

# Curriculum vitae

## PERSONAL INFORMATION

Family name, First name: **Bottini, Gabriella**

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## EDUCATION

1991 PhD in Neurological Sciences, University of Milano *Statale*.  
1986 Specialization in Neurology, University of Milan, Milan, Italy.  
1982 MD degree, University of Milan, Milan, Italy. (110 cum laude).  
1975 High School Graduation, Liceo Classico C. Beccaria, Milan, Italy.

## CURRENT POSITION

2019- present Delegate with responsibility for areas concerning the University's Third Mission activities, University of Pavia, Pavia, Italy.  
2016- present Coordinator of the PhD program in "Psychology, Neuroscience and Data Science", University of Pavia, Pavia, Italy.  
2012-present Full Professor, Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy.  
2001-present Director of the Centro di Neuropsicologia Cognitiva, ASST Grande Ospedale Metropolitano Niguarda, Milan, Italy.

## PREVIOUS POSITIONS

2000-2011 Associate Professor, University of Pavia, Pavia, Italy.  
1994-2000 Senior registrar Neurologist, Unità Operativa di Neurologia, Ospedale Niguarda, Milan, Italy.  
1992-1994 Research Fellow, MRC Cyclotron Unit, Hammersmith Hospital, London, U.K.  
1990-1992 Senior registrar Neurologist, Unità Operativa di Neurologia, Ospedale Niguarda, Milan, Italy.  
1986-1988 Resident MD, Neurology Department, University of Milan, Italy.  
1979-1981 Student Internship, Neurology Department, University of Milan, Italy.

## AWARDS

1992-1994 Research Fellow, MRC Cyclotron Unit, Hammersmith Hospital, London, U.K.  
1989-1990 Research fellowship Neurology Division, Niguarda Hospital, Milan, Italy.  
1985-1986 Research fellowship Neurology Institute – University of Milan, Milan, Italy.  
1984-1985 Research fellowship Neurology Institute – University of Milan, Milan, Italy.  
1981-1982 Research fellowship Clinique Psychiatrique "Bel Air" - Université de Genève, Suisse.

## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

I trained 25/year bachelor and master students, 11 Ph.D. students, and 5 post-doc researchers.

## TEACHING ACTIVITIES

Since 2000 I regularly teach Cognitive Neuropsychology, Forensic Neuropsychology and Cognitive Rehabilitation to undergraduate, master's degree and Ph.D. students of my university.

## ORGANISATION OF SCIENTIFIC MEETINGS

2012-present	Coordinator of Law and Neuroscience Winter/Summer School, Pavia, Italy.
2014	Organizer of the annual meeting of AIP, Pavia, Italy.
2014	Organizer of International Neuropsychological Symposium annual meeting, Lido di Camaiore (LU), Italy.
2011	Organizer of European Workshop on Cognitive Neuropsychology, Brixen (BZ), Italy.

## REVIEWING ACTIVITIES

2010-present	Associate Editor for Neuroscience Letters.
1994-present	Reviewer for Brain, Cerebral Cortex, Experimental Brain Research, Journal of Neurological Sciences, Journal of Neurology, Neurosurgery and Psychiatry, Journal of Neurophysiology, Neuroimage, Neuron, Neuroreport.

## MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2014-present	Member of Milan Center for Neuroscience (NeuroMi), Milan, Italy.
2013-present	Member of “European Center for Law, Science, and New Technologies”, University of Pavia, Pavia, Italy.
2006-present	Member of the International Neuropsychological Symposium.
1995-present	Member of the Lega Italiana Contro l’Epilessia (LICE), Italy.
1994-present	Member of the British Neuropsychology Society (BNS), UK.
1990-present	Member of the Società Italiana di Neuropsicologia (SINP), Italy.
2015-present	Member of the Società Italiana di Neurologia (SIN), Italy.
2015-present	Member of the International Society of Neuropsychology (INS).
2015-present	Member of the Associazione Italiana Psicologia (AIP), Italy.
2015-present	Member of the Società Italiana di Neurologia Demenze (SINdem), Italy.
2014-present	Proboviro of the Associazione Italiana Malattia di Alzheimer (AIMA), Italy.
2015-present	Member of the Osservatorio Alzheimer Comune di Milano, Italy.

## BIBLIOMETRIC INDICES

Documents: **152**; Citations: **4099**; H-index: **34** (*from Scopus 02/02/2020*)

## PREVIOUS GRANTS

2016-2019	<b>European Union - Horizon 2020 (Task Leader; 242.250 Euros):</b> "Modelling the PRocesses leading to Organised crime and TerrOrist Networks — PROTON"
2011-2014	<b>Italian Ministry of Research and Education Grants - Miur PRIN (Unit coordinator):</b> Neural basis of bodily-awareness.
2009-2012	<b>Italian Ministry of Health Grants – Ricerca Finalizzata (co-Investigator):</b> “MAPS: Studio multicentrico per la standardizzazione di un nuovo strumento informatico per la valutazione delle funzioni cognitive e comportamentali nell’ictus acuto”(RF-2009-1549303).
2007-2010	<b>Italian Ministry of Research and Education Grants - Miur PRIN (co-Investigator):</b> Functional anatomical explorations of motor awareness in patients with anosognosia for hemiplegia and in hemiplegic patients aware of their motor deficit.
2007-2010	<b>Italian Ministry of Health Grants – Ricerca Finalizzata (co-Investigator):</b> “TUTOR: sistema integrato per il supporto della rete ospedale-territorio nella gestione multidisciplinare del paziente mieloleso”.
2003-2006	<b>Italian Ministry of Research and Education Grants - Miur PRIN (co-Investigator PI):</b> Neural mechanisms underlying the modulation of spatial representation induced by vestibular stimulation: fMRI studies in normal subjects and in patients with spatial neglect.
2001-2004	<b>Italian Ministry of Research and Education Grants - Miur PRIN (co-Investigator):</b> Anatomical and functional anatomical bases of aware tactile perception and of the hemispheric asymmetry of body schema representation.

## MAJOR COLLABORATIONS

Prof. Patrick Haggard, Institute of Cognitive Neuroscience & Dept. Psychology, University College London, London, UK.  
Prof. Peter Brugger, Division of Neurology, University of Zurich, Zürich, Switzerland.  
Prof. Luigi Pizzamiglio, Psychology Department, La Sapienza University, Rome, Italy.  
Prof. Annamaria Berti, Psychology Department, University of Turin, Turin, Italy.  
Prof. Eraldo Paulesu, Psychology Department, University of Milano Bicocca, Milan, Italy.  
Prof. Elio Clemente Agostoni, Director of Neurology Division and Stroke Unit, Niguarda Hospital, Milan, Italy.  
Prof. Angelo Maravita, Psychology Department, University of Milano Bicocca, Milan, Italy.  
Dr. Ines Giorgi, Responsible of Psychology Unit, I.R.C.C.S. Salvatore Maugeri, Pavia, Italy.

## PUBLICATIONS

2020

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- Salvato, G., Fiorina, M. L., De Maio, G., Francescon, E., Ovadia, D., Bernardinelli, L., ... & Bottini, G. (2020). pathological risk-propensity typifies Mafia members' cognitive profile. *Scientific Reports*, 10(1), 1-9.
- Saetta G., Hänggi J., Gandola M., Zapparoli L., Salvato G., Berlinger M., Sberna M., Paulesu E., *Bottini G.*, Brugger P. Neural Correlates of Body Integrity Dysphoria. *Curr Biol*. pii: S0960-9822(20)30481-4. doi: 10.1016/j.cub.2020.04.001. [Epub ahead of print].
- Pasotti, F., F.G. Magnani, M. Gallucci, G. Salvato, D. Ovadia, M. Scotto, S. Merolla, S. Beretta, G.R. Micieli, E.C. Agostoni, G. Beretta, G. *Bottini*. Neuropsychological assessment in acute stroke patients. *Neurological Sciences*. 2020. Epub 2020 Jan 9.
- Peviani V, J. Liotta, G. *Bottini*. The motor system (partially) deceives body representation biases in absence of visual correcting cues. *Acta Psychologica*. 2020. Volume 203. Article number 103003.
- Salvato, G., F. Richter, L. Sedeño, G. *Bottini*, E. Paulesu. Building the bodily self-awareness: Evidence for the convergence between interoceptive and exteroceptive information in a multilevel kernel density analysis study. *Human Brain Mapping*. 2020 41(2): 401-418.

2019

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- Salvato, G., D. Romano, G. De Maio, G. *Bottini*. Implicit mechanisms of body image alterations: The covert attention exposure effect. *Attention, Perception, and Psychophysics*. 2019. Article in press.
- Peviani, V., L. Melloni, G. *Bottini*. Visual and somatosensory information contribute to distortions of the body model. 2019. 9(1). *Scientific Reports*. Article number 13570
- Sedda, A., E. Ambrosini, G. Dirupo, D. Tonin, L. Valsecchi, T. Redaelli, M. Spinelli, M. Costantini, G. *Bottini*. Affordances after spinal cord injury. *Journal of Neuropsychology*. 2019. 13(2): 354-369.
- Salvato, G., G. De Maio, G. *Bottini*. Interoceptive sensibility tunes risk-taking behaviour when body-related stimuli come into play. *Scientific Reports*. 2019. 9(1).
- Mariani, V., M. Revay, P. D'Orio, M. Rizzi, V. Pelliccia, M. Nichelatti, G. *Bottini*, L. Nobili, L. Tassi, M. Cossu. Prognostic factors of postoperative seizure outcome in patients with temporal lobe epilepsy and normal magnetic resonance imaging. *Journal of Neurology*. 2019. 266(9): 2144-2156.
- Gasparini, S., E. Beghi, E. Ferlazzo, M. Beghi, V. Belcastro, K.P. Biermann, G. *Bottini*, G. Capovilla, R.A. Cervellione, V. Cianci, G. Coppola, C.M. Cornaggia, P. De Fazio, S. De Masi, G. De Sarro, M. Elia, G. Erba, L. Fusco, A. Gambardella, V. Gentile, et al. Management of psychogenic non-epileptic seizures: a multidisciplinary approach. *European Journal of Neurology*. 2019. 26(2): 205-215.

2018

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- Salvato, G., M. Mercurio, M. Sberna, E. Paulesu, G. *Bottini*. A very light lunch: Interoceptive deficits and food aversion at onset in a case of behavioral variant frontotemporal dementia. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*. 2018. 10: 750-754.
- Salvato, G., M. Gandola, L. Veronelli, M. Berlinger, M. Corbo, G. *Bottini*. "The vestibular system, body temperature and sense of body ownership: a potential link? Insights from a single case study". *Physiology and Behavior*. 2018. 194: 522-526.
- Peviani, V., F.G. Magnani, A. Ciricugno, T. Vecchi, G. *Bottini*. Rubber Hand Illusion survives Ventral Premotor area inhibition: A rTMS study. *Neuropsychologia*. 2018. 120: 18-24.

- Peviani, V. and G. **Bottini**. The distorted hand metric representation serves both perception and action. *Journal of Cognitive Psychology*. 2018. **30**(8): 880-893.
- Passoni, S., T. Curinga, A. Toraldo, M. Berlingeri, I. Fernandez, G. **Bottini**. Eye Movement Desensitization and Reprocessing Integrative Group Treatment Protocol (EMDR-IGTP) applied to caregivers of patients with dementia. *Frontiers in Psychology*. 2018. **9**(JUN).
- Passoni, S., A. Capacchione, G. **Bottini**. The theoretical and conceptual evolution of the construct of grief in caregivers of patients with dementia. *Psicoterapia Cognitiva e Comportamentale*. 2018. **24**(3): 271-290.
- Bottini**, G., F.G. Magnani, G. Salvato, M. Gandola. Multiple dissociations in patients with disorders of body awareness: Implications for the study of consciousness. *Frontiers in Psychology*. 2018. **9**(OCT).

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2017

- Scarpa, P., A. Toraldo, V. Peviani, G. **Bottini**. Let's cut it short: Italian standardization of the MMSPE (Mini-Mental State Pediatric Examination), a brief cognitive screening tool for school-age children. *Neurological Sciences*. 2017. **38**(1): 157-162.
- Salvato, G., V. Peviani, E. Scarano, P. Scarpa, A. Leo, T. Redaelli, M. Spinelli, M. Sberna, G. **Bottini**. Dissociation between preserved body structural description and impaired body image following a pediatric spinal trauma. *Neurocase*. 2017. **23**(2): 149-153.
- Salvato, G., G. De Maio, G. **Bottini**. Exploring biased attention towards body-related stimuli and its relationship with body awareness. *Scientific Reports*. 2017. **7**(1).
- Danelli, L., M. Berlingeri, G. **Bottini**, N.A. Borghese, M. Lucchese, M. Sberna, C.J. Price, E. Paulesu. How many deficits in the same dyslexic brains? A behavioural and fMRI assessment of comorbidity in adult dyslexics. *Cortex*. 2017. **97**: 125-142.
- d'Orio, P., V. Pelliccia, F. Gozzo, F. Cardinale, L. Castana, G. Lo Russo, G. **Bottini**, P. Scarpa, M. Cossu. Epilepsy surgery in patients older than 50 years: Effectiveness, safety, and predictors of outcome. *Seizure*. 2017. **50**: 60-66.
- Bonanni, L., A. Cagnin, F. Agosta, C. Babiloni, B. Borroni, M. Bozzali, A.C. Bruni, M. Filippi, D. Galimberti, R. Monastero, C. Muscio, L. Parnetti, D. Perani, L. Serra, V. Silani, P. Tiraboschi, A. Padovani, D.L.B.S.s.g. On behalf of, A. Alberici, M. Alberoni, et al. The Italian dementia with Lewy bodies study group (DLB-SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. *Neurological Sciences*. 2017. **38**(1): 83-91.
- Berlingeri, M., D. Losasso, A. Girolo, E. Cozzolino, T. Masullo, M. Scotto, M. Sberna, G. **Bottini**, E. Paulesu. Resting state brain connectivity patterns before eventual relapse into cocaine abuse. *Behavioural Brain Research*. 2017. **327**: 121-132.

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2016

- Sedda, A., D. Tonin, G. Salvato, M. Gandola, G. **Bottini**. Left caloric vestibular stimulation as a tool to reveal implicit and explicit parameters of body representation. *Consciousness and Cognition*. 2016. **41**: 1-9.
- Salvato, G., P. Scarpa, S. Francione, R. Mai, L. Tassi, E. Scarano, G. Lo Russo, G. **Bottini**. Declarative long-term memory and the mesial temporal lobe: Insights from a 5-year postsurgery follow-up study on refractory temporal lobe epilepsy. *Epilepsy and Behavior*. 2016. **64**: 102-109.
- Salvato, G., M. Gandola, L. Veronelli, E.C. Agostoni, M. Sberna, M. Corbo, G. **Bottini**. The spatial side of somatoparaphrenia: a case study. *Neurocase*. 2016. **22**(2): 154-160.
- Peviani, V., P. Scarpa, A. Toraldo, G. **Bottini**. Accounting for ethnic-cultural and linguistic diversity in neuropsychological assessment of patients with drug-resistant epilepsy: A retrospective study. *Epilepsy and Behavior*. 2016. **64**: 94-101.
- Gandola, M., A. Sedda, M. Manera, V. Pingue, G. Salvato, G.F. Spitoni, C. Pistarini, I. Giorgi, L. Pizzamiglio, G. **Bottini**. Corrigendum to "Selective improvement of anosognosia for hemiplegia during transcranial direct current stimulation: A case report" [*Cortex* 61 (2014) 107-119]. *Cortex*. 2016. **77**: 167.
- Fiori, F., A. Sedda, E.R. Ferrè, A. Toraldo, M. Querzola, F. Pasotti, D. Ovadia, C. Piroddi, R. Dell'Aquila, C. Lunetta, M. Corbo, G. **Bottini**. Erratum to: Exploring motor and visual imagery in Amyotrophic Lateral Sclerosis (*Experimental Brain Research*, (2013), 226, (537-547), DOI:10.1007/s00221-013-3465-9). *Experimental Brain Research*. 2016. **234**(6): 1783.

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2015

- Romano, D., A. Sedda, P. Brugger, G. **Bottini**. Body ownership: When feeling and knowing diverge. *Consciousness and Cognition*. 2015. **34**: 140-148.
- Passoni, S., A. Toraldo, B. Villa, G. **Bottini**. Prolonged grief in caregivers of community-dwelling dementia patients. *American Journal of Alzheimer's Disease and other Dementias*. 2015. **30**(2): 192-200.
- Ovadia, D. and G. **Bottini**. Neuroethical implications of deep brain stimulation in degenerative disorders. *Current Opinion in Neurology*. 2015. **28**(6): 598-603.
- Ferrè, E.R., P. Haggard, G. **Bottini**, G.D. Iannetti. Caloric vestibular stimulation modulates nociceptive evoked potentials. *Experimental Brain Research*. 2015. **233**(12): 3393-3401.
- Bottini**, G. and M. Gandola. Beyond the non-specific attentional effect of caloric vestibular stimulation: Evidence from healthy subjects and patients. *Multisensory Research*. 2015. **28**(5-6): 591-612.
- Bottini**, G., P. Brugger, A. Sedda. Is the desire for amputation related to disturbed emotion processing? A multiple case study analysis in BIID. *Neurocase*. 2015. **21**(3): 394-402.
- Bottini**, G. Editorial. *Current Opinion in Neurology*. 2015. **28**(6): 595-597.
- Berlingeri, M., A. Ravasio, S. Cranna, S. Basilico, M. Sberna, G. **Bottini**, E. Paulesu. Unrealistic representations of "the self": A cognitive neuroscience assessment of anosognosia for memory deficit. *Consciousness and Cognition*. 2015. **37**: 160-177.

2014

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- Sedda, A. and G. **Bottini**. Apotemnophilia, body integrity identity disorder or xenomelia? psychiatric and neurologic etiologies face each other. *Neuropsychiatric Disease and Treatment*. 2014. **10**: 1255-1265.
- Salvato, G., A. Sedda, G. **Bottini**. In search of the disappeared half of it: 35 years of studies on representational neglect. *Neuropsychology*. 2014. **28**(5): 706-716.
- Romano, D., A. Sedda, R. Dell'Aquila, D. Dalla Costa, G. Beretta, A. Maravita, G. **Bottini**. Controlling the alien hand through the mirror box. A single case study of Alien Hand Syndrome. *Neurocase*. 2014. **20**(3): 307-316.
- Romano, D., M. Gandola, G. **Bottini**, A. Maravita. Arousal responses to noxious stimuli in somatoparaphrenia and anosognosia: Clues to body awareness. *Brain*. 2014. **137**(4): 1213-1223.
- Passoni, S., L. Moroni, A. Toraldo, M.T. Mazzà, G. Bertolotti, N. Vanacore, G. **Bottini**. Cognitive behavioral group intervention for alzheimer caregivers. *Alzheimer Disease and Associated Disorders*. 2014. **28**(3): 275-282.
- Gandola, M., A. Sedda, M. Manera, V. Pingue, G. Salvato, G.F. Spitoni, C. Pistarini, I. Giorgi, L. Pizzamiglio, G. **Bottini**. Selective improvement of anosognosia for hemiplegia during transcranial direct current stimulation: A case report. *Cortex*. 2014. **61**: 107-119.
- Gandola, M., G. **Bottini**, L. Zapparoli, P. Invernizzi, M. Verardi, R. Sterzi, I. Santilli, M. Sberna, E. Paulesu. The physiology of motor delusions in anosognosia for hemiplegia: Implications for current models of motor awareness. *Consciousness and Cognition*. 2014. **24**(1): 98-112.
- Fiori, F., A. Sedda, E.R. Ferrè, A. Toraldo, M. Querzola, F. Pasotti, D. Ovadia, C. Piroddi, R. Dell'Aquila, T. Redaelli, G. **Bottini**. Motor imagery in spinal cord injury patients: Moving makes the difference. *Journal of Neuropsychology*. 2014. **8**(2): 199-215.

2013

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- Zapparoli, L., P. Invernizzi, M. Gandola, M. Verardi, M. Berlingeri, M. Sberna, A. De Santis, A. Zerbi, G. Banfi, G. **Bottini**, E. Paulesu. Mental images across the adult lifespan: A behavioural and fMRI investigation of motor execution and motor imagery. *Experimental Brain Research*. 2013. **224**(4): 519-540.
- Sedda, A., D. Rivolta, P. Scarpa, M. Burt, E. Frigerio, G. Zanardi, A. Piazzini, K. Turner, M.P. Canevini, S. Francione, G. Lo Russo, G. **Bottini**. Ambiguous emotion recognition in temporal lobe epilepsy: The role of expression intensity. *Cognitive, Affective and Behavioral Neuroscience*. 2013. **13**(3): 452-463.
- Sedda, A., E.R. Ferrè, C.L. Striemer, G. **Bottini**. Neglect's perspective on the Ponzo illusion. *Experimental Brain Research*. 2013. **227**(4): 487-496.
- Sedda, A., N.A. Borghese, M. Ronchetti, R. Mainetti, F. Pasotti, G. Beretta, G. **Bottini**. Using virtual reality to rehabilitate neglect. *Behavioural Neurology*. 2013. **26**(3): 183-185.
- Ross, J., S. Sharma, J. Winston, M. Nunez, G. **Bottini**, M. Franceschi, E. Scarpini, E. Frigerio, F. Fiorentini, M. Fernandez, S. Sivilia, L. Giardino, L. Calzà, D. Norris, H. Cicirello, D. Casula, B.P. Imbimbo. CHF5074 reduces biomarkers of neuroinflammation in patients with mild cognitive impairment: A 12-week, double-blind, placebo-controlled study. *Current Alzheimer Research*. 2013. **10**(7): 742-743.

- Romano, D., G. **Bottini**, A. Maravita. Perceptual effects of the mirror box training in normal subjects. *Restorative Neurology and Neuroscience*. 2013. **31**(4): 373-386.
- Piazzini, A., P. Scarpa, K. Turner, E. Zambrelli, G. Didato, S. Francione, L. Tassi, A. Vignoli, V. Chiesa, M. Bononi, F. Labriola, V. Edefonti, F. Bravi, M. Ferraroni, G. Lo Russo, M.P. Canevini, G. **Bottini**. A neuropsychological study in patients who did not undergo neurosurgery, patients who underwent surgery procedures, and normal controls: A 5-year longitudinal comparison. *Bollettino - Lega Italiana contro l'Epilessia*. 2013(145): 261-265.
- Mainetti, R., A. Sedda, M. Ronchetti, G. **Bottini**, N.A. Borghese. Duckneglect: Video-games based neglect rehabilitation. *Technology and Health Care*. 2013. **21**(2): 97-111.
- Invernizzi, P., M. Gandola, D. Romano, L. Zapparoli, G. **Bottini**, E. Paulesu. What is mine? Behavioral and anatomical dissociations between somatoparaphrenia and anosognosia for hemiplegia. *Behavioural Neurology*. 2013. **26**(1-2): 139-150.
- Guerrini, R., M. Scerrati, G. Rubboli, V. Esposito, G. Colicchio, M. Cossu, C.E. Marras, L. Tassi, P. Tinuper, M.P. Canevini, P. Quarato, F. Giordano, T. Granata, F. Villani, M. Giulioni, P. Scarpa, V. Barbieri, G. **Bottini**, A. Del Sole, G. Vatti, et al. Overview of presurgical assessment and surgical treatment of epilepsy from the Italian League Against Epilepsy. *Epilepsia*. 2013. **54**(SUPPL.7): 35-48.
- Gandola, M., A. Toraldo, P. Invernizzi, L. Corrado, M. Sberna, I. Santilli, G. **Bottini**, E. Paulesu. How many forms of perseveration? Evidence from cancellation tasks in right hemisphere patients. *Neuropsychologia*. 2013. **51**(14): 2960-2975.
- Fiori, F., A. Sedda, E.R. Ferrè, A. Toraldo, M. Querzola, F. Pasotti, D. Ovadia, C. Piroddi, R. Dell'Aquila, C. Lunetta, M. Corbo, G. **Bottini**. Exploring motor and visual imagery in Amyotrophic Lateral Sclerosis. *Experimental Brain Research*. 2013. **226**(4): 537-547.
- Ferrè, E.R., B.L. Day, G. **Bottini**, P. Haggard. How the vestibular system interacts with somatosensory perception: A sham-controlled study with galvanic vestibular stimulation. *Neuroscience Letters*. 2013. **550**: 35-40.
- Ferrè, E.R., G. **Bottini**, G.D. Iannetti, P. Haggard. The balance of feelings: Vestibular modulation of bodily sensations. *Cortex*. 2013. **49**(3): 748-758.
- Derada Troletti, I., L. Danelli, P. Scarpa, S. Francione, G. Lo Russo, E. Paulesu, G. **Bottini**. Reading disorder in children with drug-resistant focal epilepsy. *Bollettino - Lega Italiana contro l'Epilessia*. 2013(145): 240-242.
- Danelli, L., G. Cossu, M. Berlingeri, G. **Bottini**, M. Sberna, E. Paulesu. Is a lone right hemisphere enough? Neurolinguistic architecture in a case with a very early left hemispherectomy. *Neurocase*. 2013. **19**(3): 209-231.
- Danelli, L., M. Berlingeri, G. **Bottini**, F. Ferri, L. Vacchi, M. Sberna, E. Paulesu. Neural intersections of the phonological, visual magnocellular and motor/cerebellar systems in normal readers: Implications for imaging studies on dyslexia. *Human Brain Mapping*. 2013. **34**(10): 2669-2687.
- Bottini**, G., A. Sedda, D. Ovadia. Past present and future of neuroscience and law. *Rassegna Italiana di Criminologia*. 2013(1): 17-22.
- Bottini**, G., M. Gandola, A. Sedda, E.R. Ferrè. Caloric vestibular stimulation: Interaction between somatosensory system and vestibular apparatus. *Frontiers in Integrative Neuroscience*. 2013. **7**(SEP).
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## 2012

- Sedda, A., S. Passoni, G. **Bottini**. Perseverations and non-verbal confabulations on the Rey-Osterrieth Complex Figure Test in a fronto-temporal dementia single case study. *Neurocase*. 2012. **18**(5): 366-376.
- Sedda, A., V. Manfredi, G. **Bottini**, M. Cristani, V. Murino. Automatic human interaction understanding: Lessons from a multidisciplinary approach. *Frontiers in Human Neuroscience*. 2012: 1-3.
- Gandola, M., P. Invernizzi, A. Sedda, E.R. Ferrè, R. Sterzi, M. Sberna, E. Paulesu, G. **Bottini**. An anatomical account of somatoparaphrenia. *Cortex*. 2012. **48**(9): 1165-1178.
- Ferrè, E.R., G. **Bottini**, P. Haggard. Vestibular inputs modulate somatosensory cortical processing. *Brain Structure and Function*. 2012. **217**(4): 859-864.
- Clerici, F., N. Vanacore, A. Elia, S. Spila-Alegiani, S. Pomati, R. Da Cas, R. Raschetti, C. Mariani, R. Altavilla, I. Appollonio, V. Isella, S. Avanzi, C. Bargnani, C. Bascelli, G. Bellelli, F. Guerini, G. Belotti, G. **Bottini**, M.

- Gerini, A. Cheldi, et al. Memantine effects on behaviour in moderately severe to severe Alzheimer's disease: A post-marketing surveillance study. *Neurological Sciences*. 2012. **33**(1): 23-31.
- Bottini**, G., M. Berlingeri, S. Basilio, S. Passoni, L. Danelli, N. Colombo, M. Sberna, M. Franceschi, R. Sterzi, E. Paulesu. GOOD or BAD responder? Behavioural and neuroanatomical markers of clinical response to donepezil in dementia. *Behavioural Neurology*. 2012. **25**(2): 61-72.
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