



# GIORGIA MASON

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## Languages

- Italian (native)
- English (IELTS: 6,5)

## Skills

### Data Collection

- E-prime 2/3.0 (Behavioural data)
- NIC 2.0 for NIBS (tACS/tDCS)
- gTec Suite (EEG/ECG/EGG)

### Data Analysis

- Microsoft Office Excel
- Matlab (preprocessing and time/frequency analysis for EEG, ECG, EGG)
- Kubios (ECG)
- Jasp (Behavioral data)
- R-Studio

### Literature review

- Rayyan
- Zotero

## Education and Titles

- **19/05/2023** | Psychologist national qualification (Ordine degli Psicologi del Veneto: n. 14273)
- **10/2020 – 07/2022** | Master's degree in clinical psychology – University of Padua (Final Mark: 110/110 *cum laude*)  
Thesis: "Interacting with others: the role of temporal contingency and motor interpersonal synchrony in Autism Spectrum Disorder and in Typical Development" (Prof. Teresa Farroni)
- **10/2017 – 07/2020** | Bachelor's Degree in Cognitive Psychology and Psychobiology – University of Padua (Final Mark: 105/110)  
Thesis: "Working memory and sustained attention in primary school: a screening conducted in children aged 8 to 10" (Prof. Irene Cristina Mammarella)
- **09/2018 – 06/2019** | Erasmus+ for study - Aberystwyth University (Wales, UK)

## Extracurricular Academic Training

- **25-26/01/2024** | Free Hybrid Workshop on fNIRS Data Analysis with Satori (Department of Dynamic and Clinical Psychology, Sapienza University – Rome)
- **6/05-11/05/2024** | Gerace Spring School 2024: «Honesty in the body, the brain and the mind»
- **05/2024 – ongoing** | Introduction to statistics – Stanford University (online course on Coursera)

## Academic Training and Work

- **11/2024 – ongoing** | PhD in Cognitive and Social Neuroscience (supervisor: Vanessa Era)
- **10/2023 – 10/2024** | Research Assistant - IRCCS Fondazione Santa Lucia (Rome) : Research study on the neurophysiological correlates of interpersonal motor interactions during Joint Actions in Parkinson's Disease patients: participants recruitment, data collection (64ch EEG, 4ch EGG, ECG, kinematics, tACS), data analysis (EEG, EGG, ECG) (P.I. Dr. Vanessa Era)
- **10/2022 – 03/2023** | Post-Lauream Traineeship at the Department of Developmental Neuropsychiatry - IRCCS Burlo Garofolo (Trieste): Neuropsychological testing (MT battery for learning disorders, TROG, NEPSY-II, BVN battery, Vineland-II), diagnostic report for Specific Learning Disorder, cognitive evaluations (WISC-IV, Raven Matrix) (Tutor Dr. Isabella Lonciari)
- **1/03/2021 – 30/03/2022** | Pre-Lauream Traineeship – Chelis (Venice): Individual and group activities and cognitive behavioural therapy with children aged 3 to 18 in the Autistic Spectrum (Tutor Dr. Chiara Tosatto)
- **10/2019 – 11/2019** | Undergraduate Traineeship - University of Padua: Data collection and neuropsychological testing for an experimental screening in the northern Italy schools (Tutor - Irene Cristina Mammarella)

## Publications

- Carnevali, L., Valori, I., **Mason, G.**, Altoè, G., & Farroni, T. (2024). Interpersonal motor synchrony in autism: a systematic review and meta-analysis. *Frontiers in Psychiatry*, 15, 1355068. <https://doi.org/10.3389/fpsy.2024.1355068>
- Villa Sanchez, B., Marotta, A., Pesci, U.G., **Mason, G.**, Fusco, G., Era, V., Mattavelli, G. Probing performance monitoring impairments in

### Non-Academic Work Experience

- 04/2023- 09/2023 | Psychologist - Chelis (Scorzè - VE): Cognitive and behavioural therapy with children in the Autistic Spectrum
- 1/05/2023 – 30/06/2023| Special Educational Needs Teacher - San Giuseppe School (Noale - VE): teaching assistance in a class with special educational needs kids aged 3 to 6 (ADHD, OPD, ASD)
- June - September 2020,2021, 2022,2023 | Child educator - La Ruota Gym (Padua): leading physical, creative and educational group activities with children aged 3 to 12

### Other experiences

- Volunteer at Ostia Clean UP: environmental education in schools and monthly beaches clean-up.
- Volunteer as “Young Cicero” at FAI (Fondo Ambiente Italiano): tourist guide.
- Internship at ANFAS ARTE': helping in the daily centre for people with cognitive impairment and physical disability working with art therapy.
- Competitive swimming from the age of 7 to the age of 20.

Parkinson's Disease: a systematic review of behavioral and neurophysiological correlates. (In prep – review registered on Prospero)

- Boukarras, S., Bortolini, T., Rossano, F., **Mason, G.**, Aglioti, S.M. Systematic review to quantify the relationship between physiological synchrony and reciprocal attention in social interactions. (In prep)

### Posters and Presentations

- **Mason, G.\***, Pesci, U.G., Moreau, Q., Pezzetta, R., Fusco, G., Boukarras, S., Cucuzza, G., Peppe, A., Candidi, M., Aglioti, S.M., Era, V. “The role of the dopaminergic system in interpersonal performance monitoring in Parkinson’s Disease patients” – poster presented at the 2024 Behavioural Neuroscience Conference – 1<sup>st</sup> meeting (19<sup>th</sup>-21<sup>st</sup> June 2024, Rome, Italy).
- **Mason, G.\***, Pesci, U.G., Moreau, Q., Pezzetta, R., Fusco, G., Boukarras, S., Cucuzza, G., Peppe, A., Candidi, M., Aglioti, S.M., Era, V., “Dopaminergic modulation of interpersonal performance monitoring in patients with Parkinson’s Disease” - poster presented at the 2024 Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF) XXXII annual meeting (4<sup>th</sup>-6<sup>th</sup> September 2024, Cesena, Italy).
- Pesci U.G.\*, Spagnuolo V., **Mason G.**, Noppeney U., Candidi M. The influence of social interactions on visuotactile causal and perceptual inference - poster presented at the 2024 Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF) XXXII annual meeting (4<sup>th</sup>-6<sup>th</sup> September 2024, Cesena, Italy).