

MATTIA DORO

Post-doctoral fellow - [University of Padova](#)

I'm a Cognitive Neuroscientist at the University of Padova. My research interests are related to visual attention and visual short-term memory.



EDUCATION

2022
|
ongoing

Post-doctoral Research Fellow

University of Padova, Italy

Supervisor: Prof. Roberto Dell'Acqua

2019
|
ongoing

"Cultore della materia"

University of Padova, Italy

Subject expert and teaching assistant in Mechanisms of consciousness and error monitoring" (Prof. Roberto Dell'Acqua).

2020
|
2021

Post-doctoral Research Fellow

University of Padova, Italy

Supervisor: Prof. Roberto Dell'Acqua

2018
|
2019

Post-doctoral Research Fellow

University of Padova, Italy

Supervisor: Prof. Roberto Dell'Acqua

2017

PhD in Experimental Psychology

University of Padova, Italy

Supervisor: Prof. Roberto Dell'Acqua

2016

Visiting graduate student (1 year)

Université de Montréal

Supervisor: Prof. Pierre Jolicoeur

2013

MSc in Neuroscience - 107/110

University of Padova, Italy

Supervisor: Prof. Roberto Dell'Acqua



CONTACT INFO

✉ mattia.doro@gmail.com

✉ mattia.doro@unipd.it



SKILLS

Coding: R, MATLAB, VB, Python, GIT

Markup: Markdown, HTML, CSS

Experiments: E-Prime, PsychoPy

EEG Analysis: Brain Vision Analyzer, EEGLAB/ERPLAB, FieldTrip

Operating System: Linux, Windows

LANGUAGE SKILLS

Italian: native language

English: fluent

Resume made with [pagedown](#)

Updated on 2023-02-07

2011 ● **BSc in Psychology - 101/110**
University of Padova, Italy
Supervisor: Prof. Massimo Grassi

TEACHING

2022 ● **Classes on error monitoring (12 hrs.)**
University of Padova
Mechanisms of Consciousness and Error Monitoring course (Prof. Dell'Acqua) of the master's course "Cognitive Neuroscience and Clinical Neuropsychology"

2021 ● **EEGLAB: basic analysis on electroencephalographic signal (20 hrs.)**
University of Padova

2021 ● **Classes on error monitoring (10 hrs.)**
University of Padova
Mechanisms of Consciousness and Error Monitoring course (Prof. Dell'Acqua) of the master's course "Cognitive Neuroscience and Clinical Neuropsychology"

2020 ● **Classes on error monitoring (10 hrs.)**
University of Padova
Mechanisms of Consciousness and Error Monitoring course (Prof. Dell'Acqua) of the master's course "Cognitive Neuroscience and Clinical Neuropsychology"

2017 ● **Class on EEG and cognitive mechanism (2 hrs.)**
University of Padova
Electrophysiology of Cognition, Intersubjectivity and Neural Resonance course (Prof. Sessa)

2015 ● **Class on EEG for investigating visual attention (2 hrs.)**
University of Padova
Electrophysiology of Cognition, Intersubjectivity and Neural Resonance course (Prof. Sessa)

2014 ● **Practical training in EEG data collection (6 hrs.)**
University of Padova
Human Cognition course (Prof. Bisiacchi and Prof. Dell'Acqua)

2013
|
present ● **Practical training in EEG data collection and analysis: 31 students**
University of Padova

2014
|
present ● **Thesis co-supervisor: 24 students**
University of Padova



TRAINING

- 2013 ● **Post-graduation Internship (1 year)**
University of Padova, Italy
Supervisor: Prof. Roberto Dell'Acqua
- 2011
|
2013 ● **Internship (2 years)**
University of Padova, Italy
Supervisor: Prof. Roberto Dell'Acqua



PAPERS

- 2022 ● **On target selection as reflected by posterior ERP components in feature-guided visual search**
Psychophysiology DOI: [doi:10.1111/psyp.14131](https://doi.org/10.1111/psyp.14131)
Dell'Acqua¹, Doro¹, Brigadoi, Drisdelle, Simal, Baro, Jolicœur (¹: shared authorship)
- 2022 ● **Shared attention amplifies the neural processing of emotional faces**
Journal of Cognitive Neuroscience DOI: https://doi.org/10.1162/jocn_a_01841
Schiano Lomoriello, Sessa, Doro, Konvalinka
- 2021 ● **A neural network predicting the amplitude of the N2pc in individual EEG datasets**
Journal of Neural Engineering DOI: [10.1088/1741-2552/ac2849](https://doi.org/10.1088/1741-2552/ac2849)
Marturano, Brigadoi, Doro, Dell'Acqua, Sparacino
- 2020 ● **Computer data simulator to assess the accuracy of estimates of visual N2/N2pc event-related potential components**
Journal of Neural Engineering DOI: [doi:10.1088/1741-2552/ab85d4](https://doi.org/10.1088/1741-2552/ab85d4)
Marturano, Brigadoi, Doro, Dell'Acqua, Sparacino
- 2020 ● **A bilateral N2pc (N2pcb) component is elicited by search targets displayed on the vertical midline**
Psychophysiology DOI: [doi:10.1111/psyp.13512](https://doi.org/10.1111/psyp.13512)
Doro, Bellini, Brigadoi, Eimer, Dell'Acqua
- 2019 ● **Emotion-related impulsivity moderates the cognitive interference effect of smartphone availability on working memory**
Scientific reports DOI: <https://doi.org/10.1038/s41598-019-54911-7>
Canale, Vieno, Doro, Rosa Mineo, Marino, Billieux

- 2018 ● **N2pc reflects two modes for coding the number of visual targets**
Psychophysiology DOI: <https://doi.org/10.1111/psyp.13219>
Benavides-Varela, Basso Moro, Brigadoi, Meconi, **Doro**, Simion, Sessa, Cutini, Dell'Acqua
- 2018 ● **Attentional guidance from multiple working memory representations: Evidence from eye movements**
Scientific Reports DOI: [doi:10.1038/s41598-018-32144-4](https://doi.org/10.1038/s41598-018-32144-4)
Zhang, Liu, **Doro**, Galfano
- 2018 ● **Neural measures of the role of affective prosody in empathy for pain**
Scientific Reports DOI: [doi:doi:10.1038/s41598-017-18552-y](https://doi.org/10.1038/s41598-017-18552-y)
Meconi, **Doro**, Schiano Lomoriello, Mastrella, Sessa
- 2017 ● **Backward masking interrupts spatial attention, slows downstream processing, and limits conscious perception**
Consciousness and Cognition DOI: <http://dx.doi.org/10.1016/j.concog.2017.04.005>
Losier, Lefebvre, **Doro**, Dell'Acqua, Jolicœur
- 2016 ● **Enhanced frontal activation underlies sparing from the attentional blink: Evidence from human electrophysiology**
Psychophysiology DOI: <https://doi.org/10.1111/psyp.12618>
Dell'Acqua, **Doro**, Dux, Losier, Jolicœur
- 2015 ● **The attentional blink impairs detection and delays encoding of visual information: Evidence from human electrophysiology**
Journal of Cognitive Neuroscience DOI: https://doi.org/10.1162/jocn_a_00752
Dell'Acqua, Dux, Wyble, **Doro**, Sessa, Meconi, Jolicœur



CONFERENCES



REVIEWER ACTIVITY



OTHER ACADEMIC EXPERIENCES

- 2019 ● **Brain Awareness Week - University of Padova**
Padova, Italy
Talk – scientific dissemination
- 2017 ● **Veneto Night - Notte dei Ricercatori (University of Padova)**
Padova, Italy
Scientific dissemination

2015



Veneto Night - Notte dei Ricercatori (University of Padova)

Padova, Italy

Scientific dissemination