

*Curriculum Vitae et Studiorum***Chiara Mazzi****Contact details**

Place and date of birth: Verona (Italy), 11th March, 1984

Work address: Strada Le Grazie, 8 - 37134 Verona, (VR) - Italy

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Current position

April 2017 – present

Post-graduate research fellow, Joint Project 2016, “NeuroTaxi: Development of an integrated neuro-navigation stereotaxic system for the co-registration of anatomical images with fNIRS, EEG and TMS functional data.”

Perception and Awareness (PandA) Lab

University of Verona. Scientific coordinator: Prof.ssa Silvia Savazzi

Previous experience

May 2012 – March 2017

Maternity leaves:

-from 11/12 to 04/13

-from 10/14 to 02/15

Post-graduate research fellow, “On the role of posterior parietal cortex in visual awareness” Physiology and Psychology Section, Department of Neuroscience, Biomedicine and Movement Sciences, University of Verona.

Supervisor: Prof. Silvia Savazzi

Education

January 2009 - December 2011

Ph.D. in Psychological and Psychiatric Sciences (Cycle XXIV)

Graduate School of Sciences Engineering Medicine, University of Verona

Supervisor: Prof. Silvia Savazzi

February 2011

Registration at "Albo Professionale degli Psicologi della Regione Lombardia"

March - August 2009

Clinical internship at Neurological Rehabilitation Unit Ospedale Chiarenzi, Zevio (VR). Tutor: Dott.ssa Francesca Mancini

December 2008

Master degree in “Experimental psychology and cognitive behavioural neuroscience”, Faculty of Psychology, University of Padua

Final mark: 110/110 cum laude

Supervisors: Prof. Sara Mondini and Prof. Brendan Weekes

July 2006

Bachelor degree in “Social and work psychology”

Faculty of Psychology, University of Padua

Final mark: 110/110 cum laude

Supervisor: Prof. Sara Mondini

July 2003

High school diploma, Liceo Linguistico Virgilio, Mantua

Final mark:100/100

Research experience abroad

September - November 2011

University of Illinois, Urbana-Champaign, USA

Diffuse Optical Imaging Laboratory - Prof. Diane M. Beck

Funded by Cooperint

February 2010

Sussex University, Brighton, UK

Human Psychophysiology Laboratory - Prof. Brendan Weekes

September - December 2007

Sussex University, Brighton, UK

Human Psychophysiology Laboratory - Prof. Brendan Weekes

Funded by Erasmus Exchange Scholarship

Technical skills

Computer skills	ECDL (European Computer Driving Licence) Microsoft Office, SPSS, MRlcro, Corel Draw, E-Prime, Matlab
TMS	Magstim Single pulse and repetitive paradigms
Neuronavigation	SofTatic, Brainsight, MiniBird
EEG	BrainVision, Netstation, EEGLab
TMS-EEG	Tesa Analyzer plugin per EEGLab TEP analysis with TMS artefact removal
EROS (Event-related optical signal)	Boxy (ISS), NOMAD (Near-infrared Optode Montage Automated Design), OCP (Optical Coregistration Package), P-POD (Pre-Processing of Optical Data), Opt-3D

Linguistic skills

Italian: mother tongue

English: very good written and spoken

Ad-hoc reviewer

Neuropsychologia, Neuroimage, Acta Psychologica, Behavioural Brain Research

Peer-reviewed publications

- 2018** **Mazzi, C.**, Tagliabue, C., Mazzeo, G., & Savazzi S. (2018). Reliability in reporting perceptual experience: Behaviour and electrophysiology in hemianopic patients. *Neuropsychologia*, in press. <https://doi.org/10.1016/j.neuropsychologia.2018.01.017>
- 2017** **Mazzi, C.**, Savazzi, S., & Silvanto, J. (2017). On the "blindness" of blindsight: What is the evidence for phenomenal awareness in the absence of primary visual cortex (V1)? *Neuropsychologia*, In press. <https://doi.org/10.1016/j.neuropsychologia.2017.10.029>
- Mazzi, C.**, Mazzeo, G., & Savazzi S. (2017). Markers of TMS-evoked visual conscious experience in a patient with altitudinal hemianopia. *Consciousness and Cognition*, in press. <http://dx.doi.org/10.1016/j.concog.2017.01.022>
- Mazzi, C.**, Savazzi, S., Abrahamyan, A., & Ruzzoli, M. (2017). Reliability of TMS phosphene threshold estimation: Toward a standardized protocol. *Brain Stimulation*, 10(3), 609-617. <http://dx.doi.org/10.1016/j.brs.2017.01.582>
- 2016** **Mazzi, C.**, Bagattini, C., & Savazzi, S. (2016). Blind-Sight vs. Degraded-Sight: Different Measures Tell a Different Story. *Frontiers in Psychology*, 7:901. <https://doi.org/10.3389/fpsyg.2016.00901>
- Tagliabue, CF, **Mazzi, C.**, Bagattini C, & Savazzi S. (2016). Early Local Activity in Temporal Areas Reflects Graded Content of Visual Perception. *Frontiers in Psychology*, 7:572. <https://doi.org/10.3389/fpsyg.2016.00572>.

2015 Parks, N.A., **Mazzi, C.**, Tapia, E., Savazzi, S., Fabiani, M., Gratton, G., & Beck, D.M. (2015). The influence of posterior parietal cortex on extrastriate visual activity: A Concurrent TMS and Fast Optical Imaging Study. *Neuropsychologia* 78, 153–158. <http://doi:10.1016/j.neuropsychologia.2015.10.002>

Knight, R., **Mazzi, C.**, & Savazzi, S. (2015a). Assessing the effects of physical and perceived luminance contrast on RT and TMS-induced percepts. *Experimental Brain Research*. <http://doi.org/10.1007/s00221-015-4419-1>

Knight, R., **Mazzi, C.**, & Savazzi, S. (2015b). Shining new light on dark percepts: visual sensations induced by TMS. *Experimental Brain Research*. <http://doi.org/10.1007/s00221-015-4381-y>

Bagattini, C., **Mazzi, C.**, & Savazzi, S. (2015). Waves of awareness for occipital and parietal phosphenes perception. *Neuropsychologia*, 70, 114–125. <http://doi.org/10.1016/j.neuropsychologia.2015.02.021>

2014 **Mazzi, C.**, Mancini, F., & Savazzi, S. (2014). Can IPS reach visual awareness without V1? Evidence from TMS in healthy subjects and hemianopic patients. *Neuropsychologia*, 64, 134–144. <http://doi.org/10.1016/j.neuropsychologia.2014.09.026>

Tapia, E., **Mazzi, C.**, Savazzi, S., & Beck, D.M. (2014). Phosphene-guided transcranial magnetic stimulation of occipital but not parietal cortex suppresses stimulus visibility. *Experimental Brain Research*, 232(6), 1989–97. <http://doi.org/10.1007/s00221-014-3888-y>

Published International Conference Proceedings

Mazzi C., Parisi G., Colombari E., Metzger B.A., Marzi C.A. and Savazzi S. (2018) Spatiotemporal dynamics of attentional cueing in healthy participants and a hemianopic patient. A fast optical imaging study. *Frontiers in Computational Neuroscience*

Knight, R., **Mazzi, C.**, Beck, D., Savazzi, S. (2015). Ventral and dorsal stream contributions to a size-contrast illusion: A TMS-induced phosphene study. *Journal of Vision*, 15(12):530. doi: 10.1167/15.12.530

Knight, R., **Mazzi, C.**, Beck, D., Savazzi, S. (2015). Ventral and dorsal stream contributions to a size-contrast illusion: A TMS-induced phosphene study. *Journal of Vision*, 15(12):530. doi: 10.1167/15.12.530

Knight, R., **Mazzi, C.**, Savazzi, S. (2013). Phosphene or Scotoma? It's a matter of definition. *Journal of Cognitive Neuroscience*, Suppl S: 206

Parks, N. A., Beck, D., Low, K. A., Maclin, E. L., Tapia, E., Savazzi, S., **Mazzi, C.**, Fabiani, M., Gratton, G. (2013). Dynamic measurement of functional connectivity using simultaneous fast optical imaging and magnetic stimulation. *Psychophysiology* 50, Suppl S1(1) S14. doi: 10.1111/psyp.12109

Klingebiel, K., Hutton, S., Majerus, S., **Mazzi, C.**, Weekes, B.S. (2012). Is the Left IPS Necessary for Verbal Short-term Memory? A TMS Study *Procedia - Social and Behavioral Sciences* 61:115-116 doi: 10.1016/j.sbspro.2012.10.105

Conference presentations

Oral

Mazzi C., Massironi G., Sanchez-Lopez J., De togni L., Savazzi S. Mancato riconoscimento dei volti in una paziente con demenza di Alzheimer: deficit mnestico o gnosico? Congresso annuale SINP 2017, Palermo, Italy, 24-25 November 2017

Mazzi C., Mazzeo G., Savazzi S. Neural correlates of occipital and parietal phosphenes in altitudinal hemianopia. Congresso annuale SINP 2016, Milano, Italy, 2-3 December 2016

Mazzi C., Sanchez-Lopez J., Bagattini C., Mele S., Manganotti, P., Savazzi S. Effects of non-invasive stimulation on resting-state oscillatory coupling. Cognitive Science Arena for Beginners (CSAB) Conference, Brixen, Italy, 6-7 February 2015.

Mazzi C., Tapia E, Beck D, Savazzi S. Does phosphene perception affect visual awareness? Cognitive Science Arena for Beginners (CSAB) Conference, Brixen, 28 February – 2 March 2014.

Poster

Tagliabue C.F., **Mazzi C.**, Bagattini C., Savazzi S. Visual awareness as a graded phenomenon: evidence from ERPs. Congresso annual SINP 2015, Padova, Italy, 27-28 November 2015

Mazzi C., Sanchez-Lopez J., Bagattini C., Mele S., Savazzi S. Modulation of the Resting State Oscillatory Activity as Effect of rTMS stimulation. Rovereto Attention Workshop 2015 (RAW), Rovereto, Italy, 5-8 November 2015.

Molteni F., Parisi G., **Mazzi C.**, Salatino A., Ricci R., Savazzi S. Perceptual bias in the right parietal cortex, a TMS-EEG study. European Brain and Behaviour Society & European Behavioural Pharmacology Society Joint Meeting, Gran Guardia Palace, Verona, 12-15 September 2015.

Knight R., **Mazzi C.**, Beck D.M., Savazzi S. Ventral and dorsal contributions to a size-contrast illusion: A TMS-induced phosphene study. VSS Annual Meeting, St. Pete Beach, Florida, USA, 15-20 May 2015.

Molteni F., **Mazzi C.**, Salatino A., Ricci R., Savazzi S. Perceptual bias in the right parietal hemisphere. Cognitive Science Arena for Beginners (CSAB) Conference. Brixen, Italy, 6-7 February 2015.

Tagliabue C.F., **Mazzi C.**, Bagattini C., Savazzi S. Graded measures to assess the neural correlates of visual awareness. Cognitive Science Arena for Beginners (CSAB) Conference. Brixen, Italy, 6-7 February 2015.

Mazzi C., Tapia E., Beck D.M., Savazzi S. Visual suppression by transcranial magnetic stimulation: perceptual masking or increased neural noise? 9th FENS, Forum of Neuroscience, Milano, Italy, 5-9 July 2014.

Mazzi C., Bagattini C., Savazzi S. Is blindsight really blind? Alternative measures of assessing visual awareness. 2nd International Workshop 'Neuro-Cognitive Mechanisms of Conscious and Unconscious Visual Perception. Delmenhorst, Germany, 30 June – 2 July 2014.

Savazzi S., Bagattini C., **Mazzi C.** Is blindsight really blind? How different measures of subjective experience can modulate awareness in the blind field. Cognitive Neuroscience Society 21st Annual Meeting. Boston, 5-8 April 2014.

Knight R., **Mazzi C.**, Savazzi S. Real effects of illusory effects: The influence of perceived luminance on behavior. Cognitive Neuroscience Society 21st Annual Meeting. Boston, 5-8 April 2014.

Bagattini C., **Mazzi C.**, Savazzi S. Electrophysiological correlates of parietal phosphene perception. Cognitive Neuroscience Society 21st Annual Meeting. Boston, 5-8 April 2014.

Bagattini C., **Mazzi C.**, Savazzi S. Electrophysiological correlates of parietal phosphene perception. Cognitive Science Arena for Beginners (CSAB) Conference, Brixen, 28 February – 2 March 2014.

Knight R, **Mazzi C.**, Savazzi S. The effects of brightness on behavior and perception. Cognitive Science Arena for Beginners (CSAB) Conference, Brixen, 28 February – 2 March 2014.

Knight R, **Mazzi C.**, Savazzi S. Phosphene or Scotoma? It's a matter of definition. Cognitive Neuroscience Society 20th Annual Meeting. San Francisco, 13-16 April 2013.

July 2018

Savazzi S, Bagattini C, **Mazzi C.** Does art shape our perceptual world? A study with visual illusions. 1st Visual Science of Art Conference, Alghero, Italy, 1-2 September 2012.

Mazzi C., Mancini F. and Savazzi S. The causal role of intraparietal sulcus in visual conscious experience: A functionally-guided TMS investigation. Cognitive Neuroscience Society 18th Annual Meeting. San Francisco, USA, 2-5 April 2011.

Kliengebiel K., **Mazzi C.**, Majerus S. and Weekes B. "Intraparietal sulcus and short-term memory: A TMS study." International Conference on Parietal Lobe Function Artis Zoo, Amsterdam, The Netherlands. 20-21 September 2010.

Mazzi C., Eve M. and Weekes B. "Neural processing of Mass, Count and Dual Nouns: An ERP investigation." Pshychophysiological Research Society Annual Meeting Berliner Congress Center, Berlin, Germany. 21-24 October 2009.

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Verona, July 2018

Chiara Mazzi