

CURRICULUM VITAE

PERSONAL DETAILS

NAME, SURNAME AND TITLE	Luca Ronconi, PhD
E-MAIL	luca.ronconi@unitn.it luca.ronconi05@gmail.com
DATE OF BIRTH	30/05/1986
NATIONALITY	Italian
CURRENT WORK ADDRESS	Center for Mind/Brain Sciences (CIMEC) University of Trento Corso Bettini 31 38068 Rovereto (TN), Italy

CURRENT POSITION

- Post-Doctoral Research Fellow, Center for Mind/Brain Sciences (CIMEC), University of Trento, Italy

PREVIOUS POSITIONS

- **2014 – 2016** Post-Doctoral Research Fellow, Department of General Psychology, University of Padova, Italy
- **2012 – 2013.** Visiting scholar, Department of Psychology, University of Cambridge, Cambridge, UK. Supervisor: Dr. Dénes Szűcs.

EDUCATION

- **2011 – 2014.** PhD in Clinical and Experimental Psychobiology. Doctoral School in Psychological Sciences, University of Padova, Italy.
Dissertation: “*The deployment of visual attention in autism spectrum disorders*”. Supervisor: Prof. Andrea Facoetti.
- **2008 – 2010:** Master degree (110 cum laude/110) in Neuroscience and Neuropsychological Rehabilitation, University of Padova, Italy.
- **2005 – 2008:** Bachelor degree (110 cum laude/110) in Cognitive Psychology and Psychobiology, University of Padova, Italy.
- **2000 – 2005:** Scientific High School Diploma at “Liceo G.G. Trissino”, Valdagno (VI), Italy.

PEER-REVIEWED PUBLICATIONS

- **Ronconi L**, Molteni M, Casartelli L (2016). Building blocks of others' understanding: A perspective shift in investigating social-communicative deficit in autism. *Frontiers in Human Neuroscience*. In Press.
- **Ronconi L**, Bertoni S, Bellacosa Marotti R (2016). The neural origins of visual crowding as revealed by event-related potentials and high-frequency oscillatory dynamics. *Cortex*. In Press. DOI: 10.1016/j.cortex.2016.03.005
- **Ronconi L**, Pincham HL, Cristoforetti G, Facoetti A, Szucs D (2016). Shaping neural oscillations with auditory rhythmic stimulation improves the temporal allocation of attention. *NeuroReport*. In Press. DOI: 10.1097/WNR.0000000000000565.
- **Ronconi L**, Casartelli L, Carna S, Arrigoni F, Borgatti R (2016). When one is enough: impaired multisensory integration in cerebellar agenesis. *Cerebral Cortex*. DOI: 10.1093/cercor/bhw049
- Casartelli L, Molteni M, **Ronconi L** (2016). So close yet so far: motor anomalies impacting on social functioning in autism spectrum disorder. *Neuroscience and Biobehavioural Reviews*. 63, 98-105.
- **Ronconi L**, Franchin L, Valenza E, Gori S, Facoetti A (2016). The 'zoom-lens' of attention in eight-month-old infants. *Developmental Science*, 19(1), 145–154.
- Treccani B, **Ronconi L**, Umiltà CA (2015). Role of stimulus and response feature overlap in between-task logical recoding. *Psychological Research*. In press. DOI: 10.1007/s00426-015-0728-z.
- Gori S, Seitz A, **Ronconi L**, Franceschini S, Facoetti A (2015). Multiple Causal Links Between Magnocellular-Dorsal Pathway Deficit and Developmental Dyslexia. *Cerebral Cortex*. DOI: 10.1093/cercor/bhv206.
- **Ronconi L**, Pincham HL, Szucs D, Facoetti A (2015). Inducing attention not to blink: auditory entrainment improves conscious visual processing. *Psychological Research*. In press. DOI: 10.1007/s00426-015-0691-8.
- Franceschini S, Bertoni S, **Ronconi L**, Molteni M, Gori S, Facoetti A (2015). 'Shall We Play a Game?': Improving Reading Through Action Video Games in Developmental Dyslexia. *Current Developmental Disorders Reports*. 2(4), 318-329.
- Gori S, Mascheretti S, Giora E, **Ronconi L**, Ruffino M, Quadrelli E, Facoetti A, Marino C (2014). The DCDC2 intron 2 deletion impairs illusory motion perception unveiling the selective role of magnocellular-dorsal stream in reading (dis)ability. *Cerebral Cortex*, 25(6), 1685-95.

- **Ronconi L**, Facoetti A, Bulf H, Franchin L, Bettoni R, Valenza, E (2014). Paternal autistic traits are predictive of infants visual attention. *Journal of Autism and Developmental Disorders*, 44(7), 1556-1564.
- **Ronconi L**, Basso D, Gori S, Facoetti A (2014). TMS on Right Frontal Eye Fields Induces an Inflexible Focus of Attention. *Cerebral Cortex*, 24, 396-402.
- **Ronconi L**, Gori S, Giora E, Ruffino M, Molteni M, Facoetti A (2013). Deeper attentional masking by lateral objects in children with autism. *Brain and Cognition*, 83, 213-218.
- **Ronconi L**, Gori S, Ruffino M, Molteni M, Facoetti A, (2013). Zoom-out attentional impairment in children with autism spectrum disorder. *Cortex*, 49, 1025-1033.
- **Ronconi L**, Gori S, Ruffino M, Franceschini S, Urbani B, Molteni M, Facoetti A (2012). Decreased Coherent Motion Discrimination in Autism Spectrum Disorder: The Role of Attentional Zoom-out Deficit. *Plos One*, 7, e49019.

INTERNATIONAL CONFERENCE PROCEEDINGS (FIRST AUTHORED ONLY)

- Ronconi L, Pincham HL, Cristoforetti G, Facoetti A, Szucs D. Shaping pre-stimulus neural oscillations with auditory rhythmic stimulation improves the temporal allocation of attention. Rovereto Attention Workshop. October 5-8, 2015. (poster + oral presentation)
- Ronconi L, Bertoni S, Bellacosa Marotti R. The neural origins of visual crowding as revealed by event-related potentials and high-frequency oscillatory dynamics. European Conference on Visual Perception, ECVP. August 23-27, 2015. Liverpool, UK (poster presentation)
- Ronconi L, Vignali L, Gori S, Mento G, Facoetti A. The neural dynamics of attentional zoom-lens as revealed by dense-array EEG. 9th FENS Forum of Neuroscience. July 5-9, 2014. Milan, Italy. (poster presentation)
- Ronconi L, Gori S, Devita M, Molteni M, Facoetti A. The "Mexican hat" of the attentional focus in autism spectrum disorders. 14th Vision Sciences Society Annual Meeting, May 16-20, 2014. St. Pete Beach, Florida. (poster presentation)
- Ronconi L, Gori S, Devita M, Molteni M, Facoetti A. Weak Suppression Surrounding the Focus of Attention in Autism: A Possible Explanation of Visual Objects Overload? X International Congress Autism-Europe. Talk session. September 26-28, 2013. Budapest, Hungary. (talk session)

- Ronconi L, Facoetti A, Bulf H, Franchin L, Bettoni R, Valenza, E. Paternal autistic traits are predictive of infants visual attention. X International Congress Autism-Europe. Poster session. September 26-28, 2013, Budapest, Hungary. (poster presentation)
- Ronconi L, Gori S, Varuzza C, Menghini D, Basso D, Vicari S, Facoetti A (2013) “Zoom-In” Attentional Impairment in Developmental Dyslexia and its Possible Neurobiological Underpinning. 3rd Oxford-Kobe Symposium, Poster Session, April 11-13, 2013, Oxford, UK. (poster presentation)
- Ronconi L, Gori S, Giora E, Ruffino M., Facoetti A. Spatio-temporal dynamics of visual processing in autism revealed by Attentional Masking. *Perception 41* Supplement ECVF 2012, page 134. Alghero, Italy. (poster presentation)
- Ronconi L, Basso D, Gori S, Facoetti A, (2012). TMS on the FEF area induces a ‘narrow’ focus of attention. 12th Vision Sciences Society Annual Meeting, May 11-16, 2012. Naples, Florida. (poster presentation)
- Ronconi L, Gori S, Ruffino M, Facoetti A. Is poor coherent motion discrimination the consequence of magnocellular impairment in autism spectrum disorders? *Perception 40* ECVF 2011 Toulouse. Abstract Supplement, page 168. (poster presentation)
- Ronconi L, Gori S, Ruffino M, Facoetti A, (2011). The attentional focusing mechanism in autism spectrum disorders: evidence of a “zoom-out” impairment. Rovereto Attention Workshop. Poster Session. October 27-29, 2011. (poster presentation)
- Ronconi L., Ganesini, T., Ruffino M., Gori S., Facoetti A. (2010). To induce autistic-like focused perception in typically developing adults interfering with the right hemisphere global processing. ‘A Future For Autism’ IX International Congress Autism-Europe. Poster session. October 8-10, 2010. Catania, Italy. (poster presentation)

AD HOC REVIEWER

- Cerebral Cortex, Biological Psychology, Frontiers in Psychology, Journal of Autism and Developmental Disorders, Journal of Cognitive Education and Psychology.

AWARDS

- Post-doctoral fellowships award. Fondazione Umberto Veronesi (section: Neuroscience, year 2016).
- Best poster award (non-faculty/student). Rovereto Attention Workshop 2015.
- Best Italian article in Psychological and Psychiatric Science by the State of Mind Web Journal for the year 2013 for the publication “*Paternal autistic traits are predictive of infants visual attention*” (Ronconi et al., JADD, 2014).
- My doctoral thesis has been selected among the 10 best PhD theses from the Italian Psychological Association (“Ordine degli psicologi”) and it is currently being evaluated for the final prize.

INTERNATIONAL INVITED TALKS

- Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany (10/11/2015).
- Department of Psychology, University of Salzburg, Austria (08/05/2014).
- Centre for Neuroscience in Education, Department of Psychology, University of Cambridge, UK (23/10/2012).

INTERNATIONAL SUMMER SCHOOLS

- FENS-SfN Summer School on “Neurodevelopmental Psychiatric Disorders”, 22-28 June 2014, Bertinoro, Italy (40 students selected worldwide).
- EGI International School, Core d-EEG Skills Course, Université Paris Descartes, Paris, France. 18-22 June 2012.

TEACHING EXPERIENCE AND STUDENTS SUPERVISION

- I have been *teaching assistant* (period 2011-present) for the bachelor and master courses in: (i) Developmental Neuropsychology and (ii) Psychobiology, Dept. of Psychology, University of Padova (Prof. Facoetti).
- I have co-supervised 25 bachelor/master students (period: January 2011-present) for their internship and/or thesis.

LANGUAGE

- Italian (Mother tongue)
- English (Writing: excellent, Reading: excellent, Speaking: excellent)

RESEARCH AND TECHNICAL SKILLS

- **Expertize with the following neurophysiological, neurostimulation and eye-tracking techniques:**

1. EGI Dense-array EEG systems with 128 and 64 channels (Electrical Geodesic, Inc.). Level: excellent.
2. Neuroscan SynAmps 2/RT EEG system (with 64 or 32 channels, Compumedics). Level: excellent.
3. Transcranial magnetic stimulation (TMS - Rapid2, Magstim Ltd.) + neuronavigation withBrainsight software (Rogue Research Inc.). Level: excellent
4. Infrared eye-tracking equipment (systems: Tobii or Applied Science Laboratory). Level: good

- **Technical/computer skills:**

1. Apple Mac OS, Microsoft Windows. Level: excellent
2. Microsoft Office. Level: excellent
3. Statistical computing: Statistica, SPSS, R. Level: excellent
4. EEGLAB: Level: excellent
5. Matlab. Level: excellent
6. Fieldtrip: Level: basic
7. Brainstorm: Level: excellent
8. E-Prime. Level: excellent
9. NetStation. Level: excellent
10. Brain Vision. Level: very good
11. Presentation. Level: very good
12. Psychtoolbox. Level: very good
13. Adobe Photoshop and Illustrator. Level: very good

PAST TRAINING AND CLINICAL EXPERIENCE

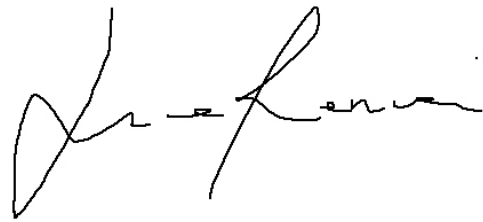
- **January 2011 – December 2011:** internship at Clinical Neuropsychology Unit, Pediatric Division, University Hospital, Padova, Italy.
- **October 2009 - March 2010:** internship at Developmental Neuropsychology Unit of Research Hospital ‘E. Medea’, Bosisio Parini (LC), Italy.
- **October 2009- March 2010:** volunteer frequentation of the Neuropsychology Unit, “Villa Beretta” Clinic, Valduce Hospital, Costamasnaga (LC), Italy.

- *October 2007 – October 2008*: internship at Department of General Psychology, University of Padova.

ACADEMIC REFEREES

Upon request

Rovereto, March 2016

A handwritten signature in black ink, appearing to be 'D. Lorenzini', written in a cursive style.