

Curriculum Vitae

ROBERTO BOTTINI
roberto.bottini@unitn.it

Post-Doctoral Fellow
CIMEC - Center for Mind/Brain Sciences
University of Trento
Via delle Regole 101
38123, Mattarello (TN)
Italy

EMPLOYMENT

January 2015 – present. Post-Doctoral Fellow at CIMEC (Center for Mind/Brain Sciences), University of Trento, Italy.
Advisor: Dr. Olivier Collignon

June 2013 – December 2014. Post-Doctoral Fellow at MoMo Lab, Department of Psychology, University of Milano-Bicocca, Italy.
Advisor: Dr. Davide Crepaldi

July 2011 – June 2013. Post-Doctoral Fellow at the New School for Social Research, Department of Psychology, New York, NY, U.S.A.
Advisor: Prof. Daniel Casasanto

EDUCATION

January – May 2011. Visiting researcher. Max Plank Institute for Psycholinguistics, Nijmegen, The Netherlands.

July 2010 – November 2010. Visiting Ph.D student at the Max Plank Institute for Psycholinguistics, Nijmegen, The Netherlands.
Local Advisor: Prof. Daniel Casasanto

March – April 2010. Visiting Ph.D student at the Federal University of Rondonia, Departement of Vernacular Languages, Porto Velho, Brazil.
Local Advisor: Prof. Wany Sampaio

November – December 2009. Visiting Ph.D student at the University of Portsmouth, Faculty of Psychology, UK.
Local Advisor: Prof. Chris Sinha

February – July 2009. Visiting Ph.D student at the Max Plank Institute for Psycholinguistics, Nijmegen, The Netherlands.

Local Advisor: Prof. Daniel Casasanto

January 2008 – December 2010. PhD student in *Anthropology and Epistemology of Complexity*, University of Bergamo.

Primary Advisor: Prof. Enrico Giannetto

Co-Advisor: Prof. Daniel Casasanto

Dissertation: *An interdisciplinary study of time in language and mind*. University of Bergamo. Italy.

January – June 2007. Member of the “*Research Group of Theory of Mind*”, Catholic University of Milan, Italy.

Advisor: Prof. ssa Olga Liverta Sempio

2004 – 2006. Master’s Degree in Clinical Psychology. University of Padova, Faculty of psychology.

Thesis: *The construction of consciousness in the process of communication. The spatialization of beliefs as fundamental step for the development of a Theory of Mind.*

Advisor: Prof. Alessandro Salvini

Final Grade: 110/110 with distinction

2001 – 2004 . Undergraduate degree in Psychology. University of Padova, Faculty of Psychology.

Thesis : *Psychoanalysis and Buddhism.*

Advisor: Prof. Ivano Spano

Final Grade: 110/110 with distinction

1996 – 2001 I.T.I.S. Galileo Galilei, Crema (CR) Italy. Secondary school certificate.

Grade: 93/100

PROFESSIONAL EXPERIENCE

March – April 2010. Training in linguistic data collecting. Federal University of Rondonia, BR – Amazonian Rain-Forest.

November 2008 – Present. Charter member and vice-president of “Travelscapes”, cultural association for educational travels, Bergamo, Italy.

October 2007 – March 2008. Internship at the Hospital of Treviglio (BG), Department of Child Neuropsychiatry.

September 2007 – December 2008. Employee in a Therapeutic Center for drug – addicts. Fara Olivana con Sola (BG), Italy.

December 2006 – June 2007. Internship at the Catholic University of Milan. Research Team on Theory of Mind

February – October 2006. Internship in psychiatric hospital. Secondo servizio psichiatrico di diagnosi e cura, azienda ULSS 16, Padova, Italy.

October 2003 – July 2004. Erasmus student in the university Le Mirail, Toulouse, France.

Member of the S.A.M. (Socrates Association du Mirail), Organization of events for foreign students.

DISSERTATION

Bottini, R. (2011). *An interdisciplinary study of time in language and mind*. University of Bergamo, Bergamo (Italy).

BOOKS

Salvini, A. & **Bottini, R.** (2011). *Il nostro inquieto segreto. La coscienza, psicologia e psicoterapia*. Ponte alle Grazie. Firenze.

PAPERS & BOOK CHAPTERS

Bottini, R., Bucur, M., & Crepaldi, D. (in press). The nature of semantic priming by subliminal spatial words. Embodied or disembodied? *Journal of Experimental Psychology: General*.

Bottini, R. & Salvini, A. (2015) La coscienza analogica e i suoi stati modificati. In E. Casiglia (ed.) *Trattato di Ipnosi e Scienze Affini*. CLEUP. Padova.

Bottini, R., Crepaldi, D., Casasanto, D., Crollen, V., & Collignon, O. (2015). Space and Time in the Sighted and Blind. *Cognition*, 141, 67-72.

Casasanto, D. & **Bottini, R.** (2014). Spatial language and abstract concepts. *WIREs Cognitive Science*, 5, 139–149. doi: 10.1002/wcs.1271

Casasanto, D. & **Bottini, R.** (2014). Mirror reading can reverse the flow of time. *Journal of Experimental Psychology: General*. 143(2), 473-9.

Bottini, R. & Casasanto, D. (2013). Space and time in the child's mind: Metaphoric or ATOMIC? *Frontiers in Cognitive Science*.

Gijssels, T., Rueschemeyer, S.-A., **Bottini, R.**, & D. Casasanto (2012). Time in the Brain: Neural Evidence for a Space-Time Asymmetry. In R. Braukmann, & N. Lam (Eds.) *Proceedings of the Master's Programme Cognitive Neuroscience of the Radboud University Nijmegen*. Nijmegen, The Netherlands: Radboud University.

Bottini, R. & Kuijsten, M. (2011). Può il linguaggio dar forma alla coscienza? In Salvini, A. & Bottini, R. (Eds.) *Il nostro inquieto segreto. La coscienza, psicologia e psicoterapia* Ponte alle Grazie. Firenze

Salvini, A. & **Bottini, R.** (2011). Una domanda imbarazzante: La coscienza che cos'è? In Salvini, A. & Bottini, R. (Eds.) *Il nostro inquieto segreto. La coscienza, psicologia e psicoterapia* Ponte alle Grazie. Firenze

- Bottini, R.** & Casasanto, D. (2010). Implicit spatial length modulates time estimates, but not vice versa. In *Spatial Cognition VII*. C. Hölscher, T. F. Shipley, M. Olivetti Belardinelli, J. A. Bateman, & N. S. Newcombe (Eds.), 152 - 162, Berlin Heidelberg: Springer.
- Casasanto, D. & **Bottini, R.** (2010). Can mirror-reading reverse the flow of time? In *Spatial Cognition VII*. C. Hölscher, T. F. Shipley, M. Olivetti Belardinelli, J. A. Bateman, & N. S. Newcombe (Eds.), 335-345, Berlin Heidelberg: Springer.
- Bottini R.** (2008). “Silvio Ceccato e la meccanizzazione della memoria. Soluzioni fin troppo ben localizzate di un antilocalizzazionista”, *Chora*, 16, 93-98.
- Bottini R.** (2008). “La realtà di un’illusione. Accordi e disaccordi nella scienza della coscienza” Working Papers 212. *Metodologia*, <http://www.methodologia.it/wp.htm>
- Bottini R.** (2007). “Recensione del libro: ‘Reflection on the Dawn of Consciousness’ di Marcel Kuijsten. Julian Jaynes Society. (2006), Working Papers 206. *Methodologia*, <http://www.methodologia.it/wp.htm>

PEER-REVIEWED CONFERENCE PAPERS

- Bottini, R.**, Guarino, C. & Casasanto, D. (2013). Space is special: A domain-specific mapping between time and nontemporal magnitude. In M. Knauff, M., Pauen, N. Sebanz, & I. Wachsmuth (Eds.) *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 233-238). Austin TX: Cognitive Science Society.
- Gijssels, T., **Bottini, R.**, Rueschemeyer, S.A. & Casasanto, D. (2013). Space and Time in the Parietal Cortex: fMRI Evidence for a Neural Asymmetry. In M. Knauff, M., Pauen, N. Sebanz, & I. Wachsmuth (Eds.) *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 495-501). Austin TX: Cognitive Science Society.
- Beveridge, M., Casasanto, D., **Bottini, R.**, & Pickering, M. (2012). Body specificity in action sentences. Talk presented at *Psycholinguistics in Flanders (PiF 2012)*, Nijmegen, NL, June 5-7.
- Beveridge, M., Casasanto, D., **Bottini, R.**, & Pickering, M. (2012). Body specificity in action sentences. Talk presented at *Embodied and Situated Language Processing (ESLP 2012)*, Newcastle on Tyne, UK, August 28-30.
- Casasanto, D. & **Bottini, R.** (2010). Mirror-reading can reverse the flow of time. Talk presented at *AMLaP*, York, UK.
- Bottini, R.** & Casasanto, D. (2010). Implicit spatial length modulates time estimates, but not vice versa. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 1348-1353). Austin, TX: Cognitive Science Society.
- Casasanto, D. & **Bottini, R.** (2010). Can mirror-reading reverse the flow of time? In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 1342-1347). Austin, TX: Cognitive Science Society.

CONFERENCE POSTERS

- Bottini, R.**, Mattioni S., & Collignon O. (2016). *Early blindness impact on the spatial organization of verbal Working Memory*, 23rd Annual meeting of the Cognitive Neuroscience Society (CNS), 2-5 April 2016, New York.
- Mattioni S., Cuculiza K., Rezk M., Battal C., Barbero F., Bertonati G., Barilari M., **Bottini R.**, Van Ackeren M., Oosterhof N., Collignon O. (2016). *Features vs Categories: dissociable representation between physical and categorical features of sounds in the occipital cortex of blind people*. Rovereto Workshop on Concepts Actions and Objects (CAOs), 5-8 May, 2016, Rovereto (Italy).
- van Ackeren MJ., Barbero F., Mattioni S. **Bottini R.**, & Collignon O. (2016). *Tracking acoustic features of speech in early blind individuals using MEG*. Rovereto Workshop on Concepts Actions and Objects (CAOs), 5-8 May, 2016, Rovereto (Italy).
- Barbero F., van Ackeren MJ., Mattioni S. **Bottini R.**, & Collignon O. (2016). *Voice perception in blind individuals: Do you hear what I see?* Rovereto Workshop on Concepts Actions and Objects (CAOs), 5-8 May, 2016, Rovereto (Italy).
- Crepaldi, D., Casasanto, D., Nadalini, A. & **Bottini, R.** (2016). *Semantic processing with and without awareness*, European Workshop on Cognitive Neuropsychology (EWCN), 24-29 Jan 2016 Bressanone (Italy).
- Bucur, M., Crepaldi, D. & **Bottini, R.** (2016). *Semantic priming is disembodied*. European Workshop on Cognitive Neuropsychology (EWCN), 24-29 Jan 2016 Bressanone (Italy).
- Bottini, R.**, Crepaldi, D., Casasanto, D., Crollen, V., & Collignon, O. (2014). *No time on my hands. Different spatial coordinates support temporal and numerical concepts in blind and sighted individuals*. Psychonomic Society's 55th Annual Meeting, Long Beach, LA, USA.
- Bottini, R.** & Crepaldi, D. (2014). *Subliminal morphological speech priming*. AMLaP 2014, Edinburgh, UK.
- Beveridge, M., Casasanto, D., **Bottini, R.**, & Pickering, M. (2012). *Body specificity in action sentences*. AMLaP 2012, Riva del Garda, Italy.
- Bottini, R.** & Casasanto, D. (2011). *Space and time in the child's mind: Further evidence for a cross-dimensional asymmetry*. 33th Annual Meeting of the Cognitive Science Society, Boston, MA
- Bottini, R.** & Casasanto, D. (2010). *Implicit spatial length modulate time estimation but not vice versa*. 7th Forum of European Neuroscience, Amsterdam.

TALKS

- Bottini R.,** Bucur M., Crepaldi D. (2016). *The nature of semantic priming by subliminal spatial word. Embodied or disembodied?* International meeting of the Psychonomic society, 5-8 May, 2016, Granada (Spain).
- Bottini R.** (2016). *How vision shapes spatial representations of time, numbers and order.* International meeting of the Psychonomic society, 5-8 May, 2016, Granada (Spain).
- Bottini R.,** Mattioni S., & Collignon O. (2016). *Early blindness impact on the spatial organization of verbal Working Memory,* European Workshop on Cognitive Neuropsychology (EWCN), 24-29 Jan 2016 Bressanone (Italy).
- Bottini R.,** (2015). *The role of consciousness in semantic processing. Insights from masked priming,* Invited talk at SISSA, Neuroscience Area, Trieste, Italy, 26/11/2015.
- Bottini R.,** (2015). *The role of consciousness in semantic processing. Insights from masked priming,* Invited talk at Institut du Cerveau et de la Moelle Epinière (ICM), Paris, France, 17/11/2015.
- Bottini R.,** (2015). *The role of consciousness in semantic processing. Insights from masked priming,* Invited talk at University of Geneva, Department of Psychology, Geneva, Switzerland, 16/11/2015.
- Bottini R.,** Bucur, M. & Crepaldi, D. (2015). *The nature of sensorimotor facilitation by subliminal words. Embodied or disembodied?* Embodied and Situated Language Processing (ESLP), 29-30 Jul 2015 Lyon (France).
- Bottini R.,** Crepaldi, D., Casasanto, D., Crollen, V., & Collignon, O. (2015). *Space and Time in the Sighted and Blind.* 16th International Multisensory Research Forum, 13-16 Jun, Pisa (Italy).
- Bottini R.,** Crepaldi, D., Casasanto, D., Crollen, V., & Collignon, O. (2015). *Space and Time in the Sighted and Blind,* European Workshop on Cognitive Neuropsychology (EWCN), 25-30 Jan, 2015, Bressanone (Italy).
- Crepaldi D. & **Bottini R.** (2014). *Acoustic and Visual Masked Priming are Both Sensitive to Morphology.* Psychonomic Society's 55th Annual Meeting, Long Beach, LA, USA.
- Bottini R.** & Casasanto, D. (2014). *Beyond ATOM. Space and Time in the Human Mind.* Language, Culture and Mind VI, Lublin, Poland.
- Bottini R.,** Crepaldi, D., Casasanto, D., Crollen, V., & Collignon, O. (2014). *No time in my hands. different spatial coordinates support temporal and numerical concepts in blind and sighted individuals.* Symposium: Embodiment of Abstract Concepts. What's Special About Space. University of Milan-Bicocca, Milano, June 9th 2014.
- Bottini R.** & Casasanto, D. (2013). *Space is special: A domain-specific mapping between time and nontemporal magnitude.* 35th Annual Meeting of the Cognitive Science Society, Portland, OR.

Bottini R. (2011) *Coscienza, linguaggio e metafore*. La coscienza di sé: Alterità, Trascendenza, Disagio e Psicoterapia, Montegrotto Terme (PD), Italy. (Invited talk)

Bottini R. (2010). *Walking through time*. 2nd Conference of Clean Language, London. (Invited talk)

Bottini R. & Casasanto, D. (2010). *Implicit spatial length modulates time estimates, but not vice versa*. Spatial cognition, Mt. Hood/Portland, OR.

Bottini R. & Casasanto, D. (2010). *Implicit spatial length modulates time estimates, but not vice versa*. 32nd Annual Meeting of the Cognitive Science Society, Portland, OR.

Bottini R. & Casasanto, D. (2010). *Implicit spatial length modulates time estimates, but not vice versa*. Language, Culture and Mind IV, Turku, Finland.

TEACHING

Spring 2011. Teaching Assistant: Experiential Relativity (Prof. Daniel Casasanto), The New School for Social Research, New York, NY

Fall 2011. Teaching Assistant: The Body in the Mind (Prof. Daniel Casasanto), Eugene Lang College, The New School, New York, NY

PROFESSIONAL SERVICE

2012 – present. Member of the International Organizing Committee of the “Biannual International Conference on Language, Culture and Mind” (LCM)

Latest conference organized: LCM VI, Lublin (Poland), 23 – 26 June, 2014

REVIEWING

Journal of Experimental Psychology: General
Cognition

Cortex

Quarterly Journal of Experimental Psychology

Attention, Perception, & Psychophysics

Cognitive Science

Language & Cognition

COMPUTER SKILLS

Programming languages: python, R, Matlab.

Statistical software: R, SPSS.

Software for experimental psychology: presentation, psyscope.

LANGUAGE SKILLS

English: Fluent

Italian: Fluent (Native speaker)

French: Good

Portuguese: Good

Spanish: Beginner