; 2010-2011: Sapienza University, Partisan brains; 2011: Crusoe Agenzia Spaziale Italiana; 2012: Templeton Foundation in collaboration with the Mind & Life Institute “Philosophical and historical accounts for the Neuroscientific investigation of human Spirituality”; 2009: Bial Foundation (as PI in 2010). I have also secured intramural funds (Sapienza University of Rome from 2002 onward) including the large-scale Sapienza excellence grant in 2010-2011 (title Partisan brains).

Professional societies

Society for Neuroscience (since 1985); Società Italiana di Neuropsicologia (since 1990); Associazione Italiana di Psicologia (since 2005), International Neuropsychological Symposium (elected 1998); Society for Social Neuroscience (since 2010), American Psychological Association (since 2012).

Short Summary outlining my main scientific contributions (supported by key publications, listed below)

In the past years I have coordinated Research Projects concerning the following topics:

1. Personality and neural foundations of ideological divide (Liuzza et al, Plos One; Cazzato et al, submitted) of group distinction (Avenanti et al, 2010), of social decision making (Panasiti et al, 2011; 2014; Mancini et al, 2011). This research line also implies investigation of the role of stereotype and prejudice in shaping not only behaviors but also neural circuits (see for example, Azevedo et al, 2012, 2013).
2. Neural Basis of the Empathic Processes of Other’s Pain: This line of research aims to assess the hypothesis that there might exist a specific processing system for understanding others’ pain. This research is carried out in neurotypical people (Bufalari et al, 2007) and in individuals with Asperger Syndrome (Minio-Paluello et al, Biological Psychiatry, 2009, Betti and Aglioti, 2015).
3. Behavioural and lesion studies of corporeal awareness: This line of research explores the neural basis of corporeal awareness in healthy subjects (Urgesi et al, Nature Neuroscience, 2007; Candidi et al, Social Neuroscience 2008) and in people with brain damage (Moro et al, Neuron, 2008). The same issues have been explored using immersive virtual reality (Tieri et al, 2015a; 2015b; Pavone et al, 2015).
4. Neural Correlates of Excellence in Sports: This line of Research assesses the relation between domain-specific observation and the capacity to attain high executive and strategic standards in the observed domain (Fourkas et al, Cerebral Cortex, 2007; Aglioti et al, Nature Neuroscience, 2008; Abreu et al, 2012).
5. Shared Attention and Social Communication: This line of research explores how specific behaviours (e.g. eye gaze, pointing) influence con-specifics. This research is carried out in subjects without pathology and in subjects with possible alteration of the empathic processes. Moreover, this paradigm is currently being used in my lab to explore the relationship between joint attention, personality, and political preferences (neuro-politics for short) (Crostella et al, Experimental Brain Research, 2009; Liuzza et al, 2011; 2013; Cazzato et al, 2015; Porciello et al, 2015).
6. Neural Basis of Imitative Processes in Neurotypicals and Brain Lesioned Participants: This line of research has the aim to assess the hypothesis that there might be a specific processing system for recognizing motor actions. This investigation is conducted with Neurotypicals using TMS (Urgesi et al, Nature Neuroscience, 2007; Candidi et al, Social Neuroscience, 2008) and in brain-lesioned participants using behavioural tasks and lesion mapping procedures (Pazzaglia et al, Journal of Neuroscience, 2008; Pazzaglia et al, Current Biology, 2008; Nelissen et al 2010; Canzano et al, 2015).
7. Visual and Multimodal Mental Images: The aim of this project is to study the neurocognitive systems involved in the generation of schematic and complex mental images. Also, we also aim to set up adequate instruments for the analysis of brain lesion-induced imaginative deficits; (Moro et al, Neurocase, 2008, Ionta et al, Experimental Brain research, 2007; Ionta et al, Behavioural Brain Research, 2010).

8. Bodily illusions and self-other distinction: The research line aims at exploring the ability of human beings to recognize one's own body in healthy subjects. Using a novel approach we demonstrated (Sforza et al, Social Neuroscience, in revision) that even the fundamental ability of self-face recognition may be challenged in healthy humans by using the simple psychophysics visuo-tactile procedures we used for non facial body parts (Bosbach et al, Journal of Cognitive Neuroscience, 2009). Bodily illusions in healthy subjects (Bufalari et al, 2014) and people with spinal cord injury (Tidoni et al, 2015; Scandola et al, 2015) and bodily delusions in brain damaged patients are also investigated. EEG, LEPs, SEPs and behavioural techniques are used for these studies.

Scholarly Indices of scientific performance. I have published over 300 articles in international peer-reviewed journals and several articles and book chapters in Italian and English. Two books in Italian. One forthcoming book in English

H-Index: Scopus=72; <https://www.scopus.com/authid/detail.uri?authorId=7007006465>

Google Scholar=87; 26980+ citations: <http://scholar.google.com/citations?user=Cx0IB64AAAAJ&hl=it>

Research com: <https://research.com/u/salvatore-maria-aglioti>

<https://www.adscientificindex.com/scientist/salvatore-maria-aglioti/1857697>

Research Gate http://www.researchgate.net/profile/Salvatore_Aglioti

I have often refrained from signing as first or last author in peer-reviewed articles in favor of younger team members

I serve(d) as ad-hoc reviewer for the following journals

Annals of Neurology, Annals of the NY Academy of Sciences, Behavioural and Brain research, Behavioural and Brain Sciences, Biological Psychiatry, Brain, Brain and cognition, Brain and Language, British Journal of Psychology, Cerebral Cortex, Cognition, Clinical Neurophysiology, Computers in Human Behaviour, Consciousness and Cognition, Cortex, Current Biology, elife, European Journal of Neuroscience, Experimental Brain Research, Frontiers in Human Neuroscience, Human Brain Mapping, iSCIENCE, Journal of Experimental Psychology: HPP; Journal of Neurology Neurosurgery and Psychiatry, Journal of Neurophysiology, Journal of Neurosciences, Nature Communications, Nature Neuroscience (top reviewer in 2014 and 2015), Nature Reviews Neuroscience, Neuroimage, Neuropsychologia, Neurocase, Neurology, Neuron, Neuroscience and Biobehavioural Reviews, Neuroscience Letters, Pain, Plos One, Physiological Reviews, Psychological Science, Royal Society Open Science, Science advances, Scientific Reports, Trends in Cognitive Sciences, Trends in neurosciences, Vision Research.

In addition, I act regularly as ad-hoc reviewer for several national and international funding agencies, including the Italian Ministry of University, the EPFL, the British Wellcome Trust Foundation, the Human Frontiers Science program, the ERC starting, consolidator, and advanced programs EU, FP7 and Horizon 2020; FNRS–Semaphore, Belgium; Agencie Nationale de la recherche, France; I-*Star Singapore, U.S.-Israel Binational Science Foundation.

Over the years 2011-2019 I have served as external reviewer for the ERC starting, consolidator and Advanced, and Synergy Grants.

I served as Panel Member for the ERC Starting Grants (ERC-2016-StG; ERC-2018-StG; ERC-2020-StG; ERC-2022-StG), SH4 (“The Human Mind and Its Complexity”) Bruxelles (Be).

I served as external panel member for the ERC-2019-StG

I served as ad-hoc reviewer for the following laboratories

2015: Einstein Center, Berlin (Germany)

2014: Labex Cortex, Lyon (France)

2013: Labex Cortex, Lyon (France)

2013 Decision Making laboratory, E Kochlin, Paris (France)

Member of Doctoral Committees outside Italy
 University of Oxford,
 University of Paris,
 University of Lyon,
 University of Maastricht

Selected Invited presentations to conferences and/or schools (between 2010-2020)

A complete list of the talks – more than 200 – can be provided upon request

Most of the talks (at least 15) during the Pandemic times have been given from remote

September 2019. INSTITUT D' ÉTUDES AVANCÉES PARIS. Seminaire des residents. Title of the talk: De profundis: aesthetics and the inner body

Feb-March 2019. Virtual and Robotic Embodiment – from neuroscience to virtual reality and robotics. Barcelona. Title of the talk. Electrocortical Signatures of Embodiment (and lack of it) over Virtual Agents.

April 2018 Columbia University Italian Academy Institute for Advanced Studies

Fellows Seminar Individual and contextual-social variables modulating aesthetic appreciation of visual stimuli

April 2017- Neuroscience school of Advanced Studies, Pontignano, Siena: Title of the talk: Political Leaders in the Eyes of their Electors: Gaze-Following and Voter-Leader Perceived Similarity;

December 2016, Lyon Centre de Neuroscience Cognitive, Lying with the brain and the body.

March 2016 Key note speech at year of cognition, University of Pennsylvania, Philadelphia, <https://www.ircs.upenn.edu/events/year-cognition-neurology-grand-rounds-salvatore-aglioti>

June 2015 Summer School “The Social Self”, Aegina (Greece). Title of the talk: Neurophysiological signatures of error monitoring and embodiment in immersive virtual reality

March 2015 Convention of Psychological Science (ICPS), Amsterdam (NL). Title of the talk: Subliminal perception of others' pain and pleasure: behavioral and fMRI studies. And title of the talk: Embodying the errors in the actions of an avatar seen from a first-person perspective immersive virtual reality and EEG studies

September 2014 Virtual reality meeting, London (UK). Title of the talk: Individual and group-based influences on kinematics and neural fingerprints of social (motor) inter-actions

March 2014 Symposium on the occasion of TEFAF, Maastricht University (NL). Title of the talk: The art and science of body representation

October 2013 Key-note opening lecture at the Psychophysiology meeting, Lecce (Italy). Title of the talk: The body in the brain

May 2013 TMS Meeting, Oxford (UK). Title of the talk: Cortico-spinal correlates of action perception in expert brains

September 2012 63° Congresso Annuale, Società Italiana di Fisiologia, Verona (Italy). Title of the talk: Action perception in expert brains

Aug-Sep 2012 Mirror Neurons: New frontiers 20 years after their discovery, Erice (TP) Italy. Title of the talk: Neural underpinnings of anticipatory action perception in expert brains

July 2011 Workshop on Multi-Sensory Space Perception, Sestri Levante (GE), Italy. Title of the talk: Seeing and hearing actions in brain damaged patients

April 2011 Chaos (Concepts, actions, and objects), Rovereto (TN), Italy. Title of the talk: Anticipatory action perception in expert brains

June 2011 Neuroaesthetics, Accademia dei Lincei, Roma (Italy). Title of the talk: The beauty and the body

June 2010 International Neuropsychological Symposium, Ischia (NA) Italy. Title of the talk: Varieties of empathy for pain

April 2010 Key-note Lecture, University of Barcelona (Spain). Title of the talk: Seeing and hearing others' actions

April 2010 Key-note Lecture, Universidad Catolica, Lisbona (Portugal). Title of the talk: Action anticipation in expert brains: The case of musicians

Dissemination activity. Being firmly convinced that scientists have to dedicate a small percentage of their time to properly getting across the message of their studies, I have long been involved in dissemination activity for broad audiences (science festival, theatre performances) both in Italy (Lessons on progress: Neuroscience and Politics- <http://www.telecomitalia.com/tit/it/ambiente-sociale/fondazione-telecom-italia/lezioni-sul-progresso/lezioni-sul-progresso-neuroscienze-politica-destra-sinistra-nasce-diventa.html>); 2015: Foligno Science Festival with two talks for high-school students and for citizens: Talk 1: Lying with the body and the brain; Talk 2: The mystic brain), and abroad (2015: Jazz Maastricht: Title Conformism and art; 2015: Vilnius Science Festival; Talk: The empathic brain).

Talks to the general public (selected among more than 150)

2022- November Festival della Scienza, Genova with two events: 1) The body in the metaverse; 2) Neuroleadership; **2022- October**, Festival del Metaverso, Torino; **2021-** CNRL, Lyon. Webinar Naturalistic Neuroscience. Title of the talk: Behavioural and physiological reactivity to the experience of wearing same- and opposite-sex virtual bodies and seeing them caressed in intimate areas. **2020-** 51° congresso Società Italiana di Neurologia, Roma. Title of the talk: Neuroscienze dell’empatia (per il dolore). **2020-** Università Cattolica di Milano, Milano. Title of the talk: Neurofobia: chi ha paura del cervello?. **2019-** Universitat de Barcelona, Barcellona. Title of the talk: Virtual and Robotic Embodiment – from neuroscience to virtual reality and robotics. **2019-** Institut d’ Études Avancées Paris, Parigi. Title of the talk: De profundis: aesthetics and the inner body. **2019-** IV° Corso di formazione SINP in Neuropsicologia Forense, Bertinoro. Title of the talk: Neuroscience of lie and deception. Lying with the brain and the body. **2019-** Alma Mater Studiorum, Università di Bologna, Campus di Cesena, Cesena. Title of the talk: Neuroscience of lie and deception. Lying with the brain and the body. **2018-** Columbia University Italian Academy Institute for Advanced Studies, NY. Title of the talk: Individual and contextual-social variables modulating aesthetic appreciation of visual stimuli. **2018-** Istituto Italiano di tecnologia, Roma. Title of the talk: Flesh made soul: Bodily Representations in the Brain of Healthy and Diseased People. **2018-** Campus Party, Milano. Title of the talk: Realtà virtuale immersiva in psicologia e neurologia. **2018-** Sapienza Università di Roma, Roma. Title of the talk: Neuroscience of lie and deception. Lying with the brain and the body. **2017-** Fondazione per lo studio e la ricerca sull’infanzia e sull’adolescenza, Roma. Title of the talk: From pain perception to empathy for pain. **2017-** Università del Salento, Lecce. Title of the talk: Neuroscience of lie and deception. Lying with the brain and the body. **2017-** Università del Salento, Lecce. Title of the talk: From pain perception to empathy for pain. **2017-** Università degli studi di Padova, Padova. Title of the talk: Flesh made soul: bodily representations in the brain of healthy and diseased people. Università degli studi di Perugia, Perugia. Title of the talk: Neuroscience of lie and deception. Lying with the brain and the body. Festival della Scienza Medica, Alma Mater Studiorum, Università di Bologna, Bologna. Title of the talk: Ritorno al passato. Neuroscience school of Advanced Studies, Pontignano, Siena: Title of the talk: Political Leaders in the Eyes of their Electors: Gaze-Following and Voter-Leader Perceived Similarity. **2016-** Key note speech at year of cognition, University of Pennsylvania, Philadelphia. Title of the talk: Flesh made soul: physiological and neural basis of corporeal awareness; **2015-** Summer School “The Social Self”, Aegina (Greece). Title of the talk: Neurophysiological signatures of error monitoring and embodiment in immersive virtual reality. **2014-** London, UK. Virtual reality meeting. Title of the talk: Individual and group-based influences on kinematics and neural fingerprints of social (motor) inter-actions. **2013-** Oxford, UK TMS Meeting. Title of the talk: Cortico- spinal correlates of action perception in expert brains (Award of the Prize Senior Investigator). **2012-** Erice, Italy.

Mirror Neurons: New frontiers 20 years after their discovery. Title of the talk: Neural underpinnings of anticipatory action perception in expert brains. **2011**- Rovereto, Italy. Caos (Concepts, actions, and objects). Title of the talk: Anticipatory action perception in expert brains. **2010**- International Neuropsychological Symposium, Ischia, Italy. Title of the talk: Varieties of empathy for pain. **2010**- University of Barcelona, Spain. Key-note Lecture. Title of the talk: Seeing and hearing others' actions. **2010**- Universidad Catolica, Lisbona, Portugal. Key-note Lecture. Title of the talk: Action anticipation in expert brains: The case of musicians

TV and radio programs as well as newspapers articles dedicated to my research activity can be seen at: <http://agliotilab.org/in-the-media/articles> and <http://agliotilab.org/in-the-media/interviews>

Additional Teaching and other educational activities

Neuropsychology of language and experimental research techniques at Faculty of Psychology University of Roma La Sapienza. I have written (in collaboration with Franco Fabbro) a textbook for the students: Neuropsicologia del Linguaggio, Il Mulino 2006.

Cognitive neuroplasticity at the School of specialization in Neuropsychology, and Neuropsychology at the School of specialization in Clinical Psychology.

During my career I have supervised about 100 undergraduate and 50 PhD students at Verona, Padova, and Rome Universities. I have been PhD committee member at national (e.g. Milan, Pisa, Bologna) and international (Oxford, UK; Tilburg, NL; Barcelona, Spain) Universities. I have launched and I currently co-ordinate an International PhD program in Cognitive, Social and Affective Neuroscience, entirely paid by Sapienza University of Rome. This is a high-standard program open to Italian and from all-over-the-world students and in partnership with important European Universities (<http://www.cosanphd.com/>).

I have organized workshops open to a large audience of students, professionals specialized in neurology and psychiatry and lay people within the framework of the Brain Awareness Week (BAW).

2013 BAW - Neuroscience in Society

2012 BAW - Neuroscience and Neurodiversity: the social brain and the social world through the eyes of scientists and of individuals with Autism Spectrum Conditions

2010 BAW - Il cervello sociale e le neuroscienze cognitive

2008 BAW - Neuro-politics

2007 BAW - The mystic brain

2006 BAW - The ladies of the brain: women in the neurosciences of the third millennium

2005 BAW - Il Cervello Sociale e le Neuroscienze Cognitive

2004 BAW - Neuroscienze e Psicologia: Occhi puntati sul cervello

In particular, the edition of March 2013 has been attended by more than 500 participants. This and other types of dissemination activities have attracted interest from national and international media <http://agliotilab.org/in-the-media/baw>

PUBLICATION LIST

PEER REVIEWED JOURNALS

SUBMITTED

1. Boukarras S, Ferri D, Borgogni L, **Aglioti SM** (2023) Asymmetric physiological contagion as a proxy to measure leader-to-follower spread of emotions. *Special Frontiers Behavioural Sciences*
2. Lisi Fusaro aglioti Visual perspective and body ownership modulate vicarious somatosensory processing: A systematic review Bocciato NBBR adesso Journal: *Psychonomic Bulletin & Review*
3. Monti A, Aglioti SM Enteroceptive activity: multiple influences on higher-order mental functions. *The neuroscientist*
4. Frisanco , Schepisi, Tieri, Aglioti (2023) Does embodying a divine avatar influence moral decisions? An immersive virtual reality study, Submitted April 2023
5. Grisoni L, Piperno G, Molinari M, Scivoletto G, and Aglioti SM (2023) The role of somatic deafferentation and motor deafferentation in predictive and perceptual audio-motor mapping. Submitted to *J of Neuroscience*, March 2023 bocciato giustamente. si rimanda a EJM
6. Gallagher S, Raffone A, Aglioti SM Pattern theory of compassion. Submitted to *TICS* march 2023
7. Nicolardi V, Tieri G, Lisi MP, Mello M, Fusaro M, Aglioti S.M. (2023) EEG responses to vicarious pain and pleasure. EEG-power decrease and reduced LPP amplitude to vicarious pleasure. SUBMITTED TO ...
8. Scandola, Moro, Beccherle, Aglioti, Moro (2023) empathy psychophysiology bocciato da cortex adesso in review a psychophysiol
9. Moro, Beccherle, Scandola, Aglioti (2023) Higher-order cognitive and emotional changes after massive body-brain disconnection: a PRISMA scoping review. Sottomesso a NBBR in Maggio, sembra sia in review
10. Mello M, Fusaro M, Aglioti SM, and Minio-Paluello I. (2023) The complexity of social touch experiences on the spectrum revealed by a self-report body-painting task”, **Submitted to *Autism in october 2022 risposto in Maggio!!!! Reinvitati I commenti in giugno.***
11. Porciello G, Monti A, Panasiti MS, **Aglioti SM**. Deep-body feelings: ingestible pills reveal gastric correlates of emotions. In 2022: PNAS rejected after review; Nat Com editorial rejection, CB editorial rejection; elife: comments from the editor. Jan 2023 we are working on them, Giusi’s Interview with English Journalist. End of march, major, request of new analyses
12. Fusco G, Scandola M, H Lin, M Inzlicht, **Aglioti SM** (2023) Modulating preferences

during intertemporal choices through exogenous midfrontal theta transcranial alternating current, *Cortex* registered report in press??

13. Piperno G, Panasiti MS, Villa R, **Aglioti SM** The impact of Shared Sense of Agency and moral dispositions on intergroup dishonesty . Helyion

2023

1. Fusco G, Scandola M, H Lin, M Inzlicht, Aglioti SM (2023) Modulating preferences during intertemporal choices through exogenous midfrontal theta transcranial alternating current, *Cortex*, In press
2. Moro V, Beccherle M, Scandola M, Aglioti SM (2023) Higher-order cognitive and emotional changes after massive body-brain disconnection: a PRISMA scoping review. *Neuroscience and Bio-Behavioural Reviews*. In press
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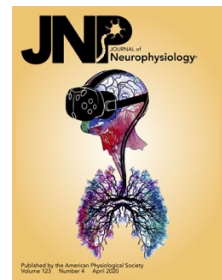
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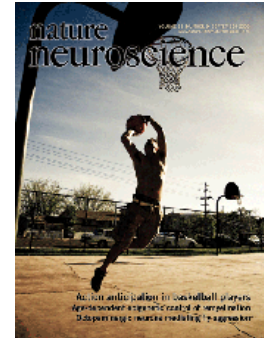
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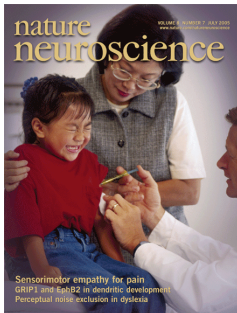
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Former Students (FS):**FS1) Now into academia as faculty members (alphabetical order)**

Alessio Avenanti, Full Professor, University of Bologna;

Iliaria Bufalari, Associate Professor, Sapienza University of Rome

Matteo Candidi, Associate Professor, Sapienza University of Rome

Marcello Costantini, Associate professor, University of Essex (UK)

Mirta Fiorio, Associate Professor, University of Verona;

Marco Tullio Liuzza, Associate Professor, University of Catanzaro and Research Associate at University of Stockholm

Valentina Moro, Associate professor, University of Verona;

Cosimo Urgesi, Associate professor, University of Udine & University of Bangor;

Ana Maria Abreu: Assistant Professor, University of Lisbon (Portugal);

Valentina Cazzato, Lecturer, University of Bradford (UK);
Chiara Guerrini, Lecturer, University of Hull (UK);
Matteo Martini, Lecturer, University of East London (UK);
Elia Valentini, Lecturer, University of Essex (UK);
Carmelo Mario Vicario, Full Professor, University of Messina (I);
Michele Scandola, Assistant professor, University of Verona (Italy)
Massimiliano Zampini, Full professor, University of Trento;

FS2) Other roles

Brittany Holmes, researcher at Neuroleadership Foundation, NY (USA);
Luigi Grisoni, Post-doctoral fellow, Freie University of Berlin (Germany);
Ruben Azevedo, Post-doctoral fellow University of London Royal Holloway (UK);
Patrizia Chiesa, Post-doctoral fellow Département de Neurologie Institut de la Mémoire et de la Maladie, d'Alzheimer, Institut du Cerveau et de la Moelle épinière (ICM), Pavillon François Lhermitte Hôpital Pitié, Salpêtrière Paris (Fr)
Arianna Curioni Post-Dcotoral fellow at Central European University, Budapest, Hungary
Katharina Koch, Post-doctoral fellow University of Tuebingen (Germany);
Lucia Sacheli, Post-doctoral fellow University of Milan Bicocca (Italy);
Biljana Gjoneska, Assistant Professor Macedonian Academy of Sciences and Arts (Macedonia)
Francesca Fiori, Post-doctoral fellow, University of Milano (Italy)
Giuseppe Spinelli, Post-doctoral fellow Psychology of Perception Lab, Avoc Paris Descartes
Emmanuele Tidoni, Assistant Professor, University of Hull, UK