FILIPPO GAMBAROTA

PhD Student - University of Padova

I'm a Psychologist and PhD student in Psychological Sciences at the University of Padova, supervised by Prof. Paola Sessa. My research interests are unconscious processing and the relationship between working memory and consciousness. I am also interested in methodology and statistics, in particular meta-analysis. Outside academia, I am a speaker coordinator for TEDx Padova and I am constantly learning how to code in different languages.

🎓 EDUCATION

2019 | ongoing

PhD in Experimental Psychology
University of Padova, Italy

Project: The relationship between visual working memory and consciousness. Supervisor: Professor Paola Sessa, Co-supervisor: Professor Massimiliano Pastore

2021

Visiting PhD student (6 months)
University of Tel-Aviv, Israel

Research project about the relationship between Working Memory and Consciousness Supervisor: Professor Roy Luria

2020

Licensed Psychologist (Esame di Stato)
University of Padova, Italy

2018 | 2019

Internship (1 year)
Department of Developmental Psychology and Socialization - University of Padova

Research project about visual consciousness and sensorimotor simulation Research project about social cognition during pregnancy Supervision of internship students in EEG laboratory
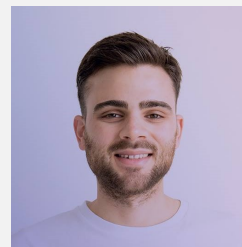
2018

M.S. in Clinical Developmental Psychology - 110 cum laude
University of Padova, Italy

Thesis: Visual Working Memory representations of infant faces during pregnancy as an adaptive mechanism. An EEG study. Supervisor: Professor Paola Sessa

2018

Internship (400 hrs.)
Department of Developmental Psychology and Socialization - University of Padova

Research project about social cognition during pregnancy with EEG data collection

CONTACT INFO

✉ filippo.gambarota@gmail.com
✉ filippo.gambarota@phd.unipd.it
🌐 filippogambarota.xyz

SKILLS

Coding: R, MATLAB, Python, GIT, Bash
Markup: Latex, Markdown, HTML, CSS
Experiments: E-Prime, Psychtoolbox, Presentation, Psychopy
EEG Analysis: Brain Vision Analyzer, eeglab/erplab
Operating System: Linux, Windows

LANGUAGE SKILLS

Italian: native language

English: proficient

Filippo Gambarota

2016

B.S. in Psychology - 110 cum laude
University of Padova, Italy

Thesis: Psychosocial well-being of adolescents with oncoemathological disease. Supervisor: Professor Ughetta Moscardino

2016

Internship (250 hrs.)
Hospital of Padova - Pediatrics Oncology

Educational activities with in-patients children and their families Research about the psychosocial well-being of in-patients adolescents Discussing about clinical cases in regular supervisions

TEACHING

2022
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ongoing

Psychological Testing (14 hrs.)
University of Padova

Lectures about R programming and data analysis in Psychology as part of the main course "Psychological Testing" by Professor Gianmarco Altoè

2022

Data analysis in Psychology (20 hrs.)
University of Padova

Lectures about R programming and data analysis in Psychology as part of the main course by Professor Massimiliano Pastore

2021

Introduction to R programming (20 hrs.)
University of Padova

I held an intensive course about programming in R. The course is part of the ARCA courses from the University of Padova - Materials

2020
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ongoing

Neural Correlates of Consciousness (2 hrs.)
University of Padova

I have guest lectured a yearly two hours lesson during the "Mechanism of Consciousness" course by Professor Roberto Dell'Acqua - Materials

2021

Introduction to Visual Consciousness (2 hrs.)
University of Padova

I have guest lectured a two hours lesson during the "General Psychology" course by Professor Roberto Dell'Acqua - Materials

2021

Visual Working Memory in Social Cognition (2 hrs.)
University of Padova

I have guest lectured a two hours lesson during the "General Psychology" course by Professor Paola Sessa - Materials

2017
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2019

EEG laboratory training
University of Padova

I supervised and coordinated the EEG training of master students for Professor Paola Sessa research projects

2020 | ongoing

Co-supervisor of Bachelor and Master dissertations
University of Padova

TRAINING

2020

Bayesian Regression Modeling with BRMS (5 days)
Potsdam University

Summer School in Bayesian Statistics for Cognitive Psychology

2019

Bayesian Statistical Analyses for the Human, Social and Cognitive Sciences (5 days)
University of Verona

2021

Meta-Analysis with Metafor (3 days)
Maastricht University

Intensive course about meta-analysis with the `metafor` package held by Professor Wolfgang Viechtbauer

PAPERS

2022

Unconscious Visual Working Memory: A critical review and Bayesian meta-analysis
Neurosci. Biobehav. Rev. DOI: 10.1016/j.neubiorev.2022.104618

Gambarota, Tsuchiya, Pastore, Di Polito, Sessa

2022

Does your past define you? The role of previous visual experience in subjective reactions to new affective pictures and sounds
Emotion DOI: 10.1037/emo0001168

Del Popolo Cristaldi, **Gambarota**, Oosterwijk

2022

Mapping the perception-space of facial expressions in the era of face masks
Front. Psychol. DOI: 10.3389/fpsyg.2022.956832

Verroca, de Rienzo, **Gambarota**, Sessa

2021

Blocking facial mimicry during binocular rivalry modulates visual awareness of faces with a neutral expression
Sci. Rep. DOI: 10.1038/s41598-021-89355-5

Quettier, **Gambarota**, Tsuchiya, Sessa

2019

Visual Working Memory for Faces and Facial Expressions as a Useful 'Tool' for Understanding Social and Affective Cognition
Front. Psychol. DOI: 10.3389/fpsyg.2019.02392

Gambarota, Sessa

2016 Il benessere psicosociale degli adolescenti con malattia onco-ematologica
Studi Zancan
Gambarota, Capello, Barbero Vignola

🔖 PREPRINTS

2021 **The role of implicit learning and cue ambiguity on the subjective experience of affective predictions: a follow-up behavioral investigation**
PsyArXiv DOI: 10.31234/osf.io/y7bxn
Del Popolo Cristaldi, Buodo, **Gambarota**, Oosterwijk, Mento

2020 **Deficits of visual working memory representations of emotional facial expressions in patients with congenital facial palsy**
PsyArXiv DOI: 10.31234/osf.io/nxe8z
Gambarota, Luria, Pastore, De Stefani, Ferrari, Sessa

📄 CONFERENCES

2022 **Conscious and unconscious information processing in visual working memory**
Italian Psychological Association (AIP) [*Talk*] - Materials 📍 Padova, Italy
Gambarota [presenter], Luria and Sessa

2022 **Cross-modality effects in affective prediction construction: the role of past visual experience in subjective reactions to new affective pictures and sounds**
Annual Conference of the European Society for Cognitive and Affective Neuroscience (ESCAN) [*Poster*] 📍 Virtual
del Popolo Cristaldi, **Gambarota** and Oosterwijk

2022 **The role of past visual experience in subjective reactions to new affective pictures and sounds**
Annual Conference of the Society for Affective Science (SAS) [*Talk*] 📍 Virtual
del Popolo Cristaldi, **Gambarota** and Oosterwijk

2022 **The role of past experience in subjective ratings to affective predictions: cross-modality effects**
Cognitive Science Arena (CSA) [*Talk*] 📍 Bressanone, Italy
del Popolo Cristaldi, **Gambarota** and Oosterwijk

2021 **Meta-analysis in Consciousness Research**
Conscious Brain Concepts Workshop - University of Oslo [*Talk*] 📍 Virtual
Gambarota [presenter], Tsuchiya, Pastore, Di Polito and Sessa

2021 ● **trackdown - Collaborative writing through literate programming in R**
Towards Advanced Scientific Knowledge (TASK4) [*Talk*] - Materials 📍 Virtual
Gambarota [presenter], Zandonella Callegher, Linkersdörfer, Ling and Kothe

2021 ● **trackdown - An R package for collaborative writing and editing**
Society for the Improvement of Psychological Science (SIPS) [*Poster*] - Video, Materials 📍 Virtual
Gambarota [presenter], Zandonella Callegher, Linkersdörfer, Ling and Kothe

2021 ● **trackdown - A simple framework for collaboration in a literate programming workflow**
useR [*Poster*] - Video, Materials 📍 Virtual
Gambarota [presenter], Zandonella Callegher, Linkersdörfer, Ling and Kothe

2021 ● **The role of previous probabilistic learning on the subjective affective experience**
Italian Psychological Association (AIP) [*Talk*] 📍 Lecce, Italy
del Popolo Cristaldi, **Gambarota** and Oosterwijk

2020 ● **Visual Working Memory Precision for Emotional Faces in Moebius Patients**
Cognitive Science Arena [*Poster*] 📍 Bressanone, Italy
Gambarota [presenter], Pastore, Luria, Ferrari and Sessa

2019 ● **Look at others' smile: Sensorimotor modulation of visual awareness**
Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF) [*Poster*] 📍 Ferrara, Italy
Quettier, **Gambarota** and Sessa

📄 OTHER ACADEMIC EXPERIENCES

2022 ● **Italian Association of Psychology (AIP)**
University of Padova
I was part of the organizing committee of the XXX edition of the Italian Association of Psychology (AIP) conference

2021 ● **MRInference Winter School**
University of Padova
I was part of the organizing committee of the "MRInference: from data to knowledge" winter school organized by the University of Padova

VOLUNTEERING

2018
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Present

Speaker Coordinator
TEDx Padova

📍 Padova, Italy

• Organizing the TEDx event
• Following and supporting the speakers for the talk preparation