

CURRICULUM VITAE ET STUDIORUM

Dr. Giovanni Mento

Born in March, the 10th, 1980, in Messina (ME), Italy. Married, two children.

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CAREER

March 2017-February 2020

Fixed-term Researcher (Italian law n° 240/2010; comma a) at the Department of General Psychology. University of Padua.

April 2016-February 2017: Post-Ph.D. (Italian law n° 240/2010) at the Department of General Psychology. University of Padova. Supervisor: Prof. P. Tressoldi.

Title of the project: "Exploiting psychophysiological anticipatory effects for Decision Support Systems".

May 2013-April 2015: Post-Ph.D. (Senior position; Italian law n° 240/2010) at the Department of General Psychology. University of Padova. Supervisor: Prof. P. Bisiacchi

Title of the project: "Neural correlates of time processing in typical and atypical development: a high-density event-related potentials study"

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

May-2011- April 2013: Post-Ph.D. (Italian law n° 449/1997) at the Department of General Psychology. University of Padova. Supervisor Prof. G. Buodo

Title of the project: "È possibile ridurre i sintomi d'ansia nei bambini con inibizione comportamentale? il training di modificazione del bias attentivo"

February-March-2011: Visitor at the Neurological, Neuropsychological, Morphological and Movement Sciences Department, University of Verona (Italy)

January 2009-January 2011: Post-Ph.D. (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".

April 2009: Ph.D. in Psychological Sciences (curriculum in Psychobiology). Title of the Ph.D. Thesis: with the dissertation: *Cognitive processing in preterm newborns: an ERP study*. University of Padova, Italy.

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

December 2007-July 2008: Visiting Ph.D. student in EEG/ERPs and fMRI investigations in infants and children at the INSERM-CEA ‘Cognitive Neuroimaging unit’ CEA/SAC/DSV/DRM/NeuroSpin, Saclay (Paris) held by Prof. Stanislaw Dehaene. External 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 2005: Graduation in Clinical and Community Psychology. University of Padova (vote 109/110). Title: *Potenziali evocati nel neonato prematuro (Evoked Potentials in preterm newborns)*, Supervisor: Prof. P.S. Bisiacchi, Department of General Psychology, University of Padova, Italy.

June 2004-June 2005: Experience at the Neonatal Intensive Care Unit (NICU) of Paediatric Department. University of Padova.

April 2002-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

Brain anticipatory activity, Temporal expectancy, Time processing, Attention and Executive Function Development.

Current research

Neural correlates of temporal expectancy in typical and atypical development (children and infants): a high-density event-related potentials study.

Technical expertise

- Conventional (19-64 channels) and High-Density (128 channels) Electroencephalography data recording and analysis in adult, children and infant populations.
- Brain source modeling with distributed approach (sLORETA, wMNE, SPM within Brainstorm software).

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

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 :

- 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 and Prof. Eloisa Valenza, Prof. Alessandra Simonelli)
- Executive Function Lab, Padova (Prof. Antonino Vallesi)
- Prof. Silvia Lanfranchi, Padova
- Science of Consciousness Research Group, Padova (Prof. Patrizio Tressoldi)
- Department of Pediatrics, Padova (Dott.ssa Agnese Suppiej)
- Department of Neuroscience, Padova (Prof. Sorarù, Prof.ssa Palmieri)

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

Member of:

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

Ad hoc reviewer:

Neuroscience Journals

- Cortex
- Cerebral Cortex
- Neuroimage
- Neuroreport
- Frontiers in Human Neuroscience
- Frontiers in Behavioural Neuroscience
- Biological Psychology
- Neuroscience BioBehavioural Review (NBBR)

Developmental Journals

- Developmental Science
- 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

TEACHING ACTIVITY

2017/2018.

Assistant Professor of “Electrophysiological recording and analysis” at the Master Degree course in “Cognitive Neuroscience and Neuropsychology” (CN2), 2 CFU. School of Psychology, University of Padova.

Assistant Professor of “Neuropsicologia dello Sviluppo” (“Developmental Neuropsychology”) at the Master Degree course in “Psicologia Clinica dello Sviluppo” (Clinical Developmental Psychology). (MPCS), 6 CFU. School of Psychology, University of Padova

2016/2017.

Assistant Professor of “Neuropsicologia dello Sviluppo” (“Developmental Neuropsychology”) at the Master Degree course in “Psicologia Clinica dello Sviluppo” (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.

Padova.

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

Co-supervisor of the following graduation thesis:

- “Visual temporal discrimination in Parkinson’s disease: an electrophysiological study”. Student: Valeria Pes. Supervisor: Prof. Mapelli.
- “Passive temporal discrimination paradigm: an ERP study”. Student Debora Prosdocimo. Supervisor: Prof. Bisiacchi.
- “Processing of emotional visual stimuli in dysphoric individuals: a study with event-related potentials. Student: Federica Ariano. Supervisor: Prof. Buodo.
- “The processing of emotional faces in dysphoric individuals: a study with event-related potentials. Student: Francesca Cigarini. Supervisor: Prof. Buodo.
- “Mechanisms underlying attentional orienting over time: a HD ERP study”. Student: Irene Borziello. Supervisor: Prof. Bisiacchi.
- “Mechanisms underlying attentional orienting over time: a study in developmental age”. Student: Federica De Osti. Supervisor: Prof. Bisiacchi
- “Temporal prediction in infants: a HD-ERP investigation”. Student: Martina Baggio. Supervisor: Prof. Valenza

INSTITUTIONAL ACTIVITY

- Member of the Scientific Committee of the Interdepartmental (DPG-DPSS) High-density EEG lab, University of Padova
- Member of the Scientific Committee of the Interdepartmental (DPG-DPSS) High-density EEG lab, University of Padova of the School of Psychology of the University of Padova, Italy.
- 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.

LIST OF PUBLICATIONS

Ph.D. Thesis

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

Peer-reviewed published papers

- 1) **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: 10.1016/j.neuropsychologia.2017.10.037
- 2) **Mento, G.**, and Benavides-Varela, S. (2017). La prospettiva delle Neuroscienze cognitive dello Sviluppo. In : Il Cervello al lavoro: nuove prospettive in neuropsicologia , ed.:Bisiacchi, P. and Vallesi, A, Il Mulino.
- 3) Mennella, R., Sarlo, M., Messerotti Benvenuti, S., Buodo, G., **Mento, G.**, Palomba, D. The two faces of avoidance: Time-frequency correlates of motivational disposition in blood phobia., *Psychophysiology*, (accepted for publication).
- 4) Duma, G., **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*,
- 5) **Mento, G.** and Valenza, E. (2016). Spatiotemporal neurodynamics of automatic temporal expectancy in 9-month old infants. *Scientific Reports*, 6, 36525 doi: 10.1038/srep36525 (2016).
- 6) **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: 10.1016/j.dcn.2016.02.008
- 7) 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: 10.1016/j.ijpsycho.2015.10.006
- 8) 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*, 24, 1-12. doi: 10.1080/02699931.2015.1089842
- 9) **Mento, G.** and Tarantino, V. (2015). Developmental trajectories of internally and externally driven temporal prediction, *Plos One*, 10(8), e0135098. doi: 10.1371/journal.pone.0135098
- 10) **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: 10.3978/j.issn.2224-4336.2015.06.02.
- 11) 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: 10.1016/j.clinph.2014.12.012.

- 12) **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: 10.1162/jocn_a_00715. DOI:10.1162/jocn_a_00715. ISSN: 0898-929X
- 13) 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: 10.1136/jnnp-2014-307654 ISSN: 0022-3050
- 14) 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: 10.1080/02699931.2014.926862. ISSN: 1464-0600.
- 15) **Mento, G.**, (2013). The Passive CNV: carving out the contribution of task-related processes from expectancy, *Frontiers in human neuroscience*, 7, 827. doi: 10.3389/fnhum.2013.00827. ISSN: 1662-5161.
- 16) **Mento, G.**, Tarantino, V., Sarlo, M., Bisiacchi, P. (2013). Automatic temporal expectancy: a HD-ERP study, *Plos One*, 8(5), e62896. doi: 10.1371/journal.pone. ISSN: 1932-6203.
- 17) **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:10.1449/73825. ISSN: 1824-078X.
- 18) **Mento, G.**, Bisiacchi, P.B. (2012). Neurocognitive development in preterm infants: insights from different approaches, *Neuroscience & Biobehavioral Reviews*, 36(1), 536-55. doi:10.1016/j.neubiorev.2011.08.008. ISSN: 0149-7634.
- 19) **Mento, G.**, Tarantino, V., Bisiacchi, P.S. (2011). The neuropsychological profile of infantile Duchenne muscular dystrophy, *The Clinical Neuropsychologist*, 25(8), 1359-77. doi: 10.1080/13854046.2011.617782. ISSN: 1744-4144.
- 20) 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: 10.1007/s00415-011-5930-3. ISSN: 1432-1459.
- 21) 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: 10.1016/j.earlhumdev.2010.09.002. ISSN: 0378-3782.
- 22) **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:10.1111/j.1460-9568.2010.07076.x. ISSN: 1460-9568.

- 23) Bisiacchi, P.S., **Mento, G.**, Suppiej, A. (2009). Cortical auditory processing in preterm newborns: an ERP study, *Biological Psychology*, 82, 176-185. doi:10.1016/j.biopsycho.2009.07.005. ISSN: 0301-0511.
- 24) **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.
- 25) 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.

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.** The anticipatory brain: a developmental cognitive neuroscience perspective. Universitat de Barcelona, invited by Prof. Ruth de Diego-Balaguer, 12/6/2017

- 2) **Mento, G.** Implicit learning e aspettativa temporale: una prospettiva neuroevolutiva. AIP sezione di Psicologia dello Sviluppo, Vicenza, 8-10/9/2016
- 3) **Mento, G.** From scalp to cortex: the High-spatial resolution EEG as neuroimaging tool. 7/7/2015. Department of Neurosciences. University of Padova
- 4) **Mento, G.,** Spatiotemporal neural signatures of temporal predictions. Attention to Time workshop. 17-18/10/2014. Padova, Italy.
- 5) **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
- 6) **Mento, G.,** *Auditory central processing in preterm newborns: electrophysiological evidence.* The Institute of Neuroscience and Cognition. Università "Descartes", Paris. 12/4/2012
- 7) **Mento, G.** *Cognitive processing in preterm newborns: electrophysiological evidence.* Department of anatomy and physiology: University of Verona. Verona. 29/10/2010
- 8) **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
- 9) **Mento, G.** *Il cervello che cresce: basi neurali dello sviluppo cognitivo.* *Mente e cervello.* Iniziativa nell'ambito della Brain Awareness Week. Scuola Galileiana di Studi Superiori. Padova. 17/03/2009.
- 10) **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

Organizational activity:

Organized the following Professional training courses for the Centre of Neuropsychological Supervision (CSN-LIRIPAC. Department of General Psychology. University of Padova; directed by Prof. P.S. Bisiacchi) :

- 1) 15-16/09/2006 'Strumenti e applicazioni in neuropsicologia clinica'
- 2) 9-10/10/2009 'La valutazione Neuropsicologica in età evolutiva'
- 3) 6-7/11/2009 'La valutazione Neuropsicologica dell'adulto: dalla prima visita alla stesura del referto.'
- 4) 28/11/2009 'La riabilitazione Neuropsicologica nelle demenze'
- 5) 5/12/2009 'La riabilitazione Neuropsicologica alla guida'

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
- Softwares for statistic analysis: SPSS.

Padova, 08/11/2017

Dott. Giovanni Mento