CURRICULUM VITAE ET STUDIORUM
Prof. Giovanni Mento

PERSONAL INFORMATION

Family name, First name: Mento Giovanni
Date of birth: 10th of March 1980; **Nationality**: Italy
Affiliations:

- Department of General Psychology, University of Padova, Padova, Italy
Via Venezia, 8, 35131, Padova (Italy)
- Scientific Institute"E.Medea La Nostra Famiglia", Conegliano, Treviso, Italy
- Padua Neuroscience Center (PNC), University of Padova, Padova, Italy

Researcher unique identifier (ORCID id): https://orcid.org/0000-0002-1529-2056
Registration in the Register of Psychologists of Veneto No. 13208
URLs for web sites:
https://www.dpg.unipd.it/en/giovanni-mento; https://pnc.unipd.it/mento-giovanni/;
https://www.researchgate.net/profile/Giovanni-Mento;
https://scholar.google.com/citations?user=zV-DNBsAAAAJ&hl=it&oi=ao;
https://www.dpg.unipd.it/en/neurodev

Academic Employments

2023 – present **Associate Professor of Neuropsychological development and EEG recording and analysis (M-PSI 02),** Department of General Psychology, University of Padova

2020 – 2023 **Assistant Professor,** Researcher on a fixed-term contract of type 'B' (with tenure track for associate professor), Department of General Psychology, University of Padova

2017 – 2020 **Assistant Professor,** Researcher on a fixed-term contract of type 'A'. Department of General Psychology. University of Padova.

2016 – 2017 **Post-doc fellow**, Department of General Psychology. University of Padova. Title of the project: "Exploiting psychophysiological anticipatory effects for Decision Support Systems"

2015 **Post-doc visiting** (1 month) at the Attention, Brain, Cognition and Development Lab (Held by Prof. Gaia Scerif) of the Department of Experimental Psychology, University of Oxford, UK.

2013 – 2015 **Post-doc fellow** (Senior position; funded by the "Young Scientists Project" grant to Giovanni Mento, University of Padova), Department of General Psychology, University of Padova. Title of the project: "Neural correlates of time processing in typical and atypcal development: a high-density event-related potentials study

2011 – 2013 **Post-doc fellow**, Department of General Psychology, University of Padova. Title of the project: " Is it possible to reduce anxiety symptoms in children with behavioral inhibition? training to modify attentional bias?"

2009 – 2011 **Post-doc fellow** (Italian law n° 449/1997), Department of General Psychology, University of Padova.Title of the project: "Neural networks involved in time and magnitudo discrimantion: a co-registration erp/tms study".

Education and Qualifications

2017	Italian National Scientific **qualification (Abilitazione Scientifica Nazionale, ASN) as Associate Professor** in General Psychology, Psychobiology and Psychometrics (11/E1).
2009	**Ph.D. in Psychological Sciences** (curriculum in Psychobiology). Title of the Ph.D. Thesis: "Cognitive processing in preterm newborns: an ERP study", University of Padova, Italy.
2008 – 2009	**Visiting scientist** (9 months) at the INSERM-CEA 'Cognitive Neuroimaging unit' NeuroSpin, Saclay (Paris). Director: Prof. Stanislaw Dehaene. Local supervisor: Professor Ghislaine Dehaene-Lambertz. Activity: EEG/ERPs and fMRI investigations in infants and children
2006	National qualification to the **Profession of Psychologist**
2005	Five-year **master's degree** in Psychology. Department of General Psychology, University of Padova
2004 – 2006	**Internship** at the Neuropsychiatry Unit and Neonatal Intensive Care Unit (NICU) of the Paediatric Department, University of Padova.
2002	**Internship** at the psychiatry division of 'Complesso socio-sanitario dei colli', ULSS 16, Padova.
1999	Scientific **high school** degree "Archimede", 95/100, Messina, Italy

Research Activity and Responsibilities

Coordinator of the NeuroDev Lab

RESEARCH FIELDS
Developmental Cognitive Neurosciences, Developmental Neuropsychology.

RESEARCH TOPICS
Cognitive control, attention and executive function development, Neurodevelopmental disorders (ADHD, Learning disorders), brain anticipatory/predictive activity, temporal expectancy, Trans-diagnostic approach

TECHNICAL/METHODOLOGICAL EXPERTISE
Conventional (19-64 channels) and High-Density/High impedance (128 channels) electroencephalography data recording and analysis in adult, children and infant typical and atypical populations, brain source modeling with distributed approach (sLORETA, wMNE, SPM within Brainstorm software), time-frequency analysis (Resting and event-related oscillatory synch/desynch), functional resting state and event-related network analysis

LAB EXPERIENCE AND EEG SYSTEM EXPERTISE

2017 – present:	Scientific Director of the Interdepartmental (DPG-DPSS) **High-density EEG lab**, University of Padova
2010 – present	Department of General Psychology, lab EGI-GES 300. EEG system: 128-channel High-density, high-impedence EEG system (Electrical Geodesic Instruments).
2011 – 2013	Department of General Psychology, University of Padova, EEG lab E09. EEG system: 19/32/64-channel (Neuroscan).
2008 – 2010	Department of General Psychology, University of Padova, EEG lab. EEG system: 32/64 channel (Micromed).
2007 – 2008	'Cognitive Neuroimaging Group', Neurospin, Paris. EEG system: 128-channel High-density, high-impedance EEG system (Electrical Geodesic Instruments).

2004 – 2008 Department of Pediatrics, University of Padova. EEG system: 32-channel EB-Neuro.

Grants and Awards

2017 Winner of the '**STARS CoG**' (Supporting Talent in ReSearch@University of Padova) grant, edition 2017, Consolidator Section. Total amount 79.500 euro. Title of the project: "*The developing anticipatory brain: how temporal expectancy induced by local and global prediction shapes neural network and behaviour across development*." Acronym: D-ANT brain

2016 Winner of the '**Valiant Award'** for the best oral presentation at the Cognitive Science Arena (CSA 2016) 19-20/2/2016, Brixen, Italy. Title of the presentation: "S*patiotemporal neurodynamics of temporal expectancy in infants and adults*".

2013 Winner of the '**Premio giovani studiosi**' ("Young Investigators Award") of 65.100 Euro (42.600 Euro for 2-year Senior Post-PhD Contract + 22.500 Euro for covering research costs) granted by the University of Padova (DR n. 1141-2012, 30 March 2011). Title of the project: "*Neural correlates of time processing in typical and atypcal development: a high-density event-related potentials study*".

2012 Winner of the '**Best young researcher award**' at the Italian Psychophysiological Society congress (SIPF 2012) 22-24/11/2012. Lido di Venezia. Title of the presentation: "*The more I wait the more I process: a high-density event-related study on the automatic expectancy-related brain activity*."

2011 Winner of the '**Best PhD Thesis**', awarded by the Italian Psychologcal Association, Experimental Psychology section (AIP). PhD thesis title: "*Cognitive processing in preterm newborns: an ERP study*".

2009 Winner of the '**Best young researcher award**' at the Italian Psychological Association congress (AIP09), experimental section. 24-26/09/2009. Chieti. Title of the presentation: "*Lateralizzazione funzionale destra in eta' neonatale: uno studio elettrofisiologico*".

ORGANISATION OF SCIENTIFIC MEETINGS

2023 - present Local committee of the national workshop "Le funzioni esecutive nei disturbi del neurosviluppo: dalla ricerca alle applicazioni cliniche" (Gruppo GRIFE), June 2023, Padova, Italy

2020 – present Scientific panel, International congress "Cognitive Science Arena (CSA)", July 2021, Brixen, Italy (https://cogsci.unibz.it/index.html)

2014 Local committee of the international workshop entitled "Attention to time", Padova, Italy

PAST AND CURRENT SCIENTIFIC COLLABORATIONS

National :

- Association "La Nostra Famiglia", IRCCS Medea, Conegliano, Treviso, Italy (Dott. Martinuzzi, Dott.ssa Franzoi, Dott. Bonanni).
- Lifespan Cognitive Neuroscience Lab, Padova (Prof.ssa Patrizia Bisiacchi).
- Electrophysiology of cognitive processes lab, Roma (Prof. Francesco Di Russo).
- Psychophysiology Research Group, Padova (Prof. Daniela Palomba).

- Co. Lab, Padova (Prof. Roberto Dell'Acqua).
- Baby lab, Padova (Prof. Teresa Farroni, Prof. Eloisa Valenza and Prof. Alessandra Simonelli).
- Prof. Silvia Lanfranchi, Padova.
- Department of Pediatrics, Padova (Dott.ssa Agnese Suppiej).
- Department of Neuroscience, Padova (Prof. Antonino Vallesi, Dott. Sorarù).

International

- Prof. Gaia Scerif. Attention, Brain, Cognition and Development (ABCD) Lab. Department of Experimental Psychology, University of Oxford, UK;
- Dr. Duncan Astle. Executive Processes Group, MRC, Cambridge, UK;
- Prof. Chiara Nosarti. Department of Psychosis Studies, Institute of Psychiatry, Psychology andNeuroscience, King's College London, London, UK;
- Prof. Shimin Fu, Guangzhou University, China;
- Dr. Clément Francois, University of Marseille, France
- Prof. Agnes Blaié, University of Marseille, France
- Dr. Corentin Gonthier, University of Rennes, France

Editorial Activity

EDITOR OF

Scientific Reports, Frontiers in Psychology (Review Editor), Frontiers in Human Neuroscience (Associate Editor), Open Psychology

REVIEWER FOR

Neuroscience Journals

Cortex, Cerebral Cortex, Neuroimage, Neuroreport, Frontiers in Human Neuroscience, Frontiers in Behavioural Neuroscience, Biological Psychology, Neuroscience BioBehavioural Review (NBBR), Trend In Cognitive Science, Brain Research, Developmental Cognitive Neuroscience

Developmental Journals

Developmental Science, Cognitive Development, Journal of Experimental Psychology, Psicologia Clinica dello Sviluppo (PCS)

Experimental Psychology Journals

Frontiers in Cognitive Psychology, Attention, Perception, & Psychophysics, European Journal of Paediatric Neurology (EJPN)

Open-access journals

Scientific Reports, PLOS One, BioMed Central

Membership

European Society for Cognitive Psychology (ESCOP)
Human Brain Mapping (HBM)
Associazione Italiana di Psicologia (AIP) Sezione sperimentale
Società Italiana di Psicofisiologia (SIPF)

Teaching Activity

Teacher for the following courses

Graduate master degree

2018 – present "***Analisi spazio-temporale dell'attivita' elettroencefalografica in neuroscienze cognitive***" at the Master Degree course in "Neuroscienze e riabilitazione neuropsicologica" [ps1091] (lm, d.m. 270/2004), M1c, 2 CFU. School of Psychology, University of Padova.
"***Neuropsicologia dello Sviluppo*****"** ("Developmental Neuropsychology") at the Master Degree course in "Psicologia clinica dello sviluppo" [ps2292] (lm, d.m. 270/2004)" (Clinical Developmental Psychology, MPCS, 6 CFU. School of Psychology, University of Padova
"***Electrophysiological recording and analysis***" at the Master Degree course in "Cognitive neuroscience and clinical neuropsychology" [ps1932] (lm, d.m. 270/2004), CN2, 2 CFU. School of Psychology, University of Padova.

2023 – present ***"Neuropsicologia cognitiva"*** at the Master Degree course in "Psicologia cognitiva applicata" [ps1932] (lm, d.m. 270/2004), M1Ar, 9 CFU. School of Psychology, University of Padova.
"Human electrophysiology" at the Master Degree course in "Cognitive neuroscience and clinical neuropsychology" [ps1932] (lm, d.m. 270/2004), CN2, 6 CFU. School of Psychology, University of Padova.

Postgraduate master's degree

2018 – present Master in **"Clinical Neuropsychology"** (Neuropsicologia Clinica), University of Padova

Master in **"Forensic Neuropsychology and clinical criminology"** (Neuropsicologia forense e criminologia clinica), University of Padova

Master in **"Cognitive Dysfunctions in Developmental Age: Assessment and Neuropsychological Intervention for Learning Disorders and Intellectual Disabilities"** (Disfunzioni cognitive in età evolutiva: Assessment e intervento neuropsicologico per disturbi e difficoltà di apprendimento e disabilità intellettiva), University of Milano Cattolica

Master in **"ADHD - Prevention, Assessment, and Multimodal Intervention"** (ADHD – Prevenzione, valutazione e intervento multimodale**)** (Neuropsicologia forense e criminologia clinica), Spazio IRIRS, Milano

Teacher in charge for the following courses

2013 – 2017 **'***HD-EEG data acquisition and analysis' ('Acquisizione e analisi di dati elettroencefalografici ad alta densità'***).** Advanced Courses for Research (CARS), University of Padova.

2013 *'Practical skills in High-Density Electroencephalography (HD-EEG) acquisition and analysis'***.** Supporting/integrative teaching activity for the courses for the Master Degree in Cognitive Neuroscience (CN2), University of Padova

Invited lectures

2008 – 2016
- 'Psicologia e psicofisiologia della percezione e dell'attenzione', invited by Prof. Manila Vannucci, University of Firenze.
- Human electrophysiology, invited by Prof. Paola Sessa. University of Padova
- 'Developmental Cognitive Neuroscience', invited by Prof. Simion, School of Psychology, University of Padova.
- 'Tecniche di ricerca in psicobiologia' ('Methodology in psychobiology research'), 2012-2013 (8 hours), held by Prof. Michela Sarlo, Faculty of Psychology, University of Padova.
- 'Neuroimaging and brain stimulation, 2013-2014, held by Prof. Antonio Vallesi (4 hours), School of Medicine, University of Padova.

- ‘Neuropsicologia dello sviluppo’ (Developmental Neuropsychology’) 2009-2013 (10 hours), held by Prof. Patrizia Bisiacchi, School of Psychology, University of Padova.
- ‘Psicobiologia dello sviluppo’ (‘Developmental Psychobiology’), 2006-2009 (10 hours), held by Prof. Patrizia Bisiacchi, School of Psychology, University of Padova.

Supervision

PhD candidates

2023 – present First supervisor of the PhD candidate **Giulia Stefanelli**

2022 – present First supervisor of the PhD candidate **Lisa Toffoli**,

2021 – 2023 First supervisor of the PhD candidate **Tong Xie**, from the international exchange PhD program with Guangzhou University, China;

2017 – 2019 Second supervisor of the PhD candidate **Letizia Della Longa**

2018 – 2020 Second supervisor of the PhD candidate **Fiorella Del Popolo Cristaldi**

2018 Local Supervisor of the PhD candidate visiting student **Francisco Ruiz Martinez,** University of Seville, Spain

2018 Local Supervisor of the PhD candidate visiting student **Francesca Siri,** University of Parma, Italy

Post-doc fellows

2018 – 2020 Supervisor of the post-doc fellow **Umberto Granziol,** Department of General Psychology, University of Padova

2019 – 2021 Supervisor of the post-doc fellow **Gian Marco Duma,** Department of General Psychology, University of Padova

Master course students

Supervisor of more than 80 master students of the School of Psychology, University of Padova

Institutional Responsabilities

2024 – present Scientific responsible for the hdEEG lab of the Department of General Psychology, University of Padova

2023 – present President of the Master’s degree course in ‘Neuroscienze e riabilitazione neuropsicologica’ (Neuorosciences and neuropsychological rehabilitation), University of Padova

2023 – present Department Academic Board (Commissione Didattica dipartimentale), University of Padova

2021 – present Vice President of the Master’s degree course in ‘Neuroscienze e riabilitazione neuropsicologica’ (Neuorosciences and neuropsychological rehabilitation), University of Padova

2020 – present	Faculty member. Doctorate school in Psychological Science, University of Padova, Italy
2018 – 2022	Vice-president of the Ethical Committee of the Psychological research of the University of Padova, Italy.
2018	Appointed as international member of the PhD examination Committee for the "Doctoral Program in Brain, Cognition and Behavior" (May 2018) of the University of Barcelona ("Universitat de Barcelona")
2017 – present	Scientific responsible for the research agreement between the Department of General Psychology of the University of Padova and the Scientific institute for rehabilitation medicine association "**IRCCS Eugenio Medea/La Nostra Famiglia**", Conegliano Veneto, Treviso, Italy.
2017 – present	Scientific responsible for the hdEEG interdepartmental lab (Geodesic)
2017 – present	Faculty member. School of Psychology, University of Padova, Italy
2017 – present	Faculty member. Short degree in Clinical Neuropsychology. University of Padova, Italy

Dissemination and Media Coverage

Public engagement

2024	Invited talk: "Costruire un cervello predittivo come le esperienze precoci modellano le traiettorie neuroevolutive". 25th anniversarie of the project "Nati per leggere", Regione Umbria, Orvieto (PG), 6/9/2024
2022	Organizational Committee of the "Brain awarness week", University of Padova, Noventa Padovana, Padova
2021	Organizational Committe of an online event about entitled "Disagio Psicologico e Disturbi del comportamento alimentare", Coordinamento Consigli d'Istituto della Regione Veneto.
2018 – present	**"**Kids University" and "Veneto Night", ("Science for All" framework, University of Padova)

Radio and Video Interviews

1) **TG3 Leonardo puntata del 25/10/24**
   Video Interview
2) **"Obiettivo salute"**
   Radio interview for Radio 24, 24/10/2024
3) **"Cervelli di ogni genere"**
   Radio interview for Radio Rai tre Scienza, 31/7/2024
4) **"Crescere in rete: esplorando gli effetti dell'(ab)uso digitale sul cervello"**
   Radio interview for "Radiocaldaia", 21/3/2024
5) **"Dall'autismo alla dislessia, all'iperattività: approccio attraverso il profilo."** Orizzonte Scuola, 01/3/2024
   Video interview , **Press interview**
6) **"Gli studenti "col motorino interno, che prima fanno e poi pensano" Orizzonte Scuola,** 4/10/2023

Video interview , **Press interview**

7) "**Stare attenti a scuola, ti spieghiamo come funziona il meccanismo dell'attenzione".** Orizzonte scuola 25/08/2023
Video interview , **Press interview**

8) ***"Geodesic Lab"**, Department of General Psychology, University of Padova*
Video interview

9) ***"Genere e cervello: perche non e solo una questione biologica,*** "Il Bo Live", 2/4/2019,
Press interview

10) **"*Il tempo nella mente"*,** "Plank", 4, 2014, ISBN: 9788867873326
Press interview

Public speaking

1) **"DSA: come sostenere i punti di forza e contenere le difficoltà?"** 27/4/2023
Video
2) **"(Ab)uso mezzi digitali e sviluppo neurocognitivo: controllare o farsi controllare dalla tecnologia?"** 6/2/2023
Video
3) **A–mors = "senza morte": ripartire dall'Amore per curare il malessere dei ragazzi?** 18/1/2023
Video

Press review: informative articles in print and online

2024

1) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241023&idArticle=671454057&idFolder=8274&idChapter=25749&authCookie=1707016207&trc=pMailCN-t20241023-a671454057-h25749-c2784-f8274-n84-u10391**
2) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241022&idArticle=671444161&idFolder=8274&idChapter=25749&authCookie=1902607177&trc=pMailCN-t20241022-a671444161-h25749-c2784-f8274-n3007-u10391**
3) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241022&idArticle=671444154&idFolder=8274&idChapter=25749&authCookie=1902607149&trc=pMailCN-t20241022-a671444154-h25749-c2784-f8274-n21064-u10391**
4) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241022&idArticle=671443212&idFolder=8274&idChapter=25749&authCookie=1902578193&trc=pMailCN-t20241022-a671443212-h25749-c2784-f8274-n1855-u10391**
5) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241022&idArticle=671445984&idFolder=8274&idChapter=25749&authCookie=1902644721&trc=pMailCN-t20241022-a671445984-h25749-c2784-f8274-n26421-u10391**
6) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241022&idArticle=671442020&idFolder=8274&idChapter=25749&authCookie=1902546509&trc=pMailCN-t20241022-a671442020-h25749-c2784-f8274-n37747-u10391**
7) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241022&idArticle=671442171&idFolder=8274&idChapter=25749&authCookie=1902547626&trc=pMailCN-t20241022-a671442171-h25749-c2784-f8274-n3340-u10391**
8) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241023&idArticle=671531355&idFolder=8274&idChapter=25749&authCookie=1733711824&trc=pMailCN-t20241023-a671531355-h25749-c2784-f8274-n1852-u10391**
9) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241023&idArticle=671532924&idFolder=8274&idChapter=25749&authCookie=1733747287&trc=pMailCN-t20241023-a671532924-h25749-c2784-f8274-n1955-u10391**

10) **https://media.mimesi.com/cacheServer/servlet/CropServer?date=20241023&idArticle=671531073&idFolder=8274&idChapter=25749&authCookie=1733709001&trc=pMailCN-t20241023-a671531073-h25749-c2784-f8274-n2088-u10391**

2023

1) https://www.unipd.it/news/unipd-irccs-medea-insieme-contro-malattie-neurologiche-dellet-evolutiva
2) https://www.panoramasanita.it/2023/06/19/lotta-alle-patologie-neurologiche-e-neuropsichiche-delleta-evolutiva/
3) https://www.disabili.com/medicina/articoli-qmedicinaq/lotta-alle-patologie-neurologiche-e-neuropsichiche-dell-eta-evolutiva-un-nuovo-strumento
4) https://emedea.it/medea/it/news-it/479-lotta-alle-patologie-neurologiche-e-neuropsichiche-dell-eta-evolutiva
5) **https://www.superando.it/2023/06/19/la-lotta-alle-patologie-neurologiche-e-neuropsichiche-delleta-evolutiva/**

2022

1) Il Gazzettino, edizione Padova, 3/8/2022 "Lo studio: i bambini prevedono il futuro a seconda dei suoni", autore: Luisa Morbiato
2) Il Bo live: https://ilbolive.unipd.it/it/news/cervello-predittivo-nei-neonati-ascolto-previsione
3) Focus: https://www.focus.it/scienza/scienze/cervello-anche-i-lattanti-sanno-prevedere-il-futuro
4) Le Scienze: https://www.lescienze.it/news/2022/08/02/news/bambini_suono_prevedono_futuro-9981695/
5) UNIPD: https://www.unipd.it/news/bambini-ascoltano-prevedono-cosa-riserva-futuro
6) https://www.padovaoggi.it/formazione/universita/studio-universita-bambini-prevedono-futuro-padova-2-agosto-2022.html
7) https://www.adnkronos.com/gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-lo-studio_68TjYpRF7oszsWnSRdgOhG
8) https://calabria7.it/lo-studio-gia-a-4-mesi-i-bimbi-ascoltano-e-prevedono-gli-eventi/
9) https://www.ilsussidiario.net/news/a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-studio-a-seconda-del-suono-sentito/2383907/
10) https://www.lasicilia.it/ultimiaggiornamenti/news/ricerca-gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-studio-unipd-1760654/
11) https://www.informazioneriservata.eu/ultime-notizie-gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-lo-studio/
12) https://www.ildenaro.it/gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-lo-studio/
13) https://www.raggix.eu/snr/gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-lo-studio/
14) https://www.zazoom.it/2022-08-02/ultime-notizie-gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-lo-studio/11344687/
15) https://it.geosnews.com/news/lazio/a-4-mesi-i-bimbi-gia-ascoltano-e-prevedono-eventi-lo-studio-nmoo
16) https://www.newsonline.it/a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-studio-a-seconda-del-suono-sentito-57728142
17) https://scientificult.it/2022/08/02/i-bambini-ascoltano-e-prevedono-cosa-gli-riserva-il-futuro/
18) https://www.notizie.today/post/gia-a-4-mesi-bimbi-ascoltano-e-prevedono-eventi-lo-studio-563215.html
19) https://agenparl.eu/2022/10/04/ricerca-unipd-irccs-eugenio-medea-quando-il-cervello-e-troppo-connesso-alterazione-della-comunicazione-neurale-nellepilessia-temporale/
20) https://www.aise.it/ambiente-e-ricerca/quando-il-cervello-%C3%A8-troppo-connesso-lo-studio-universit%C3%A0-di-padova-irccs/181597/contatti
21) https://www.altoadige.it/salute-e-benessere/epilessia-all-origine-una-iperconnessione-del-cervello-1.3325094
22) https://www.ansa.it/canale_saluteebenessere/notizie/medicina/2022/10/04/epilessia-allorigine-una-iperconnessione-del-cervello_f5e079ae-7df9-4c81-8490-bfc38bfb273f.html
23) https://www.clicmedicina.it/cervello-troppo-connesso-origine-epilessia-temporale/

24) http://www.doctor33.it/clinica/epilessia-ecco-come-si-altera-la-comunicazione-neurale-lo-studio-italiano/
25) https://www.dottnet.it/articolo/32531611/epilessia-all-origine-una-iperconnessione-del-cervello/
26) https://www.federfarma.it/Edicola/Ansa-Salute-News/VisualizzaNews.aspx?type=Ansa&key=34220
27) https://gds.it/speciali/salute-e-benessere/2022/10/04/epilessia-all-origine-una-iperconnessione-del-cervello-a535f0b1-60b2-41db-b34d-5639a3a81826/
28) https://mattinopadova.gelocal.it/regione/2022/10/04/news/cosa_succede_al_cervello_quando_e_troppoconnesso-10254845/
29) https://nursetimes.org/epilessia-del-lobo-temporale-possibile-causa-uneccessiva-comunicazione-tra-diverse-aree-del-cervello/146923
30) https://www.ohga.it/epilessia-allorigine-ci-sarebbe-una-iperconnessione-del-cervello/
31) https://www.ok-salute.it/salute/scoperta-una-delle-cause-dellepilessia-piu-comune/
32) https://www.panoramasanita.it/2022/10/04/quando-il-cervello-e-troppo-connesso/
33) https://scientificult.it/2022/10/04/quando-il-cervello-e-troppo-connesso-alterazione-della-comunicazione-neurale-nell-epilessia-temporale/
34) https://www.tecnomedicina.it/epilessia-quando-il-cervello-e-troppo-connesso/
35) https://tg24.sky.it/salute-e-benessere/2022/10/04/epilessia-iperconnessione-cervello
36) https://tgpadova.telenuovo.it/attualita/2022/10/04/epilessia-allorigine-una-iperconnessione-del-cervello

2018

1) https://www.insalutenews.it/in-salute/le-parole-che-usiamo-costruiscono-il-cervello-sociale-dei-nostri-bambini-studio-delluniversita-di-padova/
2) https://www.dpss.unipd.it/le-parole-che-usiamo-costruiscono-il-cervello-sociale-dei-nostri-bambini

Publications Statistics

2006 – present

Total number of publications in peer-review journals: 67, of which 22 first name, 13 second name, 13 last name and 2 single name papers; Book chapters: 1;

Total number of papers in Q1 journals: 55

Total number of citations 1524 (Scholar), 942 (Scopus),

H index 23 (Scholar), 19 (Scopus)

List of Publications

Peer-reviewed papers

2025

1) Toffoli, L., Stefanelli, G., Manca, G., Del Popolo Cristaldi, F., Duma, G. M., Guidi, M., ... & Mento, G. (2025). Adaptive cognitive control in 4 to 7-year-old children and potential effects of school-based yoga-mindfulness interventions: an exploratory study in Italy. *Frontiers in Psychology*, *16*, 1379241.

2) Toffoli, L., Calderan, M., Del Popolo Cristaldi, F., Duma, G.M, Calcagnì, A., Pastore, M., Tarantino, V., **Mento, G**. (in press). Can I afford one more candy? How motivational contexts shape Adaptive Cognitive Control in children. *Developmental Psychology*

3) **Mento, G**., Bariletti, I., Toffoli, L., Granziol, U., Borella, E., Del Popolo Cristaldi, F. (in press), Adapting cognitive control to local-global implicit temporal predictability: A lifespan investigation from 5 to 82 years old. *Psychology and Aging*

2024

1) Toffoli, L., Zdorovtsova, N., Epihova, G., Duma, G. M., Cristaldi, F. D. P., Pastore, M., ... & **Mento, G**. (2024). Dynamic transient brain states in preschoolers mirror parental report of behavior and emotion regulation. *Human Brain Mapping*, *45*(14), e70011. https://doi.org/10.1002/hbm.70011

2) Shafiezadeh, S., Duma, G. M., Mento, G., Danieli, A., Antoniazzi, L., Del Popolo Cristaldi, F., ... & Testolin, A. (2024). Calibrating Deep Learning Classifiers for Patient-Independent Electroencephalogram Seizure Forecasting. *Sensors*, *24*(9), 2863.

3) Del Popolo Cristaldi, F., Buodo, G., Gambarota, F., Oosterwijk, S., & **Mento, G**. (2024). How previous experience shapes future affective subjective ratings: A follow-up study investigating implicit learning and cue ambiguity. *Plos one*, *19*(2), e0297954

4) Tasca, I., Guidi, M., Turriziani, P., **Mento, G**., & Tarantino, V. (2024). Behavioral and socio-emotional disorders in intellectual giftedness: A systematic review. *Child Psychiatry & Human Development*, *55*(3), 768-789.

2023

5) Galante, E., Farroni, T., & **Mento, G**. Nascita pretermine e ruolo dell'ambiente. Un'indagine conoscitiva sui reparti di terapia intensiva neonatale in Italia. *Psicologia clinica dello sviluppo*, 1-27.

6) **Mento, G**., & Toffoli, L. Chi controlla i controllori? Una rivisitazione del concetto di «top-down» nelle funzioni esecutive e relative implicazioni per lo sviluppo cognitivo tipico e atipico. *Psicologia clinica dello sviluppo*, 1-25.

7) Xie, T., Fu, S., & **Mento, G.** (2023). Faces do not guide attention in an object-based facilitation manner. *Attention, Perception, & Psychophysics*, 1-16.

8) Duma, G. M., Danieli, A., **Mento, G.,** Vitale, V., Opipari, R. S., Jirsa, V., ... & Sorrentino, P. (2023). Altered spreading of neuronal avalanches in temporal lobe epilepsy relates to cognitive performance: A resting-state hdEEG study. *Epilepsia*.

9) Shafiezadeh, S., Duma, G. M., **Mento, G**., Danieli, A., Antoniazzi, L., Del Popolo Cristaldi, F., ... & 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), 4262.

10) Toffoli, L., & **Mento, G**. (2023). Dal «cosa» al «come»: l'apprendimento e il contesto come fattori fondamentali nella regolazione del controllo inibitorio. *Giornale italiano di psicologia*, *50*(1), 183-190.

11) Del Popolo Cristaldi, F., Toffoli, L., 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.

2022

12) Duma, G. M., Danieli, A., Mattar, M. G., Baggio, M., Vettorel, A., Bonanni, P., & **Mento, G.** (2022). Resting state network dynamic reconfiguration and neuropsychological functioning in temporal lobe epilepsy: An HD-EEG investigation. *Cortex*, *157*, 1-13. https://doi.org/10.1016/j.cortex.2022.08.010

13) Sessa, P., Schiano Lomoriello, A., Duma, G.M., **Mento, G**., De Stefani, E., Ferrari, P.F. (2022). Degenerate pathway for processing smile and other emotional expressions in congenital facial palsy: An hdEEG investigation. *Philosophical Transactions of the royal society B.*

14) **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), 1074. https://doi.org/10.3390/brainsci12081074

15) 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):1061. https://doi.org/10.3390/brainsci12081061

16) **Mento, G.**, Duma, G. M., Valenza, E., & Farroni, T. (2022). Face specific neural anticipatory activity in infants 4 and 9 months old. *Scientific Reports*, *12*(1), 1-15. Doi: https://doi.org/10.1038/s41598-022-17273-1

17) Hervé, E., **Mento, G**., Desnous, B., & François, C. (2022). Challenges and new perspectives of developmental cognitive EEG studies. *NeuroImage*, 119508, doi: https://doi.org/10.1016/j.neuroimage.2022.119508

18) Del Popolo Cristaldi, F., **Mento, G.**, Buodo, G. and Sarlo, M. (2022) Emotion regulation strategies differentially modulate neural activity across affective prediction stages: An HD-EEG investigation. *Front. Behav. Neurosci.* 16:947063, doi: https://doi.org/10.3389/fnbeh.2022.947063

19) Del Popolo Cristaldi, F., Buodo, G., Duma, G., 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. *Int J Psychophysiol*,178, 22-33. doi: https://doi.org/10.1016/j.ijpsycho.2022.06.006

20) Xie, T., Fu, S., **Mento, G**. (2022). Can faces affect object-based attention? Evidence from online experiments. *Atten Percept Psychophys*, 84(4):1220-1233, doi: https://doi.org/10.3758/s13414-022-02473-8

21) Baggio, M., Toffoli, L., Da Rold, M., Duma, G. M., **Mento, G**., Morao, V., Danieli, A. & Bonanni, P. (2022). Neuropsychological and behavioral profiles of self-limited epileptic syndromes of childhood: a cross-syndrome comparison. *Child Neuropsychology*, 1-25. https://doi.org/10.1080/09297049.2022.2028754

2021

22) Duma, G.M., Di Bono, M.G., **Mento, G**. Grounding Adaptive Cognitive Control in the Intrinsic, Functional Brain Organization: An HD-EEG Resting State Investigation. (2021). *Brain Sci.*, *11*, 1513. https://doi.org/10.3390/brainsci11111513

23) Della Longa, L., **Mento, G**., Farroni, T. (2021). The development of a flexible bodily representation: behavioural outcomes and brain oscillatory activity during the Rubber Hand Illusion in preterm and full-term school-age children. *Frontiers in Human Neuroscience* doi: https://doi.org/10.3389/fnhum.2021.702449

24) Duma, G.M, Danieli, A., Vettorel, A., Antoniazzi, L., **Mento, G**., Bonanni, P. (2021). Investigation of dynamic functional connectivity of the source reconstructed epileptiform discharges in focal epilepsy: A graph theory approach. *Epilepsy Research,* 176, https://doi.org/10.1016/j.eplepsyres.2021.106745

25) 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. *Plo one*, *16*(7), e0254045, doi: https://doi.org/ 10.6084/m9.figshare.13560569.

26) Fastelli, A., **Mento, G.,** Marshall, C.R., Arfé, B. (2021) Implicit learning of non-verbal regularities by deaf children with cochlear implants: An investigation with a dynamic temporal prediction task. *Plos one* 16(5): e0251050. https://doi.org/10.1371/journal.pone.0251050

27) 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. Doi: https://doi.org/10.1016/j.bandc.2021.105708

28) Cutini, S., Duma, G. M., & **Mento, G.** (2021). How time shapes cognitive control: A high-density EEG study of task-switching. *Biological psychology*, *160*, 108030. https://doi.org/10.1016/j.biopsycho.2021.108030

29) Duma, G.M., Danieli, A., Morao, V., Da Rold, M., Baggio, M., Toffoli, L., Zanatta, A., Vettorel, A., Bonanni, P. & **Mento G**. (2021). Implicit cognitive flexibility in self-limited focal epilepsy of childhood: An HD-EEG study. *Epilepsy Behav*. 22;116:107747. doi: https://doi.org/10.1016/j.yebeh.2020.107747

30) Bilucaglia, M., Duma, G. M., Mento, G., Semenzato, L., & Tressoldi, P. E. (2021). Applying machine learning EEG signal classification to emotion-related brain anticipatory activity. *F1000Research*, *9*(173), 173. https://doi.org/10.12688/f1000research.22202.3

2020

31) Duma, G. M., Granziol, U., & **Mento, G**. (2020). Should I stay or should I go? How local-global implicit temporal expectancy shapes proactive motor control: An hdEEG study. *NeuroImage*, *220*, 117071. doi: https://doi.org/10.1016/j.neuroimage.2020.117071

32) Gianfranchi, E., **Mento, G.,** Duma, G. M., Chierchia, C., Sarlo, M., & Tagliabue, M. (2020). Electrophysiological correlates of attentional monitoring during a complex driving simulation task. *Biological psychology*, *154*, 107918. https://doi.org/10.1016/j.biopsycho.2020.107918

33) Berchicci, M., Sulpizio, V., **Mento, G**., Lucci, G., Civale, N., Galati, G., ... & Di Russo, F. (2020). Prompting future events: Effects of temporal cueing and time on task on brain preparation to action. *Brain and cognition*, *141*, 105565. https://doi.org/10.1016/j.bandc.2020.105565

34) **Mento, G**., Scerif, G., Granziol, U., Franzoi, M., & Lanfranchi, S. (2020). The Effect of Probabilistic Context on Implicit Temporal Expectations in Down Syndrome. *Frontiers in psychology*, *11*, 369, doi: https://doi.org/10.3389/fpsyg.2020.00369

35) **Mento, G**., & Granziol, U. (2020). The developing predictive brain: How implicit temporal expectancy induced by local and global prediction shapes action preparation across development. *Developmental science*, *23*(6), e12954, doi: https://doi.org/10.1111/desc.12954

2019

36) Timeo, S., **Mento, G.,** Fronza, E., Farroni T. (2019). Exposure to linguistic labels during childhood modulates the neural architecture of race categorical perception. Scientific Reports. 9, 17743 doi: https://doi.org/10.1038/s41598-019-54394-6

37) Duma, G.M., **Mento, G**., Cutini, S., Sessa P., Baillet, S., Brigadoi, S., Dell'Acqua, R. (2019). Functional dissociation of anterior cingulate cortex and intraparietal sulcus in visual working memory. *Cortex*, 121:277-291. doi: https://doi.org/10.1016/j.cortex.2019.09.009

38) Facco, E., Casiglia, E., Al Khafaji, B. E., Finatti, F., Duma, G. M., **Mento, G**., Pederzoli, L. Tressoldi, P. (2019). The neurophenomenology of out-of-body experiences induced by hypnotic suggestions. *International Journal of Clinical and Experimental Hypnosis*, *67*(1), 39-68. https://doi.org/10.1080/00207144.2019.1553762

39) **Mento, G**., Scerif, G., Granziol, U., Franzoi, M., Lanfranchi, S., (2019), Dissociating top-down and bottom-up temporal attention in Down syndrome: a neurocostructive perspective, *Cognitive Development*, 49, 81-93. Doi: https://doi.org/10.1016/j.cogdev.2018.12.004

2018

40) Duma, G. M., **Mento, G**., Semenzato, L., & Tressoldi, P. E. (2019). EEG anticipation of random high and low arousal faces and sounds. *F1000Research*, *8*(1508), 1508. https://doi.org/10.31234/osf.io/un9ed

41) Sacchi, C., De Carli, P., **Mento, G**., Farroni, T., Visentin, S., Simonelli., A. (2018). Socioemotional and cognitive development in intrauterine growth restricted (IUGR) and typical development infants: early interactive patterns and underlying neural correlates. Rationale and methods of the study. *Frontiers in Behavioural Neuroscience*, 12(315). Doi: https://doi.org/10.3389/fnbeh.2018.00315

42) **Mento, G**., Astle, D., Scerif, G. (2018). Cross-frequency phase-amplitude coupling as a mechanism for temporal orienting of attention in childhood. *The Journal of Cognitive Neuroscience,* 30(4), 594-602, doi: https://doi.org/10.1162/jocn_a_01223

2017

43) **Mento, G**. (2017). The role of the P3 and CNV components in voluntary and automatic temporal orienting: a high spatial resolution ERP study. *Neuropsychologia*, 107, 31-40, doi: https://doi.org/10.1016/j.neuropsychologia.2017.10.037

44) Bisiacchi, **Mento, G.,** P., Tarantino, V., Burlina, P. (2017). Subclinical executive function impairment in children with asymptomatic, treated Phenylketonuria: a comparison with children with Immunodeficiency Virus. *Cognitive Neuropsychology*, doi: https://doi.org/10.1080/02643294.2017.1396207

45) Mennella, R., Sarlo, M., Messerotti Benvenuti, S., Buodo, G., **Mento, G**., Palomba, D. (2017). The two faces of avoidance: Time-frequency correlates of motivational disposition in blood phobia. *Psychophysiology*, 54(11), 1606-1620, doi: https://doi.org/10.1111/psyp.12904

46) Duma GM, **Mento G**, Manari T, Martinelli M, Tressoldi P (2017) Driving with Intuition: A Preregistered Study about the EEG Anticipation of Simulated Random Car Accidents. *Plos One* 12(1): e0170370, doi: https://doi.org/10.1371/journal.pone.0170370

2016

47) **Mento, G.** and Valenza, E. (2016). Spatiotemporal neurodynamics of automatic temporal expectancy in 9-month old infants. *Scientific Reports*, 6, 36525, doi: https://doi.org/10.1038/srep36525

48) **Mento, G.** and Vallesi, A. (2016). Spatiotemporally dissociable neural signatures for generating and updating expectation over time in children: a High Density-ERP study, *Developmental Cognitive Neurosciences*, 19, 98-106, doi: https://doi.org/10.1016/j.dcn.2016.02.008

2015

49) Amico, F., Ambrosini, A., Guillem, F., **Mento G.,** Power, D., Pergola, G, Vallesi, A. (2015). The Virtual Tray of Objects Task as a Novel Method to Electrophysiologically Measure Visuo-Spatial Recognition Memory, *International Journal of Psychophysiology*, 98, 477-89, doi: https://doi.org/10.1016/j.ijpsycho.2015.10.006

50) Buodo, G., Sarlo, M., **Mento, G**., Messerotti Benvenuti, S., Palomba, D. (2015). Unpleasant stimuli differentially modulate inhibitory processes in an emotional Go/NoGo task: an ERP study, *Cognition and Emotion*, 29 (4), 604-620, doi: https://doi.org/10.1080/02699931.2014.926862

51) **Mento, G.** and Tarantino, V. (2015). Developmental trajectories of internally and externally driven temporal prediction, *Plos One,* 10(8), e0135098, doi: https://doi.org/10.1371/journal.pone.0135098

52) **Mento, G**. and Nosarti, C. (2015). The case of late preterm birth: sliding forwards the critical window for cognitive outcome risk, *Translational Pediatrics*, 4(3), 214-8, doi: https://doi.org/10.3978/j.issn.2224-4336.2015.06.02

53) Messerotti Benvenuti, S., Sarlo, M., Buodo, G., **Mento, G**., Palomba D. (2015). Influence of impulsiveness on emotional modulation of response inhibition: An ERP study, *Clinical Neurophysiology*, 126(10), 1915-25, doi: https://doi.org/10.1016/j.clinph.2014.12.012

54) **Mento, G.,** Tarantino, V., Vallesi, A., Bisiacchi, P.S. (2015). Spatiotemporal neurodynamics underlying internally- and externally-driven temporal prediction: a high spatial resolution ERP study, *Journal of Cognitive Neuroscience,* 27(3), 425-39. doi: https://doi.org/10.1162/jocn_a_00715

55) Palmieri, A., **Mento, G.,** Calvo, V., Querin, G., D'Ascenzo, C., Volpato, C., Kleinbub, J., Bisiacchi, P., Sorarù, G. (2015). Female gender doubles executive dysfunction risk in ALS: a case-control study in 165 patients, *Journal of Neurology, Neurosurgery & Psychiatry*, 86(5), 574-9, doi: https://doi.org/10.1136/jnnp-2014-307654

56) Buodo, G., **Mento, G.**, Sarlo, M., Palomba, D. (2015). Neural correlates of attention to emotional facial expressions in dysphoria, *Cognition and Emotion*, 29(4), 604-20, doi: https://doi.org/10.1080/02699931.2014.926862

2013

57) **Mento, G.,** (2013). The Passive CNV: carving out the contribution of task-related processes from expectancy, *Frontiers in human neuroscience*, 7, 827, doi: https://doi.org/10.3389/fnhum.2013.00827

58) **Mento, G.,** Tarantino, V., Sarlo, M., Bisiacchi, P. (2013). Automatic temporal expectancy: a HD-ERP study, *Plos One*, 8(5), e62896, doi: https://doi.org/10.1371/journal.pone.0062896

59) **Mento,** G., Bisiacchi, P.B. (2013). Sviluppo neurocognitivo nel neonato prematuro: il punto di vista delle neuroscienze cognitive dello sviluppo, *Psicologia clinica dello sviluppo*, 17(1), 27-44, doi: https://doi.org/10.1449/73825

2012

60) **Mento, G.,** Bisiacchi, P.B. (2012). Neurocognitive development in preterm infants: insights from different approaches, *Neuroscience & Biobehavioral Reviews,* 36(1), 536-55, doi: https://doi.org/10.1016/j.neubiorev.2011.08.008

2011

61) **Mento, G.,** Tarantino, V., Bisiacchi, P.S. (2011). The neuropsychological profile of infantile Duchenne muscular dystrophy, *The Clinical Neuropsychologist*, 25(8), 1359-77. doi: https://doi.org/10.1080/13854046.2011.617782

62) Palmieri, A., Manara, R., Bello, L., **Mento**, **G.,** Lazzarini, L., Borsato, C., Bortolussi, L., Angelini, C. (2011). Cognitive profile and MRI findings in limb-girdle muscular dystrophy 2I, *Journal of Neurology,* 258(7), 1312-20. doi: https://doi.org/10.1007/s00415-011-5930-3

2010

63) Suppiej, A., **Mento, G.**, Zanardo, V., Franzoi, M., Battistella, P.A., Ermani, M., Bisiacchi, P.S. (2010). Auditory processing during sleep in preterm infants: An event related potential study*, Early Human Development*, 86(12), 807-12, doi: https://doi.org/10.1016/j.earlhumdev.2010.09.002

64) **Mento**, **G**., Suppiej, A., Altoè, G., Bisiacchi, P.S. (2010). Functional hemispheric asymmetries in humans: electrophisiological evidence from preterm infants*, European Journal of Neuroscience,* 31(2), 1-10, doi: https://doi.org/10.1111/j.1460-9568.2010.07076.x

2009

65) Bisiacchi, P.S., **Mento**, **G.**, Suppiej, A. (2009). Cortical auditory processing in preterm newborns: an ERP study, *Biological Psychology*, 82, 176-185, doi: https://doi.org/10.1016/j.biopsycho.2009.07.005

66) **Mento, G.,** Suppiej, A., and Bisiacchi, P.S. (2009). When does right functional hemispheric lateralization arise? Evidence from preterm infants, *Nature Precedings,* http://hdl.handle.net/10101/npre.2009.3204.1. ISSN: 1756-0357.

2006

67) Rizzardi, E., De Benedittis, M., Franzoi, M., Boldrin, P., **Mento, G.**, Gharapetian, D., Chiandetti, L., Ermani, M., Orzan, E., Suppiej, A. (2006). Screening uditivo in terapia intensiva neonatale: peculiarità e metodologie. *Rivista Italiana di Medicina Perinatale* 8 (2), 7-11. ISSN: 1591-7592.

Book Chapters

1) **Mento, G.,** and Benavides-Varela, S. (2017). La prospettiva delle Neuroscienze cognitive dello Sviluppo. In: Il Cervello al lavoro: nuove prospettive in neuropsicologia, *eds.:* Bisiacchi, P. and Vallesi, A, Il Mulino.

Non-peer reviewed papers

1) Boldrin P. & **Mento, G**. Il cervello predittivo. La tensione del conoscere tra incertezza e aspettativa. *Scienza in rete, 30/04/2021*
2) **Mento, G.** Cervello e complessità. *Rivista La Chiave di Sophia* N.14 Anno VI | Febbraio – Maggio 2021
3) **Mento, G.** Iperconnessi: cosa sta succedendo al nostro cervello? *Rivista La Chiave di Sophia* N.25 Anno X | Ottobre 2024 – Gennaio 2025

Ph.D. Thesis

Mento, G. *Cognitive processing in preterm newborns: an ERP study*. Ph.D. Thesis. Available at URL: http://paduaresearch.cab.unipd.it/1385/

Peer-reviewed Published Abstracts

1) Del Popolo Cristaldi, F., Toffoli, L., Bariletti, I., Granziol, U., Borella, E., **Mento, G**. (2024, July). Adjusting Cognitive Control to Implicit Temporal Predictability: A Lifespan Study Spanning 5 to 82 Years. Poster presented at *2024 International Mind, Brain and Education Society Conference (IMBES)*, Leuven, BE.
2) Stefanelli, G., Toffoli, L., Manca, G., Del Popolo Cristaldi, F., Duma, G. M., Guidi, M., Incagli, F., Sbernini, L., Tarantino, V., **Mento, G.** (2024, July). Improving Adaptive Cognitive Control in 4 to 7-Year-Old Children Through School-Based Yoga-Mindfulness Interventions: An Exploratory Study in Italy. Poster presented at *2024 International Mind, Brain and Education Society Conference (IMBES)*, Leuven, BE.
3) 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].
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].
7) Toffoli, L., Stefanelli, G., Duma, G. M., Del Popolo Cristaldi, F., Tarantino, V., Danieli, A., CALM team, **Mento, G. (2024, March)**. Adattamento del controllo cognitivo alle caratteristiche di predicibilità del contesto: come funziona nell'ADHD? Video poster presented at *XX Giornate di aggiornamento sull'utilizzo degli strumenti in Psicologia Clinica dello Sviluppo*, Bologna, IT [hybrid].
8) Stefanelli, G., Toffoli, L., Duma, G. M., Del Popolo Cristaldi, F., Tarantino, V., Danieli, A., CALM team, M**ento, G.** (2024, March). Gestione dell'interferenza cognitiva nell'ADHD:
9) 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.
10) 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].
11) Stefanelli, G., Toffoli, L., Duma, G. M., Del Popolo Cristaldi, F., Pastore, M., Tarantino, V., Danieli, A., **Mento, G.** (2024, September). The developmental trajectories of adaptive cognitive control in typically developing children. Oral contribution presented at XXX National Conference of Associazione Italiana di Psicologia (AIP) – Sezione Sperimentale, Noto, IT.

12) 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.
13) **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)
14) 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].
15) 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].
16) 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.
17) **Mento, G.,** Duma, G. M., Stefanelli, G., Tarantino, V., Del Popolo Cristaldi, F., Danieli, A., Toffoli, L. (2024, July). Adaptive Cognitive Control in ADHD: Exploring the Influence of Contextual Predictability. Oral contribution in symposium presented at 2024 International Mind, Brain and Education Society Conference (IMBES), Leuven, BE.
18) Toffoli, L., Del Popolo Cristaldi, F., Duma, G. M., Tarantino, V., **Mento, G**. (2023, February). Can I afford one more candy? How motivational contexts shape Adaptive Cognitive Control in children. Oral contribution presented at 2023 Cognitive Science Arena (CSA), Brixen-Bressanone, IT.
19) 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].
20) 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.
21) **Mento, G.,** Duma, GM., Stefanelli, G., Tarantino, V., Del Popolo Cristaldi, F., Danieli, A. Toffoli, L. Adaptive Cognitive Control in ADHD: Exploring the Influence of Contextual Predictability. International Mind, Brain and Education Society (IMBES), 10-12/7/2024, Leuven (Belgium)
22) **Mento, G.,** Zdorovtsova, N., Epihova, G., Duma, GM., Del Popolo Cristaldi, F., Pastore M., Astle, D., Toffoli, L. Are Dynamic Brain State Transitions Reliable Markers of Individual Differences in Attention and Emotion regulation in Preschoolers? Congresso nazionale associazione italiana di Psicologia (AIP), sez. sperimentale. Noto (SR) 23-25/9/2024
23) **Mento, G**., Toffoli, L., Della Longa, T., Farroni, T., Del Popolo Cristaldi, F., Duma, G. Adaptive cognitive control in preterm children: an HD-EEG investigation. Congresso nazionale Società Italiana di Psicofisiologia (SIPF). Udine, 15-17/9/2022
24) **Mento, G.** Anticipatory mechanisms for adapting behavior: a multi-domain perspective. Simposio organizzato all'interno del congresso nazionale associazione italiana di Psicologia (AIP), sez. sperimentale. Padova 27-30/9/2022
25) **Mento, G.,** Apprendimento implicito e disturbi del neurosviluppo. Simposio organizzato all'interno del congresso nazionale associazione italiana per la ricerca e l'intervento nella psicopatologia dell'apprendimento (AIRIPA). Web conference 24-25/9/2021
26) **Mento, G.** Concerns and joys of doing EEG/ERPs research across development. LiveMEEG conference, Marseille, 5-9/10/2020
27) **Mento, G.,** Scerif, G., Granziol, U., Franzoi, M., Lanfranchi, S. The effect of local-global probabilistic context on implicit temporal expectation in Down Syndrome. Giornate di Neuropsicologia evolutive. Bressanone (BZ) 16-19/1/2020
28) **Mento, G.** Granziol, U., Duma, GM. Should i stay or should i go? the effect of local-global foreperiod probability on implicit motor preparation: a neurophysiological investigation. European Society of Cognitive Psychology (ESCOP). Tenerife, 25-28/9/2019

29) **Mento, G.**, Cutini, S., Sessa, P., Chierchia, C., Baggio, M., Duma, GM., Dell'Acqua, R., Scerif, G. The interaction between temporal orienting of attention and visual working memory:
a dense-array EEG study. Cracow Cognitive Science Conference (CCSC) 11-12/5/2019

30) **Mento, G.,** Scerif, G., Lanfranchi, S. Temnporal attentionin atypical cognitive development: the case of Down syndrome. European Conference on PsychologicalTheory and Research on Intellectual and Developmental Dysabilities. (ECCID). Padova 28-30/6/2018

31) **Mento, G**., Timeo, S., Fronza, E., Farroni, T., Categorical perception of ethnicity: a neurodevelopmental perspective. Congresso nazionale Società Italiana di Psicofisiologia (SIPF). Roma, 16-18/11/2017

32) **Mento, G**., Cutini, S., Sessa, P., Chierchia, C., Baggio, M., Dell'Acqua, R., Scerif, G. (2017). Does temporal orienting impact visual short-term memory? A high spatial resolution EEG study. Cognitive Neuroscience of Executive Functions conference (CNEF 2017)., 28-30/9/2017, Padova, Italy.

33) **Mento, G**. (2017). Disentangling between Voluntary and Automatic Temporal Orienting:
a high spatial-resolution ERP study. Timing Research Forum. 23-24/10/2017, Strasbourg, France.

34) **Mento, G**., Scerif, G., Bovo, F., Meneghel, A., Visentin, J., Lanfranchi, S. Attenzione temporale nello sviluppo atipico: il caso della Sindrome di Down (2017). Presentato a: L'approccio Neurocostruttivista, riflessioni teoriche, metodologie di ricerca e implicazioni cliniche ed educative. 9/6/2017, Bologna, Italy.

35) Fronza, E., Timeo, S., **Mento, G.,** Farroni, T., (2017). Sviluppo della percezione categoriale dell'etnia: un approccio neurocostruttivista. Presentao a: L'approccio Neurocostruttivista, riflessioni teoriche, metodologie di ricerca e implicazioni cliniche ed educative. Bologna, 9/6/2017

36) Mennella, R., Sarlo, M., Messerotti Benvenuti, S., Buodo, G., **Mento, G.**, Palomba, D. (2017). Conflicting motivational tendencies in blood phobia: a time-frequency study of response inhibition. LVII SPR – Society for Psychophysiological Research. 12/10/2017, Vienna, Austria.

37) Duma, GM., Mento, G., Manari, T., Martinelli, M., Tressoldi, P. (2016). Driving with Intuition: EEG anticipation of simulated random car accidents. Symbiotic 2016, 29-30/9/2016, Padova.

38) Baggio, M., **Mento, G**., Scerif, G. (2016). Is the maintenance of information in Visual Short-Term Memory improved by temporal attention? Oxford Autumn School in Cognitive Neuroscience. 29/9/2016, Oxford, Uk.

39) **Mento, G.,** Baggio, M., Valenza, E. (2016). "Peek-a-boo!". Spatiotemporal neurodynamics of temporal expectancy in infants and adults. CogEvo 2016 – Rovereto Workshop on Cognition and Evolution. 6-9/6/2016, Rovereto, Italy.

40) **Mento, G**., Baggio, M., Valenza, E. (2015). Orienting attention in time: spatiotemporal neurodynamics of temporal expectancy in infants and adults. 5-8/11/2015, RAW 2015 – Roverweto Attention Workshop, Rovereto, Italy.

41) **Mento, G.,** Spatio-temporal neural signatures of Temporal Prediction in children: a HD-ERP study. XXXIII EWCN- European Workshop on Cognitive Neuropsychology. 26-30/01/2015, Bressanone, Italy.

42) **Mento, G.,** Tarantino, V., Valesi, A., Bisiacchi, P.B. Spatiotemporal neurodynamics underlying internally- and externally-driven temporal prediction: a high spatial resolution erp study. XXII congresso della Società Italiana di Psicofisiologia (SIPF). 27-30/11/2014, Firenze, Italy.

43) Ronconi, L., Vignali, L., Gori, S., **Mento, G.**, Facoetti, A. Neural dynamics of the attentional "zoom-lens" as revealed by dense-array EEG, FENS – Federation of European Neuroscience Societes 2-5/6/2014, Milan.

44) **Mento, G.,** Tarantino, V., Borziello I., Vallesi, A., Bisiacchi, P. (2013). Informatività del cue e funzione cumulativa d'azzardo nell'orientamento temporale dell'attenzione: uno studio hd-erp. XIX Congresso nazionale dell'Associazione Italiana di Psicologia (AIP), sezione sperimentale, 16-18 Settembre 2013, Roma, Italy.

45) Buodo, G., Sarlo, M., **Mento, G.**, Messerotti Benvenuti S., Palomba, D. "Ready, steady, stop! The neural correlates of response inhibition to unpleasant stimuli". LIII Society for Psychophysiological research (SPR) meeting. 2-3/10/2013, Florence, Italy.

46) Di Giorgio, E. and **Mento, G.**, *"The Inversion Effect for Human Faces and Bodies: Same or Different? An ERP Investigation"*. XXXI EWCN- European Workshop on Cognitive Neuropsychology. 20-25/01/2013, Bressanone, Italy.

47) **Mento, G.**, Tarantino, V., Sarlo, M and Bisiacchi, P.S. *"The more i wait the more i process": a high-density event-related study on the automatic expectancy-related brain activity.* XX congresso della Società Italiana di Psicofisiologia (SIPF). 22-24/11/2012, Venezia, Italy.

48) Buodo, G., **Mento, G.,** Sarlo, M., Palomba, D. Elaborazione di espressioni facciali emozionali in soggetti disforici: uno studio erp. XX Congresso nazionale dell'Associazione Italiana di Psicologia (AIP), sezione sperimentale, 20-23 Settembre 2012, Chieti, Italy.

49) **Mento, G.,** Tarantino, V., Sarlo, M., Bisiacchi, P.B. Passive temporal monitoring as reflected by cnv time-course: a high density event-related potential study. XVIII BIOMAG- BioMagnetism conference. 26-30 September, 2012. Paris, France.

50) **Mento, G.**, Sarlo, M., Tarantino, V., Bisiacchi, P.S. Un nuovo paradigma per lo studio dei correlati elettrofisiologici dell'elaborazione temporale implicita. XIX Congresso nazionale dell'Associazione Italiana di Psicologia (AIP), sezione sperimentale, 16-19 Settembre 2012, Catania.

51) Di Giorgio, E., Ghirardi, V., **Mento, G.** Entità dell'effetto inversione per volti, corpi e case: Uno studio ERP. XIX Congresso nazionale dell'Associazione Italiana di Psicologia (AIP), sezione sperimentale, 16-19 Settembre 2012, Catania, Italy.

52) Tarantino, V., Basso, D., **Mento, G.,** Bisiacchi, P.S. *The role of frontoparietal circuit in time discrimination: a rTMS study,* XVI HBM- Human Brain Mapping, 06-10/06/2010, Barcelona.

53) **Mento, G.**, Tarantino, V., Bisiacchi, P.S. *Neuropsychological profile of infantile Duchenne Muscular Dystrophy***.** XXVIII EWCN- European Workshop on Cognitive Neuropsychology. 24-29/01/2010, Bressanone, Italy

54) Suppiej, A., Cappellari, A., **Mento, G.**, Traverso, A., Cainelli, A., Zanardo, V., Bisiacchi., P.S. *Auditory event-related potentials in preterm infants recorded in quiet and active sleep.* VIII European paediatric neurology society congress. Harrogate international centre. United Kingdom 30 September-3 October 2009. *European Journal of Paediatric Neurology*, *Volume 13, Supplement 1*, *September 2009*, *Page S37.*

55) **Mento, G.**, Suppiej, A., Bisiacchi, P. S. *Lateralizzazione funzionale destra in età neonatale: uno studio elettrofisiologico.* XV Congresso nazionale dell'Associazione Italiana di Psicologia (AIP), sezione sperimentale**,** 24-26 Settembre 2009, Chieti, Italy.

56) Palmieri, A., Manara, R., Bello, L., **Mento, G.,** Lazzarini, L., Borsato, C., Ermani, M., Pegoraro, E., Angelini, C. *Cognitive and neuroradiological profile in LGMD-2I*. 21-25 Novembre 2009, Padova, XL Congresso della Società Italiana di Neurologia.

57) Palmieri, A., Bello, L., Lazzarini, L., **Mento G.**, Borsato, C., Ermani, M., Manara, R., Pegoraro, E., Angelini, C. *Cognitive profile in LGMD-2I*. XIII EFNS -European Federation of Neurological Societies- Congress, Florence, Italy, September 2009.

58) **Mento, G.,** Tarantino, V., Bisiacchi, P.B. *Subtle Executive Function impairment in HIV-infected and treated phenylketonuric children: a comparison*. XVI ESCOP- European Society for Cognitive Psychology. 2-6/09/2009, Krakow, Poland.

59) **Mento, G.,** Suppiej, A., Bisiacchi, P.S. *Functional hemispheric asymmetries in preterm newborns: an event-related potentials study.* XXVII EWCN- European Workshop on Cognitive Neuropsychology. 25-30/01/2009, Bressanone.

60) Bisiacchi, P.S., Mento, G., and Suppiej, A. Auditory Event-*related potentials as a function of gestational age in preterm newborns*, CNS- Cognitive Neuroscience Society 2008. San Francisco (USA).

61) **Mento, G.** *Auditory Event-Related Potentials* maturation as a function of gestational age in preterm newborns. Doctorate School meeting. 3/12/2007. Department of General Psychology. University of Padova.

62) Bisiacchi P.S., **Mento, G.**, Suppiej, A. (2008). *The relationship between maturational factors and auditory cortical processing: an ERP study*. Journal of Cognitive Neuroscience, suppl. 34, 183-F40.

63) **Mento**, **G.,** Suppiej, A., Bisiacchi, P.S. *Cortical auditory event-related potentials in preterm newborns infants: maturational and clinical factors* (2007)*.* Neural Plasticity Hindawi Publishing Corporation Volume 2007, Article ID 23250, 98 page doi:10.1155/2007/23250.

64) **Mento**, **G.,** Suppiej, A., Bisiacchi, P.S. *Cortical auditory event-related potentials in preterm newborns infants: maturational and clinical factors* (2007)*.* Neural Plasticity Hindawi Publishing Corporation Volume 2007, Article ID 23250, 98 page doi:10.1155/2007/23250.

65) Cappellari, A., **Mento**, G., Zanardo, V., Franzoi, M., Rizzardi, E., De grandis, D., Bisiacchi, P.S., Suppiej. A. *Potenziali uditivi evento-correlati in età neonatale.* Congresso Nazionale SINC Palermo, may 2007, Palermo.

66) Cappellari, A., Cogo, P., **Mento**, **G.,** Suppiej, A. *Ruolo prognostico dei potenziali evocati nell'encefalopatia ipossico-ischemica nel bambino.* Congresso Nazionale SINC Palermo, may 2007, Palermo.

67) **Mento**, **G.**, Suppiej, A., Bisiacchi, P. S. *Potenziali Evocati nel neonato prematuro.* Giornata di studio sulla Neuropsicologia ed i disturbi dell'apprendimento in età evolutiva. Organizzato per il Master in psicopatologia evolutiva. 26/05/2006

68) Rizzardi, E., Franzoi, M., Boldrin, P., De Benedittis, M., **Mento**, G., Chiandetti, L., Ermani, M., Orzan, E., Suppiej, A. *Screening uditivo in terapia intensiva neonatale: peculiarità e metodologie*. Congresso di Neurologia Pediatrica, Ottobre 2005, Pavia.

69) **Mento**, **G.**, Bisiacchi, P.S., Rizzardi, E., Franzoi, M., Suppiej, A. *Influenza dello stato comportamentale sui potenziali evocati da paradigma Odd-ball uditivo in età neonatale*. Congresso di Neurologia Pediatrica, Ottobre 2005, Pavia.

Major Invited Presentations

Invited Speaker

1) Mento, G., Dal cervello reattivo al cervello predittivo, implicazioni per lo sviluppo neurocognitivo tipico e atipico. Invited by Prof. Paola Viterbori, Department of Educational Science (Disfor), University of Genova, Italy, 25/3/2019.
2) **Mento, G.** The anticipatory brain: a developmental cognitive neuroscience perspective. Montreal Neurological Institute (MNI). Invited by Prof. Silvain Baillet, Neurospeed Lab, 27/9/2018
3) **Mento, G.** Apprendimento implicito e flessibilità cognitiva: una prospettiva evolutiva. AIP sezione di Psicologia dello Sviluppo, Torino, 18/9/2018
4) **Mento, G.** The anticipatory brain: a developmental cognitive neuroscience perspective. Universitat de Barcelona, invited by Prof. Ruth de Diego-Balaguer, 12/6/2017
5) **Mento, G.** Implicit learning e aspettativa temporale: una prospettiva neuroevolutiva. AIP sezione di Psicologia dello Sviluppo, Vicenza, 8-10/9/2016
6) **Mento, G.** From scalp to cortex: the High-spatial resolution EEG as neuroimaging tool. 7/7/2015. Department of Neurosciences. University of Padova
7) Mento, G., Spatiotemporal neural signatures of temporal predictions. Attention to Time workshop. 17-18/10/2014. Padova, Italy.
8) **Mento**, **G.** *Sviluppo neurocognitivo del prematuro: ruolo dell'esperienza e nuove linee di ricerca e intervento clinico.* Giornata di studio sulla Neuropsicologia ed i disturbi dell'apprendimento in età evolutiva. Organized for the Master in developmental psychopatology. 26/05/2012
9) **Mento, G.,** *Auditory central processing in preterm newborns: electrophysiological evidence.* The Institute of Neuroscience and Cognition. Universitè "Descartes", Paris. 12/4/2012
10) **Mento, G**. *Cognitive processing in preterm newborns: electrophysiological evidence*. Departement of anatomy and physiology: University of Verona. Verona. 29/10/2010
11) **Mento, G.** *Markers elettrofisiologici precoci nello sviluppo tipico e atipico del linguaggio*. Giornata di studio sullo sviluppo tipico e atipico del linguaggio: tecniche e strumenti di valutazione. Organizzata da Fondazione Marika De Vincenzi o.n.l.u.s. Rovereto. 23/10/2009
12) **Mento, G.** *Il cervello che cresce: basi neurali dello sviluppo cognitivo.* Mente e cervello. Iniziativa nell'ambito della Brain Awareness Week. Scuola Galileana di Studi Superiori. Padova. 17/03/2009.
13) **Mento**, **G**. *Potenziali Evocati nel neonato prematuro.* Giornata di studio sulla Neuropsicologia ed i disturbi dell'apprendimento in età evolutiva. Organized for the Master in developmental psychopatology. 26/05/2006

Competencies

Languages:

1) Italian (mother tongue);
2) English (understanding, speaking and writing: proficient);
3) French (understanding, speaking and writing: proficient);

Computer proficiency:

- Programming languages: Matlab (The Mathworks).
- Softwares for experiments: E-Prime (Psychology Software Tools, Inc.).

- Systems for multichannel EEG/ERPs recording and analysys: EGI, NeuroScan, Micromed, EBNeuro, NetStation,
- Softwares for Neuroimaging analysis: Statistical Parametric Mapping (Wellcome, UK), Brainvisa, Brainstorm, Cartool, EEGlab, ERPLab, FieldTrip
- Softwares for statistic analysis: SPSS, JASP.

Padova, 22/4/2025 **Prof. Giovanni Mento**