

# Fiorella Del Popolo Cristaldi

Department of General Psychology  
Via Venezia 8, 35121, Padova, Italy

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## Research Experience

*Department of General Psychology*  
**University of Padova**

Padova, Italy  
Jun 2023 - to date

Junior Post-Doc Researcher

Project title: *ITsTIME: ImpliciT and explicit TIMing: bEhavioural and neural changes across adulthood* (Role: Co-investigator; PI: Prof. Giovanna Mioni)

Cognitive evaluation and experimental data collection of implicit and explicit time perception and interoception processes in adult subjects with behavioral tasks, EEG and EKG measures, statistical analysis of experimental data, preparation of scientific reports for publication in peer-review international journals

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*Department of General Psychology*  
**University of Padova**

Padova, Italy  
Jun 2022 - May 2023

Junior Post-Doc Researcher

Project title: *BEFORE\_IT\_BEGINS: A new approach for the early detection of prodromal cognitive decline* (Role: Co-investigator; PI: Prof. Mario Bonato)

Cognitive evaluation and experimental data collection of visual and memory processes in double task conditions in adult and young elderly subjects with behavioral tasks as well as EEG, statistical analysis of experimental data, preparation of scientific reports for publication in peer-review international journals

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*Epilepsy and Clinical Neurophysiology*  
*Unit*

Conegliano, Italy  
Feb 2022 - Dic 2022

**Associazione La Nostra Famiglia –  
IRCSS Eugenio Medea**

Research Fellow

Project title: *Analisi dei segnali EEG ad alta densità per la selezione dei pazienti con epilessia invalidante e farmacoresistente per la chirurgia dell'epilessia* (Role: Co-investigator; PI: Paolo Bonanni, MD, Alberto Danieli, MD)

(high-density)EEG data analysis, aimed at localizing brain sources of epileptic crisis/interictal epileptiform discharges and at studying brain networks re-organization after resection surgery

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*Department of General Psychology*  
**University of Padova**

Padova, Italy  
Nov 2021 - May 2022

Research Fellow

Project Title: *La Terza Missione del Dipartimento di Psicologia Generale nei social media* (Role: Co-investigator; PI: Prof.ssa Erika Borella)

Dissemination activities, social media managing

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*Department of Social Psychology*  
**University of Amsterdam**

Amsterdam, The  
Netherlands  
Apr 2021 – Apr 2022

Visiting Researcher

Project title: *The role of previous experience in the construction of affective predictions* (Role: Co-PI; PI: Prof.ssa Suzanne Oosterwijk)

Development and programming of 4 online experiments involving the presentation of visual and auditory stimuli (software/platforms used: Prolific, OpenSesame, JATOS), online data collection, data analysis (a-priori power analysis and multilevel modeling, software used: R), manuscript writing, dissemination to national and international conferences

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## **Bibliometric Summary** (last updated 07/11/2023)

Number of published journal articles: 10  
H-index: 4 (Scopus), 4 (Scholar)  
Citation count: 34 (Scopus), 53 (Scholar)

## **Publications**

### Journal Articles

**\*Indicates shared first-authorship**

*The quartile indicated is the best of the last three years according to the JCR*

1. **Del Popolo Cristaldi, F.**, Palmiotti, G.P., Cellini, N., & Sarlo, M. (under review). Pulling the lever in a hurry: the modulating role of impulsivity and sensitivity to reward on moral decision-making under time pressure. *International Journal of Psychology*.
2. **Del Popolo Cristaldi, F.**, Buodo, G., Gambarota, F., Oosterwijk, S., & Mento, G. (under review). How previous experience shapes future affective subjective ratings: a follow-up study investigating implicit learning and cue ambiguity. *PLOS ONE*.
3. **Del Popolo Cristaldi, F.**, Gambarota, F., & Oosterwijk, S. (2023). Does your past define you? The role of previous visual experience in subjective reactions to new affective pictures and sounds. *Emotion*, 23(5), 1317–1333. <https://doi.org/10.1037/emo0001168.supp> (Q1 - Psychology, Experimental; IF: 4.2)
4. Shafiezadeh, S., Duma, G. M., Mento, G., Danieli, A., Antoniazzi, L., **Del Popolo Cristaldi, F.**, Bonanni, P., & Testolin, A. (2023). Methodological Issues in Evaluating Machine Learning Models for EEG Seizure Prediction: Good Cross-Validation Accuracy Does Not Guarantee Generalization to New Patients. *Applied Sciences*, 13(7), <https://doi.org/10.3390/app13074262> (Q2 - Engineering, Multidisciplinary; IF: 2.7)
5. **Del Popolo Cristaldi, F.**<sup>†</sup>, Toffoli, L.<sup>†</sup>, Duma, G. M., & Mento, G. (2023). Little fast, little slow, should I stay or should I go? Adapting cognitive control to local-global temporal prediction across typical development. *PLOS ONE*, 18(2), e0281417. <https://doi.org/10.1371/journal.pone.0281417> (Q2 - Multidisciplinary; IF: 3.7)
6. Mento, G., Toffoli, L., Della Longa, L., Farroni, T., **Del Popolo Cristaldi, F.**, & Duma, G. M. (2022). Adaptive Cognitive Control in Prematurely Born Children: An HD-EEG Investigation. *Brain Sciences*, 12(8), <https://doi.org/10.3390/brainsci12081074> (Q3 - Neurosciences; IF: 3.3)
7. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., & Sarlo, M. (2022). Emotion regulation strategies differentially modulate neural activity across affective prediction stages: An HD-EEG investigation. *Frontiers in Behavioral Neuroscience*, 16. <https://doi.org/10.3389/fnbeh.2022.947063> (Q2 - Behavioral Sciences; IF: 3)
8. **Del Popolo Cristaldi, F.**, Granziol, U., Bariletti, I., & Mento, G. (2022). Doing Experimental Psychological Research from Remote: How Alerting Differently Impacts Online vs. Lab Setting. *Brain Sciences*, 12(8), <https://doi.org/10.3390/brainsci12081061> (Q3 - Neurosciences; IF: 3.3)
9. **Del Popolo Cristaldi, F.**, Buodo, G., Duma, G. M., Sarlo, M., & Mento, G. (2022). Unbalanced functional connectivity at rest affects the ERP correlates of affective prediction in high intolerance of uncertainty individuals: A high density EEG investigation. *International Journal of Psychophysiology*, 178, 22–33. <https://doi.org/10.1016/j.ijpsycho.2022.06.006> (Q2 - Psychology, Experimental; IF: 3)
10. **Del Popolo Cristaldi, F.**, Mento, G., Sarlo, M., & Buodo, G. (2021). Dealing with uncertainty: A high-density EEG investigation on how intolerance of uncertainty affects emotional predictions. *PLOS ONE*, 16(7), e0254045. <https://doi.org/10.1371/journal.pone.0254045> (Q2 - Multidisciplinary; IF: 3.7)
11. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., & Sarlo, M. (2021). What's next? Neural correlates of emotional predictions: A high-density EEG investigation. *Brain and Cognition*, 150, 105708. <https://doi.org/10.1016/j.bandc.2021.105708> (Q2 - Psychology, Experimental; IF: 2.5)
12. Palmiotti, G. P.<sup>†</sup>, **Del Popolo Cristaldi, F.**<sup>†</sup>, Cellini, N., Lotto, L., & Sarlo, M. (2020). Framing the outcome of moral dilemmas: Effects of emotional information. *Ethics and Behavior*, 30(3). <https://doi.org/10.1080/10508422.2019.1607348> (Q2 - Psychology, Multidisciplinary; IF: 2)

## Book Chapters

1. **Del Popolo Cristaldi, F.**, Oosterwijk, S., & Feldman-Barrett, L. (in press). Predictive processing and embodiment in emotion. In *Routledge Handbook of Embodied Cognition* (2<sup>nd</sup> ed.), Routledge.

## PhD Thesis

1. **Del Popolo Cristaldi, F.** *The role of probabilistic information on affective predictions: neural and subjective correlates as modulated by Intolerance of Uncertainty* [Doctoral thesis, University of Padova]

## Conference Proceedings

### Oral Presentations at international conferences

1. Contemori, G., **Del Popolo Cristaldi, F.**, Saccani, M. S., Ouerghi, F., Rotundo, G., Bonato, M. (2023, September). A comparison of different multitasking methods across lifespan. Talk presented at *8<sup>th</sup> Scientific Meeting of the Federation of the European Societies of Neuropsychology (FENS)*, Thessaloniki, Greece, EL.
2. Contemori, G., Saccani, M. S., **Del Popolo Cristaldi, F.**, Bonato, M. (2023, April). Multitasking across lifespan. Talk presented at *2023 Aging and Cognition Conference of the European Cognitive Aging Society (EUCAS)*, Leuven, Belgium, BE.
3. **Del Popolo Cristaldi, F.**, Gambarota, F., Oosterwijk, S. (2022, April). The role of past visual experience in subjective reactions to new affective pictures and sounds. Oral contribution presented at *2022 Annual [virtual] Conference of the Society for Affective Science (SAS)*, [virtual].
4. **Del Popolo Cristaldi, F.**, Gambarota, F., Oosterwijk, S. (2022, February). The role of past experience in subjective ratings to affective predictions: cross-modality effects. Oral contribution presented at *2022 Cognitive Science Arena (CSA)*, Brixen-Bressanone, IT.
5. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., Sarlo, M. (2021, April). The construction of emotional predictions: a high-density EEG investigation on the role of probabilistic context. Oral contribution presented at *2021 Annual [virtual] Conference of the Society for Affective Science (SAS)*, [virtual].
6. **Del Popolo Cristaldi, F.**, Oosterwijk, S. (2021, April). The role of prior experience in the construction of affective predictions. Oral contribution presented at *2021 Annual [virtual] Conference of the Society for Affective Science (SAS)*, [virtual].
7. **Del Popolo Cristaldi, F.**, Buodo, G., Mento, G., Sarlo, M. (2020, February). Effects of predictability on emotional processing: a high-density EEG investigation. Oral contribution presented at *VIII Cognitive Science Arena (CSA)*, Brixen-Bressanone, IT.

### Oral Presentation at national conferences

1. **Del Popolo Cristaldi, F.** (2023, September). The causal role of prefrontal areas in moral decisions: a transcranial direct current stimulation study. Oral contribution presented at *XXIX National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale*, Lucca, IT.
2. **Del Popolo Cristaldi, F.** (2022, September). Are we really studying emotions? Oral contribution in symposium presented at *XXX National Conference of Associazione Italiana di Psicologia (AIP)*, Padova, IT.
3. Toffoli, L., **Del Popolo Cristaldi, F.**, Duma, G. M., Mento, G. (2022, September). To risk it or not: how the global predictive context shapes children's anticipation of riskiness in a decision-making task. Oral contribution in symposium presented at *XXX National Conference of Associazione Italiana di Psicologia (AIP)*, Padova, IT.
4. Mento, G., Duma, G. M., Granziol, U., **Del Popolo Cristaldi, F.** (2021, September). Implicit learning e flessibilità: il caso della dislessia e dell'ADHD. Oral contribution in symposium presented at

XXIX Web Conference of Associazione Italiana per la Ricerca e l'Intervento nella Psicopatologia dell'Apprendimento (AIRIPA), [virtual].

5. **Del Popolo Cristaldi, F.**, Gambarota, F., Oosterwijk, S. (2021, September). The role of previous probabilistic learning on the subjective affective experience. Oral contribution presented at XXVII National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale, Lecce, IT [blended].
6. **Del Popolo Cristaldi, F.**, Mento, G., Sarlo, M., Buodo, G. (2021, September). Intolleranza all'incertezza e correlati neurali delle predizioni emozionali: uno studio EEG ad alta densità. Oral contribution presented at XXVII National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale, Lecce, IT [blended].
7. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., Sarlo, M. (2020, September). Correlati neurali della predizione emozionale: uno studio EEG. Oral contribution presented at XXVI National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale, [virtual].
8. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., Sarlo, M. (2019, September). Effetti della predittività sull'elaborazione emozionale: uno studio ERP. Oral contribution presented at XXV National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale, Milan, IT.
9. **Del Popolo Cristaldi, F.**, Corà, L., Sava, D. (2018, December). Training e stimolazione cognitiva: due trattamenti per il disturbo neurocognitivo maggiore a confronto. Oral contribution presented at the National Course XIV Brain Aging, Associazione Italiana Psicogeriatrics, Naples, IT.
10. Sava, D., Carazzolo, D., Corà, L., **Del Popolo Cristaldi, F.**, Sapienza, A.G., Gradin, R., Morando, M., Rossi Primon, G., Contran, N., Tezzon, P., Padrin, S., Rigodanza, S. (2018, December). Procedural Memory Training ed ADL in pazienti con Disturbo Neurocognitivo Maggiore di stadio lieve-moderato-grave. Oral contribution presented at the National Course XIV Brain Aging, Associazione Italiana Psicogeriatrics, Naples, IT.
11. **Del Popolo Cristaldi, F.**, Corà, L., Iannizzi, P., Sava, D. (2018, May). Confronto fra training e stimolazione cognitiva per il disturbo neurocognitivo maggiore lieve. Oral contribution presented at XI National Conference of Società Italiana di Psicologia dell'Invecchiamento (SIPI), Milan, IT.
12. Sava, D., Gradin, R., **Del Popolo Cristaldi, F.**, Corà, L., Tezzon, P., Rigodanza, S. (2018, May). Procedural Memory Training per le ADL nel Disturbo Neurocognitivo Maggiore moderato-grave. Oral contribution presented at XI National Conference of Società Italiana di Psicologia dell'Invecchiamento (SIPI), Milan, IT.
13. **Del Popolo Cristaldi, F.**, Palmiotti, G. P., Lotto, L., Sarlo, M. (2017, September). Dilemmi morali e framing emozionale: Effetti sulla presa di decisione. Oral contribution presented at XXIII National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale, Bari, IT.
14. Sava, D., **Del Popolo Cristaldi, F.**, Tezzon, P., Contran, N., Rigodanza, S. (2017, May). Disturbo Neurocognitivo Maggiore e memoria procedurale: strategie riabilitative sulle ADL e generalizzazione degli effetti. Oral contribution presented at X National Conference of Società Italiana di Psicologia dell'Invecchiamento (SIPI), Fano, IT.

## Poster Presentations at international conferences

1. **Del Popolo Cristaldi, F.**, Cellini, N., Penolazzi, B., Sarlo, M. (2023, September). To do it or not to do it? The causal role of prefrontal areas in moral decisions: a transcranial direct current stimulation study. Poster presented at 2023 Annual Meeting of the Society for Psychophysiological Research (SPR), New Orleans, Louisiana, LA.
2. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., Sarlo, M. (2022, September). Emotion regulation strategies differentially modulate neural activity across affective prediction stages: an HD-EEG

investigation. Poster presented at *2022 Annual Meeting of the Society for Psychophysiological Research (SPR)*, Vancouver, Canada, CA [hybrid].

3. **Del Popolo Cristaldi, F.**, Gambarota, F., Oosterwijk, S. (2022, July). Cross-modality effects in affective prediction construction: the role of past visual experience in subjective reactions to new affective pictures and sounds. Poster presented at *2022 Annual Conference of the European Society for Cognitive and Affective Neuroscience (ESCAN)*, Wien, AT.
4. **Del Popolo Cristaldi, F.**, Buodo, G., Duma, G. M., Sarlo, M., Mento, G. (2022, July). Unbalanced functional connectivity at rest affects the ERP correlates of affective prediction in high Intolerance of Uncertainty individuals: a high density EEG investigation. Poster presented at *2022 Annual Conference of the European Society for Cognitive and Affective Neuroscience (ESCAN)*, Wien, AT.
5. **Del Popolo Cristaldi, F.**, Mento, G., Sarlo, M., Buodo, G. (2021, October). Does intolerance of uncertainty affect emotional predictions? A high-density EEG investigation. Poster presented at *2021 Annual Meeting of the Society for Psychophysiological Research (SPR)*, [virtual].
6. **Del Popolo Cristaldi, F.**, Mento, G., Buodo, G., Sarlo, M. (2020, October). Emotional processing as a function of different probabilistic contexts: a high-density EEG investigation. Poster presented at *2020 Annual Meeting of the Society for Psychophysiological Research (SPR)*, Vancouver, BC, [virtual].

## Poster Presentations at national conferences

1. Mento, G., Toffoli, L., Della Longa, L., Farroni, T., **Del Popolo Cristaldi, F.**, Duma, G. M. (2022, September). Adaptive cognitive control in preterm children: and HD-EEG investigation. Poster presented at *2022 Annual Meeting of Società Italiana di Psicofisiologia e Neuroscienze Cognitive (SIPF)*, Udine, IT.
2. Toffoli, L., **Del Popolo Cristaldi, F.**, Duma, G. M., Tarantino, V., Mento, G. (2022, March). La flessibilità dell'apprendimento implicito nello sviluppo tipico e atipico: un confronto tra autismo, ADHD e dislessia. Video poster presented at *XVIII Web Conference Giornate di aggiornamento sull'utilizzo degli strumenti in Psicologia Clinica dello Sviluppo*, [virtual].
3. Corà, L., **Del Popolo Cristaldi, F.**, Bozza, F., Sava, D. (2018, May). Riabilitazione neuropsicologica in un caso di afasia globale acquisita. Poster presented at *XI National Conference of Società Italiana di Psicologia dell'Invecchiamento (SIPI)*, Milan, IT.

## Invited talks

1. **Del Popolo Cristaldi, F.** (2022, September). In between response and anticipation: the role of probabilistic information and Intolerance of Uncertainty on affective predictions. Invited talk at *XXX National Conference of Associazione Italiana di Psicologia (AIP)*, Padova, IT.
2. **Del Popolo Cristaldi, F.** (2021, October). What's next? Neural correlates of emotional predictions: A high-density EEG investigation. Invited talk at *2021 Annual Meeting of Società Italiana di Psicofisiologia e Neuroscienze Cognitive (SIPF)*, Palermo, IT.

# Teaching Experience

## Formal Teaching Assignments

Teaching Assistant (*Didattica integrativa*)  
**Psicofisiologia**

Spring semester  
2023/2024

SSD: M-PSI/02  
10 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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Teaching Assistant (*Didattica integrativa*)  
**Neuropsicologia Cognitiva**

Spring semester  
2023/2024

SSD: M-PSI/02  
14 hours

*Master's degree in Psicologia Cognitiva Applicata*  
(L-24, D.M. 270/2004)

**University of Padova**

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Teaching Assistant (*Didattica integrativa*)  
**Human Electrophysiology**

Fall semester  
2023/2024

SSD: M-PSI/02  
12 hours

*Master's degree in Cognitive Neuroscience and Clinical Neuropsychology*  
(LM-51, D.M. 270/2004)

**University of Padova**

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Teaching Assistant (*Didattica integrativa*)  
**Psicobiologia**

Spring semester  
2022/2023

SSD: M-PSI/02  
20 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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Teaching Assistant (*Didattica integrativa*)  
**Psicofisiologia**

Spring semester  
2022/2023

SSD: M-PSI/02  
10 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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Teaching Assistant (*Didattica integrativa*)  
**Psicobiologia**

Spring semester  
2021/2022

SSD: M-PSI/02  
20 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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Teaching Assistant (*Didattica integrativa*)  
**Psicofisiologia**

Spring semester  
2021/2022

SSD: M-PSI/02  
20 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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## Invited Seminars

Seminar entitled "*Come si realizza uno studio EEG? Guida*  
(*galattica*) *in 6 step*"  
**Psicofisiologia** (Prof. Nicola Cellini)

Spring semester  
2022/2023

SSD: M-PSI/02  
2 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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Seminar entitled "*Come si realizza uno studio EEG? Guida*  
(*galattica*) *in 6 step*"  
**Psicofisiologia** (Prof. Nicola Cellini)

Spring semester  
2021/2022

SSD: M-PSI/02  
2 hours

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche*  
(L-24, D.M. 270/2004)

**University of Padova**

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## Honorary fellow (cultore della materia)

**Neuropsicologia dello sviluppo** (Prof. Giovanni Mento)

Academic year  
2022/2023



SSD: M-PSI/02

*Master's degree in Psicologia Clinica dello Sviluppo  
(L-24, D.M. 270/2004)*

**University of Padova**

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**Analisi spazio-temporale dell'attività elettroencefalografica  
in neuroscienze cognitive** (Prof. Giovanni Mento) Academic year  
2022/2023

SSD: M-PSI/02

*Master's degree in Neuroscienze e Riabilitazione Neuropsicologica  
(L-24, D.M. 270/2004)*

**University of Padova**

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**Electroencephalographic Recording and Analysis** (Prof.  
Giovanni Mento) Academic year  
2022/2023

SSD: M-PSI/02

*Master's degree in Cognitive Neuroscience and Clinical Neuropsychology  
(L-24, D.M. 270/2004)*

**University of Padova**

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**Psicofisiologia** (Prof. Nicola Cellini) Academic year  
2022/2023

SSD: M-PSI/02

*Bachelor's degree in Scienze Psicologiche Cognitive e Psicobiologiche  
(L-24, D.M. 270/2004)*

**University of Padova**

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## Students Supervision

### Laboratory Trainings

2022 - *to date* Training of 2 PhD student in the fundamentals of high density EEG recording and analysis in the Geodesic Lab of the Padua Neuroscience Center at the University of Padova

2018 - *to date* Training of 4 master's and 2 bachelor's students in the fundamentals of high density EEG recording and analysis in the Geodesic Lab of the Department of General Psychology at the University of Padova

2023 - *to date* Training of 1 master's and 2 post-lauream's students in the fundamentals of EEG and EKG recording and analysis in the D04 (Prof. Mioni) Lab of the Department of General Psychology at the University of Padova

## Thesis Supervision

2018 - *to date*      Co-supervision of 15 master's theses at the University of Padova  
(Academic year, Degree Program and Students' Supervisors in  
parentheses)

1. Baro, Francesca: "Dual-tasking in closed head injury patients: a comparison between paper-and-pencil and computerized tasks" (A.Y. 2022/2023, Cognitive Neuroscience and Clinical Neuropsychology, Prof. Mario Bonato)
2. Celeghin, Beatrice: "Apprendimento implicito flessibile e controllo motorio: uno studio caso-controllo su bambini con Disturbo da Deficit di Attenzione e Iperattività" (A.Y. 2020/2021, Psicologia Clinica dello Sviluppo; Prof. Giovanni Mento)
3. Cenzato, Giulia: "Uno studio a distanza sul dual-tasking: abilità dominio-specifica o risorsa-dipendente?" (A.Y. 2021/2022, Neuroscienze e Riabilitazione Neuropsicologica; Prof. Mario Bonato)
4. Cerra, Alessandro: "I Disturbi d'Ansia secondo la prospettiva della teoria delle emozioni costruite" (A.Y. 2022/2023, Psicologia Clinica, Prof. Giulia Buodo)
5. Ciattaglia, Chiara: "Il Cervello predittivo: come opera il contesto probabilistico sull'aspettativa temporale implicita. Uno studio condotto su bambini con disturbo specifico dell'apprendimento." (A.Y. 2020/2021, Psicologia Clinica dello Sviluppo; Prof. Giovanni Mento)
6. Compagnucci, Agnese: "Valutazione a distanza delle funzioni attentive e della salute psicologica. Un confronto preliminare sugli effetti dell'infezione da Covid-19" (A.Y. 2021/2022, Neuroscienze e Riabilitazione Neuropsicologica; Prof. Mario Bonato)
7. Coppini, Irene: "Apprendimento implicito flessibile e controllo motorio: uno studio caso-controllo su bambini con disturbo dello spettro autistico" (A.Y. 2020/2021, Psicologia Clinica dello Sviluppo; Prof. Giovanni Mento)
8. Del Prete, Daria: "Anticipazione ed elaborazione emozionale in individui ad elevato nevroticismo: uno studio EEG ad alta densità" (A.Y. 2019/2020, Neuroscienze e Riabilitazione Neuropsicologica; Prof. Giulia Buodo)
9. Floris, Marika: "La riserva cognitiva e il funzionamento cognitivo globale come possibili predittori delle abilità di multitasking: uno studio online" (A.Y. 2021/2022, Neuroscienze e Riabilitazione Neuropsicologica; Prof. Mario Bonato)
10. Gallinaro, Ylenia: "Ansia di tratto ed effetti della predittività sull'elaborazione emozionale: uno studio ERP" (A.Y. 2018/2019, Neuroscienze e Riabilitazione Neuropsicologica; Prof. Giulia Buodo)
11. Mombelli, Rebecca "tempo esplicito e tempo implicito: uno studio eeg" (A.Y. 2022/2023, Neuroscienze e Riabilitazione Neuropsicologica, Prof. Giovanna Mioni)
12. Re, Giulia: "Dal Lock-down dei laboratori durante la pandemia alla raccolta dati via web: validazione di un protocollo online per la raccolta di dati comportamentali nella ricerca in psicologia" (A.Y. 2020/2021, Neuroscienze e Riabilitazione Neuropsicologica; Prof. Giovanni Mento)
13. Sarzi Amade', Lara: "La valutazione cognitiva online ed il multitasking in una prospettiva life-span" (A.Y. 2022/2023, Neuroscienze e Riabilitazione Neuropsicologica, Prof. Mario Bonato)
14. Serra, Emanuele: "Multitasking e invecchiamento: correlati comportamentali ed elettrofisiologici di un doppio compito mnestico" (A.Y. 2022/2023, Neuroscienze e Riabilitazione Neuropsicologica, Prof. Mario Bonato)
15. Sorgente, Eugenia: "Controllo cognitivo proattivo e controllo cognitivo reattivo nel funzionamento esecutivo in età evolutiva: possibili implicazioni nel disturbo da deficit di attenzione e iperattività?" (A.Y. 2020/2021, Psicologia Clinica dello Sviluppo; Prof. Giovanni Mento)

2018 - *to date* Co-supervision of 2 bachelor's theses at the University of Padova  
(Degree Program and Students' Supervisors in parentheses)

1. Dell'Arciprete, Sara: "*Constructed emotion theory: il cervello predittivo alla base dell'esperienza emozionale*" (Scienze Psicologiche dello Sviluppo, della Personalità e delle Relazioni Interpersonali; Prof. Giulia Buodo)
2. Melillo Giulia: "The theory of constructed emotion and emotional anticipation in high trait anxiety adults and healthy adults" (Psychological Science; Prof. Giulia Buodo)

## Education

Enrolment in the Professional Register of Psychologists (Iscrizione all'Albo degli Psicologi – Sezione A, n. iscrizione 13893) Oct 2023  
**Ordine delle Psicologhe e degli Psicologi del Veneto**

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Ph.D. in *Psychological Sciences* Oct 2018 - May 2022  
**University of Padova**

Thesis: *The role of probabilistic information on affective predictions: neural and subjective correlates as modulated by Intolerance of Uncertainty*

Advisors: Prof. Giulia Buodo & Prof. Giovanni Mento

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Qualification to practice the profession of psychologist (Abilitazione all'esercizio della professione di psicologo) Jun 2018  
**University of Padova**

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Short Specialization Degree (Master II livello) in *Clinical Neuropsychology (with honors)* Jan 2017 - Dec 2017  
**University of Padova**

Dissertation: *Mild major neurocognitive disorder: a comparison between cognitive training and stimulation*

Advisor: Dott.ssa Pamela Iannizzi

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M.Sc. in *Neuroscienze e Riabilitazione Neuropsicologica (with honors)* Oct 2014 - Nov 2016  
**University of Padova**

Thesis: *Decision outcome and framing effect in moral dilemmas: an experimental study*

Advisor: Prof. Michela Sarlo

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B.Sc. in *Scienze e Tecniche Psicologiche (with honors)* Oct 2011 - Jul 2014  
**University of Catania**

Thesis: *From the brush to the synapses: journey into the psychophysiology of artistic perception*

Advisor: Prof. Vincenzo Perciavalle

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## Editorial Activity

Review Editor for *Frontiers in Psychology* - Emotion Science section (since 2023)

Ad-hoc reviewer for:

- Acta Psychologica
- Biological Psychology
- Brain Topography
- Cortex
- Current Opinion in Behavioral Sciences
- Frontiers in Psychology
- International Journal of Psychophysiology
- Molecular Autism
- Neuroimage: Reports
- Neuropsychologia
- PloS ONE
- Scientific Reports

## Conference Organization

- Member of the Scientific and Organizing Committee of the *XXX National Conference of Associazione Italiana di Psicologia (AIP)* (2022)
- Member of the Organizing Committee of the *XXVI National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Psicologia Sperimentale* (2020)

## Grants and awards

### Ongoing and submitted grants

Contribute(s) title: *To do it or not to do it? The causal role of prefrontal areas in moral decisions: a transcranial direct current stimulation study*

Funder: Society for Psychophysiological Research (SPR)

Grant type: Travel Grant

Role: Presenter

Amount: 1200\$

Year: 2023

Contribute(s) title: *Unbalanced functional connectivity at rest affects the ERP correlates of affective prediction in high Intolerance of Uncertainty individuals: a high density EEG investigation & Cross-modality effects in affective prediction construction: the role of past visual experience in subjective reactions to new affective pictures and sounds*

Funder: European Society for Cognitive and Affective Neuroscience (ESCAN)

Grant type: Travel Grant

Role: Presenter

Amount: 500€

Year: 2022

## Awards

2022 CSA Valiant Award (300€) for the best talk at 2022 Cognitive Science Arena (CSA)

2021 SIFP Junior Prize (250€) for the best paper published in the field of psychophysiology and neuroscience by an under-30 researcher, awarded for the paper:

- Del Popolo Cristaldi, F., Mento, G., Buodo, G., & Sarlo, M. (2021). What's next? Neural correlates of emotional predictions: A high-density EEG investigation. *Brain and Cognition*, 150, 105708. <https://doi.org/10.1016/j.bandc.2021.105708>

## Projects and Collaborations

### International

- Project title: *Predictive processing and embodiment in emotion*
  - Role: First Author
  - Research Group: Dr. Suzanne Oosterwijk, PhD (Department of Social Psychology, University of Amsterdam), Dr. Lisa Feldman-Barrett, PhD (Department of Psychology, Northeastern University, Boston)
  - Project aims: Development of a book chapter about predictive processing and embodiment in emotion, to be published in the next edition of the Routledge Handbook of Embodied Cognition
  - Duration of the collaboration: 2022 - *ongoing*
- Project title: *The role of certain vs. uncertain previous experience in subjective affective ratings developing along affective prediction construction*
  - Role: Co-PI
  - Research Group: Dr. Suzanne Oosterwijk, PhD (Department of Social Psychology, University of Amsterdam), Filippo Gambarota (Department of Developmental Psychology and Socialization, University of Padova)
  - Project aims: Understanding the role of previous learnings on the subjective experience of emotion during affective prediction construction
  - Duration of the collaboration: 2020 - *ongoing*

## National

- Project title: *ITsTIME: Implicit and explicit TIMing: bEhavioural and neural changes across adulthood*
  - Role: Member of the research unit
  - Research Group: Prof. Giovanna Mioni, PhD (Department of General Psychology, University of Padova), Prof. Nicola Cellini, PhD (Department of General Psychology, University of Padova), Luigi Micillo (Department of General Psychology, University of Padova)
  - Project aims: Characterization of the neurocognitive (EEG) and interoceptive (EKG) mechanisms subtending explicit and implicit time perception
  - Duration of the collaboration: 2022 - *ongoing*
- Project title: *BEFORE\_IT\_BEGINS: A new approach for the early detection of prodromal cognitive decline*
  - Role: Member of the research unit
  - Research Group: Prof. Mario Bonato, PhD (Department of General Psychology and Padua Neuroscience Center, University of Padova), Dr. Giulio Contemori, PhD (Department of General Psychology, University of Padova), Maria Silvia Saccani (Department of General Psychology and Padua Neuroscience Center, University of Padova)
  - Project aims: Characterization of multitasking (and its EEG neurocognitive correlates) as a tool to study visuospatial attention and early cognitive decline
  - Duration of the collaboration: 2022 - *ongoing*
- Project title: • *Neural and behavioral correlates of adaptive cognitive control across the lifespan*
  - Role: Member of the research unit
  - Research Group: Prof. Giovanni Mento, PhD (Department of General Psychology, University of Padova), Prof. Erika Borella, PhD (Department of General Psychology, University of Padova), Dr. Gian Marco Duma, PhD (Epilepsy and Clinical Neurophysiology Unit, IRCCS "E. Medea" Conegliano), Dr. Umberto Granziol, PhD (Department of General Psychology, University of Padova), Lisa Toffoli (Department of General Psychology, University of Padova)
  - Project aims: Characterization of the neurocognitive (EEG) mechanisms subtending adaptive cognitive control across the lifespan
  - Duration of the collaboration: 2021 - *ongoing*
- Project title: • *Cognitive and emotional processes involved in moral decision-making*
  - Role: Member of the research unit
  - Research Group: Prof. Michela Sarlo, PhD (Department of Communication Sciences, Humanities and International Studies, University of Urbino Carlo Bo), Prof. Nicola Cellini, PhD (Department of General Psychology, University of Padova), Prof. Barbara Penolazzi (Department of Life Sciences, University of Trieste, Trieste, Italy), Grazia Pia Palmiotti
  - Project aims: Characterization of the affective and neurocognitive (EEG, tDCS) mechanisms subtending moral decision-making
  - Duration of the collaboration: 2015 – *ongoing*

- Project title: • *Neurophysiology of epilepsy*
    - Role: Member of the research unit
    - Research Group: Dr. Paolo Bonanni, MD (Epilepsy and Clinical Neurophysiology Unit, IRCCS “E. Medea” Conegliano), Dr. Alberto Danieli, MD (Epilepsy and Clinical Neurophysiology Unit, IRCCS “E. Medea” Conegliano), Dr. Gian Marco Duma, PhD (Epilepsy and Clinical Neurophysiology Unit, IRCCS “E. Medea” Conegliano)
    - Project aims: (high-density)EEG data analysis, aimed at localizing brain sources of epileptic crisis/interictal epileptiform discharges and at studying brain networks re-organization after resection surgery
- Duration of the collaboration: 2022

## Institutional activity

2023 - <i>to date</i>	Representative of postdoctoral researchers of the Department of General Psychology, University of Padova
2021 - 2023	Member of 2021-2023 Directors' Board of Associazione Italiana di Psicologia (AIP)
2021 - 2023	Representative of Early CAreer REsearchers' netowrk (ECARE) of Associazione Italiana di Psicologia (AIP) – Sezione Psicologia Sperimentale
2016	Students' Representative and member of Gruppo per l'Accreditamento e la Valutazione (GAV), Master's degree in Neuroscience and Neuropsychological Rehabilitation, University of Padova

## Dissemination/Public Engagement activity (Terza Missione)

2023, Jun, 5th	Dissemination activity about the role of multitasking as an early marker of cognitive decline for Associazione Nazionale tutte le età Attive per la Solidarietà (ANTEAS), Padova
2023 May, 24th	Dissemination activity about the role of multitasking as an early marker of cognitive decline for Associazione per i Diritti degli Anziani (ADA), Padova
2020 - 2023	Social media managing of the official Facebook and Instagram pages of the Department of General Psychology, University of Padova
2017	Social media managing of the Facebook page of the Servizio di Psicologia dell'Invecchiamento e della Longevità (LAB-I), University of Padova
2020	Video contribution at 2020 VenetoNight (European Researcher's Night)

## Technical Skills

Recording and analysis techniques of electroencephalographic signals (EEG, hd-EEG) and electrocardiographic signals (ECG); Programming/development, data collection and data analysis of online experiments; Event organization and management; Language: Italian (native), English (fluent); Software/Platforms: Office, R, JASP, JAMOVI, Matlab, Brainstorm, EEGLAB, Biosignal, Kubios, NIC2, SPM, E-Prime, OpenSesame, Statistica, NetStation, PsychoPy, JATOS, Prolific, Gorilla, social media (Facebook, Instagram, Twitter, YouTube), Google package (Drive, Docs, Forms, Sheets, Slides, Sites, Meet), Zoom

Last Updated: 07/11/2023

