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

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

2014
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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
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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

Dell'Acqua, **Doro**, Brigadoi, Drisdelle, Simal, Baro, Jolicœur

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

🔖 PREPRINTS

N/A

N/A

📄 CONFERENCES

2022
Posterior ERP Components as a Marker of Target Selection in Feature Guided Visual Search
Associazione Italiana di Psicologia [*Talk*]   📍 Padua, Italy

Doro, Brigadoi, Mamone, Jolicoeur and Dell'Acqua

2021
Occipital Late Positivity in Visual Search Marks Target Access to Consciousness
Psychonomic Society [*Talk*]   📍 Virtual

Doro, Dell'Acqua, Brigadoi, Drisdelle and Jolicoeur

2021
Baselines in computing ERP components for midline and lateral visual attention
Organization for Human Brain Mapping [*Poster*]   📍 Virtual

Doro, Dell'Acqua, Brigadoi, Drisdelle and Jolicoeur

2020 A Time-Frequency Analysis for the Online Detection of the N2pc Event-Related Potential (ERP) Component in Individual EEG Datasets
IEEE Emgomeeromg om ;edocom & Biology Society [*Conference paper*] 📍 Montral, Canada
Marturano, Brigadoi, Doro, Dell'Acqua and Sparacino

2019 Shared attention amplifies the processing of emotional faces
Joint Action Meeting [*Talk*] 📍 Genova, Italy
Schiano Lomoriello, Doro, Sessa and Konvalinka

2019 Development and Test of an ERP Simulator Emulating Visual N2 Variability in Amplitude and Latency.
Organization for Human Brain Mapping [*Talk*] 📍 Rome, Italy
Marturano, Brigadoi, Doro, Dell'Acqua and Sparacino

2019 Unexpected impact of upper hemifield on visual attention indexes: a new good practice for N2pc users
Organization for Human Brain Mapping [*Poster*] 📍 Rome, Italy
Monnier, Dell'Acqua, Doro and Jolicoeur

2019 Development of a Computer Simulator of the Visual N2 Event-Related Potential Component for the Study of Cognitive Processes.
MEDICON [*Conference paper*] 📍 Coimbra, Portugal
Marturano, Brigadoi, Doro, Dell'Acqua and Sparacino

2018 Intra and inter-hemispheric phase synchronization during visuo-spatial attention deployment and retention in visual work memory.
Society for Psychophysiological Research [*Conference paper*] 📍 Quebec City, Canada
Monnier, Lina, Dell'Acqua, Doro, Wu and Jolicoeur

2016 Comparing brain activity related to attention for lateral versus central targets presented among distractors
Psychonomic Society [*Poster*] 📍 Boston, USA
Doro, Jolicoeur and Dell'Acqua

2016 A multi-modal fNIRS/EEG investigation of the fronto-parietal network during audio-visual matching
Society for Functional Near-Infrared Spectroscopy [*Talk*] 📍 Paris, France
Brigadoi, Basso Moro, Meconi, Benavides-Varela, Tampu, Doro, Sessa, Simion, Cutini and Dell'Acqua

2016 Encoding, attention, and masking in the attentional blink
Society for Psychophysiological Research [*Poster*] 📍 Seattle, USA
Losier, Lefebvre, Doro, Dell'Acqua and Jolicoeur

2016 • **Comparing brain activity related to attention for lateral versus central targets presented among distractors.**
Society for Psychophysiological Research [*Conference paper*] 📍 Minneapolis, USA
Doro, Jolicoeur and Dell'Acqua

2016 • **The role of color in short-term memory maintenance.**
Behavior and Cognitive Science [*Conference paper*] 📍 Ottawa, Canada
Losier, Lefebvre, Doro, Dell'Acqua and Jolicoeur

2014 • **Working memory encoding in the attentional blink and its role in early attentional processing: Evidence from human electrophysiology**
Canadian Society for Brain, Behavior and Cognitive Science [*Conference paper*] 📍 Toronto, Canada
Losier, Lefebvre, Doro, Dell'Acqua and Jolicoeur

2013 • **Visual saliency pushes around the locus of attentional selection: Evidence from occipito-parietal ERP asymmetries**
Society for Psychophysiological Research [*Conference paper*] 📍 Firenze, Italy
Dell'Acqua, Doro, Sessa, Meconi, Fortier-Gauthier and Jolicoeur

📄 OTHER ACADEMIC EXPERIENCES

c • **a (duration)**
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