

CURRICULUM VITAE ET STUDIORUM

Dr. Giovanni Mento



Family name, First name: **Mento Giovanni**

Date of birth: **10th of March 1980**,

Nationality: **Italy**

Affiliation:

Department of General Psychology, University of Padova, Padova, Italy

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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.it/citations?user=zVDNBsAAAAJ&hl=it>

EDUCATION

April 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.

January 2006–December 2008: Three-year Ph.D. in Psychological Sciences (curriculum in Psychobiology) at the Department of General Psychology, University of Padova (Italy). Supervisor: Prof. P.S. Bisiacchi,

June 2005: Five-year master in Psychology. Department of General Psychology, University of Padova, Italy

CURRENT POSITION

January 2020 to present: Researcher on a fixed-term contract of type ‘B’ (with tenure track for associate professor), Department of General Psychology, University of Padova, Italy

PREVIOUS POSITIONS

2017–2020: Researcher on a fixed-term contract of type ‘A’. Department of General Psychology, University of Padova, Italy

2016–2017: two-year post-doc position at the Department of General Psychology, University of Padova. Title of the project: “Exploiting psychophysiological anticipatory effects for Decision Support Systems” (granted by Bial Foundation, responsible Prof. P. Tressoldi, project code PT/FB/BL-2012-124\$)

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 (Senior position; funded by the “Young Scientists Project” grant to Giovanni Mento, University of Padova) at the Department of General Psychology, University of Padova. Title of the project: “Neural correlates of time processing in typical and atypical development: a high-density event-related potentials study

2011–2013: Post-doc at the 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. (Italian law n° 449/1997) research position at the Department of General Psychology, University of Padova (Italy). Title of the project: “Neural networks involved in time and magnitude discrimination: a co-registration erp/tms study”.

2008 – 2009: Visiting Ph.D. student (9 months) in EEG/ERPs and fMRI investigations in infants and children at the INSERM-CEA ‘Cognitive Neuroimaging unit’ NeuroSpin, Saclay (Paris). Director: Prof. Stanislaw Dehaene. Local supervisor: Professor Ghislaine Dehaene-Lambertz.

September 2005–September 2006: Post-degree psychological training at the “Neuropsychology and Infantile Neuropsychiatry Unit” of the Paediatric Department, University of Padova.

June 2004–June 2005: Internship at the Neonatal Intensive Care Unit (NICU) of Paediatric Department, University of Padova.

April–September 2002: Psychological training at the psychiatry division of ‘Complesso socio-sanitario dei colli’, ULSS 16, Padova.

RESEARCH ACTIVITY

RESEARCH FIELDS

Cognitive Neurosciences. Developmental Cognitive Neurosciences. Developmental Neuropsychology.

RESEARCH TOPICS

Cognitive control, attention and executive function development, brain anticipatory/predictive activity, temporal expectancy, Neurodevelopmental disorders (ADHD, Learning disorders)

TECHNICAL/METHODOLOGICAL 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:

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

2007-2008: ‘Cognitive Neuroimaging Group’, Neurospin, Paris. EEG system: 128-channel High-density, high-impedance EEG system (Electrical Geodesic Instruments).

2008-2010: Department of General Psychology, University of Padova, EEG lab. EEG system: 32/64 channel (Micromed).

2011-2013: Department of General Psychology, University of Padova, EEG lab E09. EEG system: 19/32/64-channel (Neuroscan).

2010-onwards: Department of General Psychology, lab EGI-GES 300. EEG system: 128-channel High-density, high-impedance EEG system (Electrical Geodesic Instruments).

GRANTS AND AWARDS

March 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

February 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: “*Spatiotemporal neurodynamics of temporal expectancy in infants and adults*”.

April 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 atypical development: a high-density event-related potentials study*”.

November 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.*”

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

September 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*”.

PAST AND CURRENT 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 and Neuroscience, King's College London, London, UK;
- Prof. Shimin Fu, Guangzhou University, China;
- Dr. Clément Francois, University of Marseille, France

Member of:

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

Editor of:

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

Ad hoc 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

ORGANISATION OF SCIENTIFIC MEETINGS

2021 to present: Scientific panel, International congress “Cognitive Science Arena (CSA)”, July 2021, Brixen, Italy (<https://cogsci.unibz.it/index.html>)

2014 Organizational committee of the international workshop entitled “Attention to time”, October 2014 / Padova, Italy

TEACHING ACTIVITY

Teacher in charge of the following courses

2018-currently

- Assistant Professor of “*Electrophysiological recording and analysis*” at the Master Degree course in “Cognitive neuroscience and clinical neuropsychology” [ps1932] (Im, d.m. 270/2004), CN2, 2 CFU. School of Psychology, University of Padova.
- Assistant Professor of “*Analisi spazio-temporale dell'attivita' elettroencefalografica in neuroscienze cognitive*” at the Master Degree course in “Neuroscienze e riabilitazione neuropsicologica” [ps1091] (Im, d.m. 270/2004), M1c, 2 CFU. School of Psychology, University of Padova.

2017-currently

- Assistant Professor of “*Neuropsicologia dello Sviluppo*” (“Developmental Neuropsychology”) at the Master Degree course in “Psicologia clinica dello sviluppo” [ps2292] (Im, d.m. 270/2004)” (Clinical Developmental Psychology, MPCs, 6 CFU. School of Psychology, University of Padova

2013-2017

- Holder of the course (100 hours in total) entitled ‘*HD-EEG data acquisition and analysis*’ (‘*Acquisizione e analisi di dati elettroencefalografici ad alta densità*’). Advanced Courses for Research (CARS), University of Padova.

2013. Holder of the course (20 hours) in ‘*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

2008-onwards: declared ‘*Cultore della materia*’ (‘specialist’) for the following courses_of the University of Padova:

- Psicobiologia dello sviluppo (Developmental Psychobiology),
- Neuropsicologia dello sviluppo (Developmental Neuropsychology),

2008-2016 Invited lectures for the following courses:

- ‘*Psicologia e psicofisiologia della percezione e dell'attenzione*’, 2015-2016, held by Prof. Manila Vannucci, University of Firenze.
- Human electrophysiology, 2014-2015 (2 hours), held by Prof. Paola Sessa. University of Padova
- ‘*Developmental Cognitive Neuroscience*’, 2013-2014 (8 hours), held 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.

Supervisor of the following post-graduate students:

2017 to present: 2 Phd student (Dr. Tong Xie, Dr. Lisa Toffoli). Department of General Psychology. University of Padova, Italy (international fellowship with the University of Guangzhou, China;

2 Post-doc students (Dr. Gian Marco Duma, Dr. Umberto Granzio). Department of General Psychology. Co-supervisors of 3 Phd-Students (Dr. Gian Marco Duma, Dr. Letizia Della Longa,

Dr. Fiorella Del Popolo Cristaldi), 2018 Local supervisor of 2 following visiting PhD students/Post-Doc fellows (Dr. Francesca Siri, University of Parma, Italy; Dr. Francisco Ruiz Martinez, University of Seville, Spain)

2017 to present Supervisor of more than 60 master students at the University of Padova, Italy.

Local supervisor of the following visiting PhD students/Post-Doc fellows

Dr. Francesca Siri (University of Parma, Italy)

Dr. Francisco Ruiz Martinez (University of Seville, Spain)

INSTITUTIONAL ACTIVITY

2017 to present: Faculty member. School of Psychology, University of Padova, Italy

2017 to 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 “Eugenio Medea/La Nostra Famiglia”, Conegliano Veneto, Treviso, Italy. Research Project “*Analisi dei segnali EEG ad alta densità e del profilo neuropsicologico per la selezione dei pazienti con epilessia invalidante e farmacoresistente per la chirurgia dell'epilessia*”.

2017 to present: Scientific Committee of the Interdepartmental (DPG-DPSS) High-density EEG lab, University of Padova

2017 to present: Faculty member. Short degree in Clinical Neuropsychology. University of Padova, Italy

2018 to 2022: Vice-president of the Ethical Committee of the of the School of Psychology 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*”). Invited

by Prof. Ruth de Diego Balaguer, Department of Cognition, Development and Educational Psychology, University of Barcelona.

2020 to present: Faculty member. Doctorate school in Psychological Science, University of Padova, Italy

LIST OF PUBLICATIONS

Peer-reviewed papers

2022

- 1) Duma, G., Danieli, A., Mattar, M., Baggio, M., Vettorel, A., Bonanni, P., **Mento, G.** Resting state network dynamic reconfiguration and neuropsychological functioning in temporal lobe epilepsy: an HD-EEG investigation. (in press). *Cortex*
- 2) Sessa, P., Schiano Lomoriello, A., Duma, G.M., **Mento, G.**, De Stefani, E., Ferrari, P.F. (in press). Degenerate pathway for processing smile and other emotional expressions in congenital facial palsy: An hdEEG investigation. *Philosophical Transactions of the royal society B*.
- 3) Tasca, I., Guidi, M., Turriziani, P., **Mento, G.**, Tarantino, V. (in press). Behavioral and socio-emotional disorders in intellectual giftedness: a systematic review. *Child Psychiatry and Human Development*
- 4) **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>
- 5) Del Popolo Cristaldi F, Granzio U, Bariletti I, **Mento G.** Doing Experimental Psychological Research from Remote: How Alerting Differently Impacts Online vs. Lab Setting. *Brain Sciences*. 2022; 12(8):1061. <https://doi.org/10.3390/brainsci12081061>
- 6) **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>
- 7) 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>
- 8) 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>
- 9) 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>
- 10) 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>
- 11) 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

- 12) 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>
- 13) 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>
- 14) 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>
- 15) 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, doi: <https://doi.org/10.6084/m9.figshare.13560569>.
- 16) 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>
- 17) 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>
- 18) 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>
- 19) 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>
- 20) 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

- 21) 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>
- 22) 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>

- 23) 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>
- 24) **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>
- 25) **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

- 26) Timeo, S., **Mento, G.**, Fronza, E., Farroni T. (2019). Acquisition of 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>
- 27) 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>
- 28) 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>
- 29) **Mento, G.**, Scerif, G., Granziol, U., Franzoi, M., Lanfranchi, S., (2019), Dissociating top-down and bottom-up temporal attention in Down syndrome: a neuroconstructive perspective, *Cognitive Development*, 49, 81-93. Doi: <https://doi.org/10.1016/j.cogdev.2018.12.004>

2018

- 30) 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>
- 31) 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>
- 32) **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

- 33) **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>
- 34) 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>

- 35) 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>
- 36) 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. <https://doi.org/10.1371/journal.pone.0170370>

2016

- 37) **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>
- 38) **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

- 39) 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>
- 40) 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>
- 41) **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>
- 42) **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>
- 43) 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>
- 44) **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
- 45) 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>
- 46) 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

- 47) **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>
- 48) **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>
- 49) **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

- 50) **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

- 51) **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>
- 52) 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

- 53) 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>
- 54) **Mento, G.**, Suppiej, A., Altoè, G., Bisiacchi, P.S. (2010). Functional hemispheric asymmetries in humans: electrophysiological 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

- 55) 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>
- 56) **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

- 57) 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

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) **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.
- 2) **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.
- 3) **Mento, G.**, Scerif, G., Bovo, F., Meneghel, A., Visentin, J., Lanfranchi, S. Attenzione temporale nello sviluppo atipico: il caso della Sindrome di Down (2017). Presentao a: L'approccio Neurocostruttivista, riflessioni teoriche, metodologie di ricerca e implicazioni cliniche ed educative. 9/6/2017, Bologna, Italy.
- 4) 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
- 5) 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.
- 6) 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.
- 7) 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.
- 8) **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.
- 9) **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.
- 10) **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.
- 11) **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.
- 12) 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 Societies 2-5/6/2014, Milan.

- 13) **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.
- 14) 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.
- 15) 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.
- 16) **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.
- 17) 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.
- 18) **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.
- 19) **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.
- 20) 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.
- 21) 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.
- 22) **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
- 23) 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*.
- 24) **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.
- 25) 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.
- 26) 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.
- 27) **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.
- 28) **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.
- 29) 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).

- 30) **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.
- 31) 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.
- 32) **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.
- 33) **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.
- 34) 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.
- 35) 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.
- 36) **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
- 37) 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.
- 38) **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.

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 psychopathology. 26/05/2012
- 9) **Mento, G.**, *Auditory central processing in preterm newborns: electrophysiological evidence*. The Institute of Neuroscience and Cognition. Université "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 psychopathology. 26/05/2006

Media Coverage

Press review: informative articles in print and online

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>

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>

2019

- 1) “*Genere e cervello: perche non e solo una questione biologica*”, Interviewed by the magazine “Il Bo Live”, 2019, link: <http://ilbolive.unipd.it/it/news/genere-cervello-perche-non-solo-questione>

2014

- 1) “*Il tempo nella mente*”, Interviewed by the magazine “Plank”, 4, 2014, ISBN: 9788867873326 link: <https://www.planck-magazine.it/index.php/le-uscite>

Professional courses attended.

- 19-21/10/2006 ‘Introduction to event-related potentials in language research’. Organized by Associazione Italiana di Psicologia (AP), Bertinoro.
- 8-10/10/2007 ‘La Risonanza Magnetica Funzionale (fMRI): principi e applicazioni’ (Functional fMRI: principles and applications). Organized by Associazione Italiana di Psicologia (AIP). Bertinoro.

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 analysis: 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, 05/09/2022

Prof. Giovanni Mento

