

Curriculum Vitae



First name: **GIANLUCA**
Last name: **MALATESTA**

Ph.D. in Neuroscience and Imaging - Psychologist
Research Fellow at University "G. d'Annunzio" of Chieti and Pescara

Date of Birth: 25-11-1985
Work address: University "G. d'Annunzio" of Chieti and Pescara
"Blocco A", Dept. of Psychological, Health and Territorial Sciences
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Work experience

- Research Fellowship**
06-2021 → Research topic: *Behavioural Lateralization, Early Experience and Neurodevelopment*
University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Lecturer**
2022 Lectured of the course "Evolutionary Psychology" (8 hours) – Bachelor's degree in Psychological Sciences – University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Lecturer**
2020/2022 Lectured of the course "Perception, management and resilience" (8 hours) – Second-level Professional Master Programme in "Sciences and Technologies for Archaeological Heritage at risk"
Department of Humanities, Art and Social Science – University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Research Scholarship**
03-2020 / 02-2021 Research topic: *Analysis and development of online communication for research and teaching support*
University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Research Scholarship**
07-2018 / 10-2019 Research topic: *The left-cradling bias in the development of socio-communicative, affective and perceptual competencies* - University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Teaching support**
2014 / 2022 Subjects taught: Lab of Cognitive and Affective Neuroscience; Biological Psychology (1 and 2); Evolutionary Psychology; Social Psychology 2
School of Medicine and Health Sciences – University "G. d'Annunzio" of Chieti and Pescara, Italy
University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Visiting PhD**
04-2017 / 08-2017 *Investigation on left-cradling bias and social cognition in children with Autism Spectrum Disorders*
Centre for Brain and Cognitive Development (CBCD) – Dept. of Psychological Sciences - Birkbeck University of London (U.K.)
- Visiting PhD**
04-2016 *Retrospective investigation on lateral biases in Autism Spectrum Disorders*
IRCCS Stella Maris Foundation, Pisa (Italy)
- Research internship**
11-2014 / 10-2015 Lab of Social Psychology - University "G. d'Annunzio" of Chieti and Pescara (Italy)
- Clinical internship**
09-2010 / 12-2010 Intern Psychologist - Mental Health Unit of Termoli (CB; Italy)

References

Prof. **Luca Tommasi**, University "G. d'Annunzio" of Chieti and Pescara (Italy): luca.tommasi@unich.it
Dr. **Gillian S. Forrester**, Birkbeck University of London (U.K.): g.forrester@bbk.ac.uk
Prof. **Filippo Muratori**, IRCCS Stella Maris Foundation of Pisa (Italy): filippo.muratori@fsm.unipi.it
Dr. **Maria Luisa Scattoni**, ISS Research Coordination and Support Service: marialuisa.scattoni@iss.it

Education

- 30-03-2019 **Second-level Professional Master Programme in Clinical Neuroscience**^{EQF* Level: 8}
Neuropsychological assessment and cognitive rehabilitation
- 04-2018 **Ph.D. in Neuroscience and Imaging**^{EQF* Level: 8}

Department of Neuroscience, Imaging and Clinical Science - Coordinator: Gian Luca Romani
University "G. d'Annunzio" of Chieti and Pescara (Italy) - Title of thesis: *Acted and received cradling-side bias as index of socio-communicative and emotional development* - Supervisor: Luca Tommasi

06-2014	Master's Degree in Cognitive Psychology University "G. d'Annunzio" of Chieti and Pescara (Italy) - Final grade: 110/110 <i>cum laude</i>	EQF* Level: 7
02/2011	Bachelor's degree in Psychological Sciences University "G. d'Annunzio" of Chieti and Pescara (Italy)	EQF* Level: 6

* <https://europa.eu/europass/en/european-qualifications-framework-eqf>

Personal Skills and Competencies

Mother tongue Italian

Other languages
CEFR*

English

French

RECEPTION		PRODUCTION		WRITTEN PRODUCTION
Listening	Reading	Interaction	Spoken Production	
C1	C1	B2	C1	C1
B2	C1	B2	C1	C1

* <https://www.coe.int/en/web/common-european-framework-reference-languages>

Social skills and competences

Organisational skills
and competences

Technical skills
and competences

Other experiences and
competences

Main fields of research

Teamwork · Teaching undergraduate courses (faculty of Psychology) · Public speaking · Organizing conferences · Living abroad · Assist students in the fulfilment of thesis

Recruiting participants (or patients) for experiments · Administering paradigms and final debriefing of participants · Teaching · Research team management

Administration of neuropsychological tests · Autonomy in the use of transcranial electrical stimulation (tES: tDCS, tRNS, tACS) · Autonomy in the use of eye-tracker (GazePoint) · Implementation and analysis of behavioral paradigms · Microsoft Office package (Word, Excel, PowerPoint) · Statistics software (Statistica, SPSS) · Software for presentation of stimuli (E-Prime, Super Lab) · Graphical software (Photoshop) · 3D virtual space navigation software

Project writing · Writing of scientific articles · Experience in working with neurological patients · Interest in new fields of research

Experimental Psychology · Cognitive Neuroscience · Evolutionary Psychology · Functional Lateralization · Atypical Neurodevelopment · Clinical Neuroscience

Honors

27-03-2018

"Stella del Sud" 2018 Award (prize money of € 2,500) to the best researcher of Southern Italy for the most innovative and deserving study in the field of Autism Spectrum Disorders – Conferred by the Scientific Board of AIRA (Italian Association for Autism Research) and funded by Cooperativa Occupazione & Solidarietà – Place and date of the awarding: National Council of Research (CNR), Rome (Italy), 27/03/2018 – Title of the awarded study: *Maternal cradling bias during early infancy: A retrospective study on typical and atypical development*.

Reviewer Activity

International Journals

Symmetry [Member of the Review Editor Board]; *Brain Sciences*; *Applied Sciences* (MDPI)
Laterality: Asymmetries of Body, Brain and Cognition (Taylor and Francis)
Infant Behavior and Development; *Heliyon* (Elsevier)
Child Development; *PsyCh* (Wiley)
Scientific Reports; *Current Psychology* (Springer Nature)
Frontiers in Systems Neuroscience; *Frontiers in Psychology* (Frontiers Media SA)

Published papers

20. **Malatesta G.**, Manippa V., & Tommasi L. (2022). Crying the blues: The configural processing of infant face emotions and its association with postural biases. *Attention, Perception, & Psychophysics*. doi: 10.3758/s13414-022-02522-2
19. Di Cesare M., Tonacci A., Bondi D., Verratti V., Prete G., **Malatesta G.**, Pietrangeli T. (2022). Neurovegetative and emotional modulation induced by Mozart's music. *Neuropsychobiology* (accepted for publication)
18. Marzoli D., D'Anselmo A., **Malatesta G.**, Lucafò C., Prete G., & Tommasi L. (2022). The Intricate Web of Asymmetric Processing of Social Stimuli in Humans. *Symmetry*, 14:1096. doi.org/10.3390/sym14061096
17. Lucafò C., Marzoli D., Padulo C., Troiano S., Pelosi Zazzerini L., **Malatesta G.**, Amodeo I., & Tommasi L. (2021). Hemifield-Specific Rotational Biases during the Observation of Ambiguous Human Silhouettes. *Symmetry*, 13:1349. doi.org/10.3390/sym13081349
16. **Malatesta G.**, Marzoli D., Prete G., & Tommasi L. (2021). Human Lateralization, Maternal Effects and Neurodevelopmental Disorders. *Frontiers in Behavioral Neuroscience*, 15:668520. doi: 10.3389/fnbeh.2021.668520
15. Prete G., Lucafò C., **Malatesta G.**, & Tommasi L. (2021). The causal involvement of the right supramarginal gyrus in the subjective experience of time: A hf-tRNS study. *Behavioural Brain Research*, 404:113157. doi: 10.1016/j.bbr.2021.113157
14. Lucafò C., Marzoli D., Zdybek P., **Malatesta G.**, Smerilli F., Ferrara C., & Tommasi L. (2021). The Bias toward the Right Side of others Is Stronger for Hands Than for Feet. *Symmetry*, 13:146. doi: 10.3390/sym13010146

13. **Malatesta G.**, Marzoli D., Morelli L., Pivetti M., & Tommasi L. (2020). The role of ethnic prejudice in the modulation of cradling lateralization. *Journal of Nonverbal Behavior*, 45:187-205. doi: 10.1007/s10919-020-00346-y
12. Forrester G.S., Davis R., **Malatesta G.**, & Todd B.K. (2020). Evolutionary Motor Biases and Cognition in Children with and without Autism. *Scientific Reports*, 10:17385. doi: 10.1038/s41598-020-74224-4
11. Bondi D., Prete G., **Malatesta G.**, & Robazza C. (2020). Laterality in Children: Evidence for Task-Dependent Lateralization of Motor Functions. *International Journal of Environmental Research and Public Health*, 17:6705. doi: 10.3390/ijerph17186705
10. **Malatesta G.**, Marzoli D., & Tommasi L. (2020). Keep a left profile, baby! The left-cradling bias is associated with a preference for left-facing profiles of human babies. *Symmetry*, 12:911. doi: 10.3390/sym12060911
9. **Malatesta G.**, Marzoli D., Apicella F., Abiuso C., Muratori F., Forrester G.S., Vallortigara G., Scattoni M.L., & Tommasi L. (2020) Received cradling bias during the first year of life: A retrospective study on children with typical and atypical development. *Frontiers in Psychiatry*, 11:91. doi: 10.3389/fpsyt.2020.00091
8. **Malatesta G.**, Marzoli D., & Tommasi L. (2020). The association between received maternal cradling and neurodevelopment: Is left better?. *Medical Hypotheses*, 134. doi: 10.1016/j.mehy.2019.109442
7. **Malatesta G.**, Marzoli D., Piccioni C., & Tommasi L. (2019). The relationship between the left-cradling bias and attachment to parents and partner. *Evolutionary Psychology*, 17(2). doi: 10.1177/1474704919848117
6. Marzoli D., Pagliara A., Prete G., **Malatesta G.**, Lucafò C., Padulo C., Brancucci A., & Tommasi L. (2019). Lateralized embodiment of ambiguous human silhouettes: Data on sex differences. *Data in Brief*, 25. doi: 10.1016/j.dib.2019.104009
5. **Malatesta G.**, Marzoli D., Rapino M., & Tommasi L. (2019). The left-cradling bias and its relationship with empathy and depression. *Scientific Reports*, 9:6141. doi: 10.1038/s41598-019-42539-6
4. Forrester G.S., Davis R., Mareschal D., **Malatesta G.**, & Todd B.K. (2019). The Left Cradling Bias: An Evolutionary Facilitator of Social Cognition?. *Cortex*, 118:116-131. doi: 10.1016/j.cortex.2018.05.011
3. Prete G., **Malatesta G.**, & Tommasi L. (2017). Facial gender and hemispheric asymmetries: A hf-tRNS study. *Brain Stimulation*, 10(6):1145-1147. doi: 10.1016/j.brs.2017.08.002
2. Marzoli D., Pagliara A., Prete G., **Malatesta G.**, Lucafò C., Padulo C., Brancucci A., & Tommasi L. (2017). Hemispheric asymmetries in the processing of body sides: A study with ambiguous human silhouettes. *Neuroscience Letters*, 656:114-119. doi: 10.1016/j.neulet.2017.07.027
1. Marzoli D., Lucafò C., Rescigno C., Mussini E., Padulo C., Prete G., D'Anselmo A., **Malatesta G.**, & Tommasi L. (2017). Sex-specific effects of posture on the attribution of handedness to an imagined agent. *Experimental Brain Research*, 235(4):1163-1171. doi: 10.1007/s00221-017-4886-7

Main proceedings

- AIP (Italian Association of Psychology) - XXVII Experimental Section National Conference. Lecce, 9/8-10/2021. Malatesta G., Marzoli D., Prete G., Lucafò C., Ancona M., Coleman M., D'Agnillo M., Varady A., Tommasi L. Functional patterns of behavioural lateralization in socio-communicative and emotional abilities (*contributed talk*)
- INTERNATIONAL • Institute of Cognitive Neuroscience (Department of Biopsychology) - University of Bochum (Germany), 11/23/2020. *The cradle of laterality: Understanding the function of human cradling* (*invited seminar talk*)
- AIP (Italian Association of Psychology) - XXVI Experimental Section National Conference. Virtual Edition, 9/2-4/2020. Malatesta G., Marzoli D., Prete G., Faieta L., Cagnazzo G., Tommasi L. *The relationship between cradling-side and alexythimia* (*contributed talk*)
- AIP (Italian Association of Psychology) - XXV Experimental Section National Conference. Milano – San Raffaele (Italy), 7/18-20/2019. Malatesta G., Marzoli D., Morelli L., Pivetti M., Tommasi L. *The role of ethnic prejudice in the modulation of cradling lateralization* (*contributed talk*)
- INTERNATIONAL • First Joint Congress of the SEPEX, SEPNECA and AIP Experimental - UNED – Madrid (Spain), 7/3-6/2018. Malatesta G., Marzoli D., Apicella F., Abiuso C., Muratori F., Forrester G.S., Vallortigara G., Scattoni M.L., Tommasi L. *Received cradling bias during the first year of life: A retrospective study on typical and atypical development* (*poster*)
- INTERNATIONAL • 12th Alps-Adria Psychology Conference. Rijeka (Croatia), 10/1/2016. Malatesta G., Marzoli D., La Malva P., Lucafò C., Tommasi L. *Watch out: An approaching right-hander is coming!* (*poster*)
- INTERNATIONAL • EBBS-EBPS Joint meeting. Verona (Italy), 9/12-15/2015. Malatesta G., Mussini E., Masotta A., Marzoli D., Daini R., Tommasi L. *The effects of arm fatigue on perceived distance* (*poster*)

Chieti, 27th May 2022

Gianluca Malatesta

