

# CURRICULUM VITAE di:

Nominativo	Cecilia Guariglia
------------	-------------------

## Posizione accademica

Macrosettore:	11/E
Settore Concorsuale:	11/E1
Settore Scientifico Disciplinare:	M-PSI/02
Qualifica:	Professore I fascia
Anzianità nel ruolo:	11 anni
Sede Universitaria:	Università La Sapienza di Roma
Struttura di afferenza (dipartimento o altro)	Dipartimento di Psicologia

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
1996-1998	Ricercatore	Università La Sapienza di Roma
1998-2006	Professore II fascia	Università La Sapienza di Roma

## Pubblicazioni Scientifiche

n. progr.	anno	Descrizione pubblicazione
1.	2018	Di Vita A, Boccia M, Palermo L, Nemmi F, Traballesi M, Brunelli S, De Giorgi R, Galati G, Guariglia C. Cerebellar grey matter modifications in lower limb amputees not using prosthesis. <i>Scientific Report</i> 2018 Jan 10;8:370. doi: 10.1038/s41598-017-18772-2.
2.	2017	Boccia M, Rosella M, Vecchione F, Tanzilli A, Palermo L, D'Amico S, Guariglia C, Piccardi L. Enhancing Allocentric Spatial Recall in Pre-schoolers through Navigational Training Programme. <i>Front Neurosci</i> . 2017 Oct 16;11:574. doi:

		10.3389/fnins.2017.00574. eCollection 2017. PubMed PMID: 29085278; PubMed Central PMCID: PMC5650605.
3.	2017	Romani C, Galuzzi C, Guariglia C, Goslin J. Comparing phoneme frequency, age of acquisition, and loss in aphasia: Implications for phonological universals. <i>Cogn Neuropsychol</i> . 2017 Sep 15;1-23. doi: 10.1080/02643294.2017.1369942. [Epub ahead of print] PubMed PMID: 28914137.
4.	2017	Boccia M, Vecchione F, Piccardi L, Guariglia C. Effect of Cognitive Style on Learning and Retrieval of Navigational Environments. <i>Front Pharmacol</i> . 2017 Jul 25;8:496. doi: 10.3389/fphar.2017.00496. eCollection 2017. PubMed PMID: 28790920; PubMed Central PMCID: PMC5524881.
5.	2017	Boccia M, Marin D, D'Antuono G, Ciurli P, Incoccia C, Antonucci G, Guariglia C, Piccardi L. The Tower of London (ToL) in Italy: standardization of the ToL test in an Italian population. <i>Neurol Sci</i> . 2017 Jul;38(7):1263-1270. doi: 10.1007/s10072-017-2957-y. Epub 2017 Apr 21. PubMed PMID: 28432516.
6.	2017	Boccia M, Barbetti S, Piccardi L, Guariglia C, Giannini AM. Neuropsychology of Aesthetic Judgment of Ambiguous and Non-Ambiguous Artworks. <i>Behav Sci (Basel)</i> . 2017 Mar 18;7(1). pii: E13. doi: 10.3390/bs7010013. PubMed PMID: 28335460; PubMed Central PMCID: PMC5371757.
7.	2017	Boccia M, Piccardi L, D'Alessandro A, Nori R, Guariglia C. Restructuring the navigational field: individual predisposition towards field independence predicts preferred navigational strategy. <i>Exp Brain Res</i> . 2017 Jun;235(6):1741-1748. doi: 10.1007/s00221-017-4936-1. Epub 2017 Mar 10. PubMed PMID: 28283695.
8.	2017	Tedesco AM, Bianchini F, Piccardi L, Clausi S, Berthoz A, Molinari M, Guariglia C, Leggio M. Does the cerebellum contribute to human navigation by processing sequential information? <i>Neuropsychology</i> . 2017 Jul;31(5):564-574. doi: 10.1037/neu0000354. Epub 2017 Feb 23. PubMed PMID: 28230386.
9.	2017	Rigon J, Burro R, Guariglia C, Maini M, Marin D, Ciurli P, Bivona U, Formisano R. Self-awareness rehabilitation after Traumatic Brain Injury: A pilot study to compare two group therapies. <i>Restor Neurol Neurosci</i> . 2017;35(1):115-127. doi: 10.3233/RNN-150538. PubMed PMID: 28059799; PubMed Central PMCID: PMC5302046.
10.	2017	Sulpizio V, Boccia M, Guariglia C, Galati G. Implicit coding of location and direction in a familiar, real-world "vista" space. <i>Behav Brain Res</i> . 2017 Feb 15;319:16-24. doi: 10.1016/j.bbr.2016.10.052. Epub 2016 Nov 10. PubMed PMID: 27840248.
11.	2017	Nemmi F, Boccia M, Guariglia C. Does aging affect the formation of new topographical memories? Evidence from an extensive spatial training. <i>Neuropsychol Dev Cogn B Aging Neuropsychol Cogn</i> . 2017 Jan;24(1):29-44. Epub 2016 Apr 4. PubMed PMID: 27045346.
12.	2017	Boccia M, Sulpizio V, Nemmi F, Guariglia C, Galati G. Direct and indirect parieto-medial temporal pathways for spatial navigation in humans: evidence from resting-state functional connectivity. <i>Brain Struct Funct</i> . 2017 May;222(4):1945-1957. doi: 10.1007/s00429-016-1318-6. Epub 2016 Oct 4. PubMed PMID: 27704218.
13.	2017	D'Antuono G, La Torre FR, Marin D, Antonucci G, Piccardi L, Guariglia C. Role of working memory, inhibition, and fluid intelligence in the performance of the Tower of London task. <i>Appl Neuropsychol Adult</i> . 2017 Nov-Dec;24(6):548-558. doi: 10.1080/23279095.2016.1225071. Epub 2016 Sep 20. PubMed PMID: 27645626.
14.	2016	Boccia M, Dacquino C, Piccardi L, Cordellieri P, Guariglia C, Ferlazzo F, Ferracuti S, Giannini AM. Neural foundation of human moral reasoning: an ALE meta-analysis about the role of personal perspective. <i>Brain Imaging Behav</i> . 2017

		Feb;11(1):278-292. doi: 10.1007/s11682-016-9505-x. Review. PubMed PMID: 26809288.
15.	2016	Boccia M, Sulpizio V, Palermo L, Piccardi L, Guariglia C, Galati G. I can see where you would be: Patterns of fMRI activity reveal imagined landmarks. <i>Neuroimage</i> . 2017 Jan 1;144(Pt A):174-182. doi: 10.1016/j.neuroimage.2016.08.034. Epub 2016 Aug 20. PubMed PMID: 27554528.
16.	2016	Piccardi L, De Luca M, Nori R, Palermo L, Iachini F, Guariglia C. Navigational Style Influences Eye Movement Pattern during Exploration and Learning of an Environmental Map. <i>Front Behav Neurosci</i> . 2016 Jun 29;10:140. doi: 10.3389/fnbeh.2016.00140. eCollection 2016. PubMed PMID: 27445735; PubMed Central PMCID: PMC4925711.
17.	2016	Boccia M, Silveri MC, Sabatini U, Guariglia C, Nemmi F. Neural Underpinnings of the Decline of Topographical Memory in Mild Cognitive Impairment. <i>Am J Alzheimers Dis Other Demen</i> . 2016 Dec;31(8):618-630. Epub 2016 Jun 14. PubMed PMID: 27307142.
18.	2016	Boccia M, Piccardi L, Di Marco M, Pizzamiglio L, Guariglia C. Does field independence predict visuo-spatial abilities underpinning human navigation? Behavioural evidence. <i>Exp Brain Res</i> . 2016 Oct;234(10):2799-807. doi: 10.1007/s00221-016-4682-9. Epub 2016 May 25. PubMed PMID: 27225254.
19.	2016	Di Vita A, Palermo L, Piccardi L, Di Tella J, Propato F, Guariglia C. Body representation alterations in personal but not in extrapersonal neglect patients. <i>Appl Neuropsychol Adult</i> . 2017 Jul-Aug;24(4):308-317. doi: 10.1080/23279095.2016.1174866. Epub 2016 May 16. PubMed PMID: 27183152.
20.	2016	Di Vita A, Boccia M, Palermo L, Guariglia C. To move or not to move, that is the question! Body schema and non-action oriented body representations: An fMRI meta-analytic study. <i>Neurosci Biobehav Rev</i> . 2016 Sep;68:37-46. doi: 10.1016/j.neubiorev.2016.05.005. Epub 2016 May 10. Review. PubMed PMID: 27177829.
21.	2016	Palermo L, Piccardi L, Nori R, Giusberti F, Guariglia C. The impact of ageing and gender on visual mental imagery processes: A study of performance on tasks from the Complete Visual Mental Imagery Battery (CVMIB). <i>J Clin Exp Neuropsychol</i> . 2016 Sep;38(7):752-63. doi: 10.1080/13803395.2016.1161735. Epub 2016 May 1. PubMed PMID: 27134072.
22.	2016	Sulpizio V, Boccia M, Guariglia C, Galati G. Functional connectivity between posterior hippocampus and retrosplenial complex predicts individual differences in navigational ability. <i>Hippocampus</i> . 2016 Jul;26(7):841-7. doi: 10.1002/hipo.22592. Epub 2016 Apr 18. PubMed PMID: 27013151.
23.	2016	Palmiero M, Piccardi L, Nori R, Palermo L, Salvi C, Guariglia C. Editorial: Creativity and Mental Imagery. <i>Front Psychol</i> . 2016 Aug 25;7:1280. doi: 10.3389/fpsyg.2016.01280. eCollection 2016. PubMed PMID: 27610094; PubMed Central PMCID: PMC4996989.
24.	2016	Boccia M, Barbetti S, Piccardi L, Guariglia C, Ferlazzo F, Giannini AM, Zaidel DW. Where does brain neural activation in aesthetic responses to visual art occur? Meta-analytic evidence from neuroimaging studies. <i>Neurosci Biobehav Rev</i> . 2016 Jan;60:65-71. doi: 10.1016/j.neubiorev.2015.09.009. Epub 2015 Nov 24. Review. PubMed PMID: 26619805.
25.	2016	Iosa M, Guariglia C, Matano A, Paolucci S, Pizzamiglio L. Recovery of personal

		neglect. <i>Eur J Phys Rehabil Med.</i> 2016 Dec;52(6):791-798. Epub 2015 Nov 27. PubMed PMID: 26616358.
26.	2016	Palermo L, Cinelli MC, Piccardi L, Ciurli P, Incoccia C, Zompanti L, Guariglia C. Women outperform men in remembering to remember. <i>Q J Exp Psychol (Hove).</i> 2016;69(1):65-74. doi: 10.1080/17470218.2015.1023734. Epub 2015 Apr 8. PubMed PMID: 25850858.
27.	2016	Boccia M, Guariglia C, Sabatini U, Nemmi F. Navigating toward a novel environment from a route or survey perspective: neural correlates and context-dependent connectivity. <i>Brain Struct Funct.</i> 2016 May;221(4):2005-21. doi: 10.1007/s00429-015-1021-z. Epub 2015 Mar 5. PubMed PMID: 25739692.
28.	2015	Piccardi L, Nori R, Boccia M, Barbetti S, Verde P, Guariglia C, Ferlazzo F. A dedicated system for topographical working memory: evidence from domain-specific interference tests. <i>Exp Brain Res.</i> 2015 Aug;233(8):2489-95. doi: 10.1007/s00221-015-4320-y. Epub 2015 May 24. PubMed PMID: 26003128.
29.	2015	Boccia M, Piccardi L, Cordellieri P, Guariglia C, Giannini AM. EMDR therapy for PTSD after motor vehicle accidents: meta-analytic evidence for specific treatment. <i>Front Hum Neurosci.</i> 2015 Apr 21;9:213. doi: 10.3389/fnhum.2015.00213. eCollection 2015. PubMed PMID: 25954183; PubMed Central PMCID: PMC4404810.
30.	2015	Verde P, Piccardi L, Bianchini F, Guariglia C, Carrozzo P, Morgagni F, Boccia M, Di Fiore G, Tomao E. Gender differences in navigational memory: pilots vs. nonpilots. <i>Aerosp Med Hum Perform.</i> 2015 Feb;86(2):103-11. doi: 10.3357/AMHP.4024.2015. PubMed PMID: 25946734.
31.	2015	Committeri G, Piccardi L, Galati G, Guariglia C. Where did you "left" Piazza del Popolo? At your "right" temporo-parietal junction. <i>Cortex.</i> 2015 Dec;73:106-11. doi: 10.1016/j.cortex.2015.08.009. Epub 2015 Aug 22. PubMed PMID: 26386443.
32.	2015	Galluzzi C, Bureca I, Guariglia C, Romani C. Phonological simplifications, apraxia of speech and the interaction between phonological and phonetic processing. <i>Neuropsychologia.</i> 2015 May;71:64-83. doi: 10.1016/j.neuropsychologia.2015.03.007. Epub 2015 Mar 13. PubMed PMID: 25772602.
33.	2015	Piccardi L, Nori R, Palermo L, Guariglia C, Giusberti F. Age effect in generating mental images of buildings but not common objects. <i>Neurosci Lett.</i> 2015 Aug 18;602:79-83. doi: 10.1016/j.neulet.2015.06.058. Epub 2015 Jul 3. PubMed PMID: 26149230.
34.	2015	Matano A, Iosa M, Guariglia C, Pizzamiglio L, Paolucci S. Does outcome of neuropsychological treatment in patients with unilateral spatial neglect after stroke affect functional outcome? <i>Eur J Phys Rehabil Med.</i> 2015 Dec;51(6):737-43. Epub 2015 Feb 26. PubMed PMID: 25739509.
35.	2015	Piccardi L, Palermo L, Bocchi A, Guariglia C, D'Amico S. Does spatial locative comprehension predict landmark-based navigation? <i>PLoS One.</i> 2015 Jan 28;10(1):e0115432. doi: 10.1371/journal.pone.0115432. eCollection 2015. PubMed PMID: 25629814; PubMed Central PMCID: PMC4309642.
36.	2015	Di Vita A, Palermo L, Piccardi L, Guariglia C. Peculiar body representation alterations in hemineglect: a case report. <i>Neurocase.</i> 2015;21(6):697-706. doi: 10.1080/13554794.2014.974620. Epub 2014 Oct 31. PubMed PMID: 25360817.
37.	2015	Boccia M, Piccardi L, Palermo L, Nemmi F, Sulzizio V, Galati G, Guariglia C. A penny for your thoughts! patterns of fMRI activity reveal the content and the spatial topography of visual mental images. <i>Hum Brain Mapp.</i> 2015 Mar;36(3):945-58. doi: 10.1002/hbm.22678. Epub 2014 Oct 31. PubMed PMID: 25359694.

38.	2015	Boccia M, Nemmi F, Tizzani E, Guariglia C, Ferlazzo F, Galati G, Giannini AM. Do you like Arcimboldo's? Esthetic appreciation modulates brain activity in solving perceptual ambiguity. <i>Behav Brain Res.</i> 2015 Feb 1;278:147-54. doi: 10.1016/j.bbr.2014.09.041. Epub 2014 Oct 5. PubMed PMID: 25289490.
39.	2014	Nemmi F, Bianchini F, Piras F, Péran P, Palermo L, Piccardi L, Sabatini U, Guariglia C. Finding my own way: an fMRI single case study of a subject with developmental topographical disorientation. <i>Neurocase.</i> 2015;21(5):573-83. doi: 10.1080/13554794.2014.960424. Epub 2014 Oct 3. PubMed PMID: 25279725.
40.	2014	Grossi D, Di Vita A, Palermo L, Sabatini U, Trojano L, Guariglia C. The brain network for self-feeling: a symptom-lesion mapping study. <i>Neuropsychologia.</i> 2014 Oct;63:92-8. doi: 10.1016/j.neuropsychologia.2014.08.004. Epub 2014 Aug 21. PubMed PMID: 25151094.
41.	2014	Piccardi L, Verde P, Bianchini F, Morgagni F, Guariglia C, Strollo F, Tomao E. Deficits in visuo-spatial but not in topographical memory during pregnancy and the postpartum state in an expert military pilot: a case report. <i>BMC Res Notes.</i> 2014 Aug 13;7:524. doi: 10.1186/1756-0500-7-524. PubMed PMID: 25115346; PubMed Central PMCID: PMC4138368.
42.	2014	Boccia M, Barbetti S, Margiotta R, Guariglia C, Ferlazzo F, Giannini AM. Why do you like Arcimboldo's portraits? Effect of perceptual style on aesthetic appreciation of ambiguous artworks. <i>Atten Percept Psychophys.</i> 2014 Aug;76(6):1516-21. doi: 10.3758/s13414-014-0739-7. PubMed PMID: 25085737.
43.	2014	Boccia M, Piccardi L, Palermo L, Nemmi F, Sulpizio V, Galati G, Guariglia C. One's own country and familiar places in the mind's eye: different topological representations for navigational and non-navigational contents. <i>Neurosci Lett.</i> 2014 Sep 5;579:52-7. doi: 10.1016/j.neulet.2014.07.008. Epub 2014 Jul 17. PubMed PMID: 25038420.
44.	2014	Bianchini F, Di Vita A, Palermo L, Piccardi L, Blundo C, Guariglia C. A selective egocentric topographical working memory deficit in the early stages of Alzheimer's disease: a preliminary study. <i>Am J Alzheimers Dis Other Demen.</i> 2014 Dec;29(8):749-54. doi: 10.1177/1533317514536597. Epub 2014 Jun 5. PubMed PMID: 24906969.
45.	2014	Palermo L, Di Vita A, Piccardi L, Traballesi M, Guariglia C. Bottom-up and top-down processes in body representation: a study of brain-damaged and amputee patients. <i>Neuropsychology.</i> 2014 Sep;28(5):772-81. doi: 10.1037/neu0000086. Epub 2014 May 5. PubMed PMID: 24799290.
46.	2014	Palermo L, Piccardi L, Bianchini F, Nemmi F, Giorgio V, Incoccia C, Sabatini U, Guariglia C. Looking for the compass in a case of developmental topographical disorientation: a behavioral and neuroimaging study. <i>J Clin Exp Neuropsychol.</i> 2014;36(5):464-81. doi: 10.1080/13803395.2014.904843. Epub 2014 Apr 17. PubMed PMID: 24742227.
47.	2014	Piccardi L, Bianchini F, Nori R, Marano A, Iachini F, Lasala L, Guariglia C. Spatial location and pathway memory compared in the reaching vs. walking domains. <i>Neurosci Lett.</i> 2014 Apr 30;566:226-30. doi: 10.1016/j.neulet.2014.03.005. Epub 2014 Mar 12. PubMed PMID: 24631564.
48.	2014	Piccardi L, Leonzi M, D'Amico S, Marano A, Guariglia C. Development of navigational working memory: evidence from 6- to 10-year-old children. <i>Br J DevPsychol.</i> 2014 Jun;32(2):205-17. doi: 10.1111/bjdp.12036. Epub 2014 Mar 3. PubMed PMID: 24588844.
49.	2014	Piccardi L, Palermo L, Leonzi M, Risetti M, Zompanti L, D'Amico S, Guariglia C. The Walking Corsi Test (WaCT): a normative study of topographical working memory in a sample of 4- to 11-year-olds. <i>Clin Neuropsychol.</i> 2014;28(1):84-

		96.doi: 10.1080/13854046.2013.863976. PubMed PMID: 24580053.
50.	2014	Boccia M, Nemmi F, Guariglia C. Neuropsychology of environmental navigation in humans: review and meta-analysis of fMRI studies in healthy participants. <i>Neuropsychol Rev.</i> 2014 Jun;24(2):236-51. doi: 10.1007/s11065-014-9247-8. Epub 2014 Feb 1. Review. PubMed PMID: 24488500; PubMed Central PMCID: PMC4010721.
51.	2014	Boccia M, Silveri MC, Guariglia C. Visuo-perceptive priming in Alzheimer's disease: evidence for a multi-componential implicit memory system. <i>J Alzheimers Dis.</i> 2014;40(2):455-63. doi: 10.3233/JAD-131775. PubMed PMID: 24448783.
52.	2014	Palermo L, Foti F, Ferlazzo F, Guariglia C, Petrosini L. I find my way in a maze but not in my own territory! Navigational processing in developmental topographical disorientation. <i>Neuropsychology.</i> 2014 Jan;28(1):135-46. doi: 10.1037/neu0000021. Epub 2013 Nov 11. PubMed PMID: 24219605.
53.	2014	Blanchini F, Palermo L, Piccardi L, Incoccia C, Nemmi F, Sabatini U, Guariglia C. Where Am I? A new case of developmental topographical disorientation. <i>J Neuropsychol.</i> 2014 Mar;8(1):107-24. doi: 10.1111/jnp.12007. Epub 2013 Jan 21. PubMed PMID: 23336564.
54.	2013	Piccardi L, Verde P, Bianchini F, Morgagni F, Guariglia C, Strollo F. Mental rotation task in a pilot during and after pregnancy. <i>Aviat Space Environ Med.</i> 2013 Oct;84(10):1092-4. PubMed PMID: 24261064.
55.	2013	Guariglia C, Palermo L, Piccardi L, Iaria G, Incoccia C. Neglecting the left side of a city square but not the left side of its clock: prevalence and characteristics of representational neglect. <i>PLoS One.</i> 2013 Jul 10;8(7):e67390. doi: 10.1371/journal.pone.0067390. Print 2013. PubMed PMID: 23874416; PubMed Central PMCID: PMC3707912.
56.	2013	Verde P, Piccardi L, Bianchini F, Trivelloni P, Guariglia C, Tomao E. Gender effects on mental rotation in pilots vs. nonpilots. <i>Aviat Space Environ Med.</i> 2013 Jul;84(7):726-9. PubMed PMID: 23855069.
57.	2013	Palermo L, Nori R, Piccardi L, Zeri F, Babino A, Giusberti F, Guariglia C. Refractive errors affect the vividness of visual mental images. <i>PLoS One.</i> 2013 Jun 5;8(6):e65161. doi: 10.1371/journal.pone.0065161. Print 2013. PubMed PMID: 23755186; PubMed Central PMCID: PMC3673913.
58.	2013	Nemmi F, Boccia M, Piccardi L, Galati G, Guariglia C. Segregation of neural circuits involved in spatial learning in reaching and navigational space. <i>Neuropsychologia.</i> 2013 Jul;51(8):1561-70. doi: 10.1016/j.neuropsychologia.2013.03.031. Epub 2013 Apr 21. PubMed PMID: 23615031.
59.	2013	Piccardi L, Bianchini F, Argento O, De Nigris A, Maialetti A, Palermo L, Guariglia C. The Walking Corsi Test (WalCT): standardization of the topographical memory test in an Italian population. <i>Neurol Sci.</i> 2013 Jun;34(6):971-8. doi: 10.1007/s10072-012-1175-x. Epub 2012 Aug 19. PubMed PMID: 22903771.
60.	2013	De Nigris A, Piccardi L, Bianchini F, Palermo L, Incoccia C, Guariglia C. Role of visuo-spatial working memory in path integration disorders in neglect. <i>Cortex.</i> 2013 Apr;49(4):920-30. doi: 10.1016/j.cortex.2012.03.009. Epub 2012 Mar 27. PubMed PMID: 22531551.
61.	2013	Nemmi F, Piras F, Péran P, Incoccia C, Sabatini U, Guariglia C. Landmark sequencing and route knowledge: an fMRI study. <i>Cortex.</i> 2013 Feb;49(2):507-19. doi: 10.1016/j.cortex.2011.11.016. Epub 2011 Dec 16. PubMed PMID: 22225882.
62.	2012	Palermo L, Piccardi L, Nori R, Giusberti F, Guariglia C. The roles of categorical and coordinate spatial relations in recognizing buildings. <i>Atten Percept</i>

		Psychophys. 2012 Nov;74(8):1732-41. doi: 10.3758/s13414-012-0353-5. PubMed PMID: 22843346.
63.	2012	Palermo L, Ranieri G, Boccia M, Piccardi L, Nemmi F, Guariglia C. Map-following skills in left and right brain-damaged patients with and without hemineglect. <i>J Clin Exp Neuropsychol.</i> 2012;34(10):1065-79. doi: 10.1080/13803395.2012.727385. Epub 2012 Oct 4. PubMed PMID: 23036103.
64.	2012	Paolucci S, Di Vita A, Massicci R, Traballesi M, Bureca I, Matano A, Iosa M, Guariglia C. Impact of participation on rehabilitation results: a multivariate study. <i>Eur J Phys Rehabil Med.</i> 2012 Sep;48(3):455-66. Epub 2012 Apr 20. PubMed PMID: 22522435.
65.	2012	Palermo L, Ranieri G, Nemmi F, Guariglia C. Cognitive maps in imagery neglect. <i>Neuropsychologia.</i> 2012 Apr;50(5):904-12. doi: 10.1016/j.neuropsychologia.2012.01.030. Epub 2012 Jan 30. PubMed PMID: 22310104.
66.	2012	Palermo L, Bianchini F, Iaria G, Tanzilli A, Guariglia C. Assessing topographical orientation skills in cannabis users. <i>ScientificWorldJournal.</i> 2012;2012:137071. doi: 10.1100/2012/137071. Epub 2012 Jan 3. PubMed PMID: 22272167; PubMed Central PMCID: PMC3259701.
67.	2011	Piccardi L, Bianchini F, Iasevoli L, Giannone G, Guariglia C. Sex differences in a landmark environmental re-orientation task only during the learning phase. <i>Neurosci Lett.</i> 2011 Oct 10;503(3):181-5. doi: 10.1016/j.neulet.2011.08.031. Epub 2011 Aug 24. PubMed PMID: 21889578.
68.	2011	Canzano L, Piccardi L, Bureca I, Guariglia C. Mirror writing resulting from an egocentric representation disorder: a case report. <i>Neurocase.</i> 2011 Oct;17(5):447-60. doi: 10.1080/13554794.2010.532143. Epub 2011 Aug 10. PubMed PMID: 21830864.
69.	2011	Piccardi L, Iaria G, Bianchini F, Zompanti L, Guariglia C. Dissociated deficits of visuo-spatial memory in near space and navigational space: evidence from brain-damaged patients and healthy older participants. <i>Neuropsychol Dev Cogn B Aging Neuropsychol Cogn.</i> 2011 May;18(3):362-84. doi: 10.1080/13825585.2011.560243. PubMed PMID: 21557118.
70.	2011	Zoccolotti P, Cantagallo A, De Luca M, Guariglia C, Serino A, Trojano L. Selective and integrated rehabilitation programs for disturbances of visual/spatial attention and executive function after brain damage: a neuropsychological evidence-based review. <i>Eur J Phys Rehabil Med.</i> 2011 Mar;47(1):123-47. Review. PubMed PMID: 21448124.
71.	2010	Palermo L, Piccardi L, Nori R, Giusberti F, Guariglia C. Does hemineglect affect visual mental imagery? Imagery deficits in representational and perceptual neglect. <i>Cogn Neuropsychol.</i> 2010 Mar;27(2):115-33. doi: 10.1080/02643294.2010.503478. Epub 2010 Aug 18. PubMed PMID: 20721762.
72.	2010	Guariglia C, Piccardi L. Environmental orientation and navigation in different types of unilateral neglect. <i>Exp Brain Res.</i> 2010 Oct;206(2):163-9. doi: 10.1007/s00221-010-2310-7. Epub 2010 Jun 8. Review. PubMed PMID: 20532488.
73.	2010	Piccardi L, Berthoz A, Baulac M, Denos M, Dupont S, Samson S, Guariglia C. Different spatial memory systems are involved in small- and large-scale environments: evidence from patients with temporal lobe epilepsy. <i>Exp Brain Res.</i> 2010 Oct;206(2):171-7. doi: 10.1007/s00221-010-2234-2. Epub 2010 May 6. PubMed PMID: 20445967.
74.	2010	Palermo L, Nori R, Piccardi L, Giusberti F, Guariglia C. Environment and object mental images in patients with representational neglect: two case reports. <i>J Int Neuropsychol Soc.</i> 2010 Sep;16(5):921-32. doi: 10.1017/S1355617710000305.

		Epub 2010 Mar 24. PubMed PMID: 20331913.
75.	2010	Bianchini F, Incoccia C, Palermo L, Piccardi L, Zompanti L, Sabatini U, Perani P, Guariglia C. Developmental topographical disorientation in a healthy subject. <i>Neuropsychologia</i> . 2010 May;48(6):1563-73. doi: 10.1016/j.neuropsychologia.2010.01.025. Epub 2010 Feb 6. PubMed PMID: 20144632.
76.	2009	Palermo L, Piccardi L, Nori R, Giusberti F, Guariglia C. Pure imagery neglect for places and objects. <i>Cogn Process</i> . 2009 Sep;10 Suppl 2:S266-7. doi: 10.1007/s10339-009-0323-6. PubMed PMID: 19693585.
77.	2009	Incoccia C, Magnotti L, Iaria G, Piccardi L, Guariglia C. Topographical disorientation in a patient who never developed navigational skills: the (re)habilitation treatment. <i>Neuropsychol Rehabil</i> . 2009 Apr;19(2):291-314. doi: 10.1080/09602010802188344. Epub 2008 Sep 1. PubMed PMID: 18773313.
78.	2008	Piccardi L, Bianchini F, Zompanti L, Guariglia C. Pure representational neglect and navigational deficits in a case with preserved visuo-spatial working memory. <i>Neurocase</i> . 2008;14(4):329-42. doi: 10.1080/13554790802366012. PubMed PMID: 18792838.
79.	2008	Palermo L, Bureca I, Matano A, Guariglia C. Hemispheric contribution to categorical and coordinate representational processes: a study on brain-damaged patients. <i>Neuropsychologia</i> . 2008 Sep;46(11):2802-7. doi: 10.1016/j.neuropsychologia.2008.05.020. Epub 2008 May 27. PubMed PMID: 18614187.
80.	2008	Palermo L, Iaria G, Guariglia C. Mental imagery skills and topographical orientation in humans: a correlation study. <i>Behav Brain Res</i> . 2008 Oct 10;192(2):248-53. doi: 10.1016/j.bbr.2008.04.014. Epub 2008 Apr 22. PubMed PMID: 18502521.
81.	2008	Pizzamiglio MR, Nasti M, Piccardi L, Vitturini C, Morelli D, Guariglia C. Visual-motor coordination computerized training improves the visuo-spatial performance in a child affected by Cri-du-Chat syndrome. <i>Int J Rehabil Res</i> . 2008 Jun;31(2):151-4. doi: 10.1097/MRR.0b013e3282fbfbde. PubMed PMID: 18467929.
82.	2008	Nico D, Piccardi L, Iaria G, Bianchini F, Zompanti L, Guariglia C. Landmark based navigation in brain-damaged patients with neglect. <i>Neuropsychologia</i> . 2008;46(7):1898-907. doi: 10.1016/j.neuropsychologia.2008.01.013. Epub 2008 Jan 31. PubMed PMID: 18316102.
83.	2008	Piccardi L, Iaria G, Ricci M, Bianchini F, Zompanti L, Guariglia C. Walking in the Corsi test: which type of memory do you need? <i>Neurosci Lett</i> . 2008 Feb 20;432(2):127-31. doi: 10.1016/j.neulet.2007.12.044. Epub 2008 Jan 15. PubMed PMID: 18226450.
84.	2007	Iaria G, Chen JK, Guariglia C, Ptito A, Petrides M. Retrosplenial and hippocampal brain regions in human navigation: complementary functional contributions to the formation and use of cognitive maps. <i>Eur J Neurosci</i> . 2007 Feb;25(3):890-9. Epub 2007 Feb 12. PubMed PMID: 17298595.
85.	2007	Committeri G, Pitzalis S, Galati G, Patria F, Pelle G, Sabatini U, Castriota-Scanderbeg A, Piccardi L, Guariglia C, Pizzamiglio L. Neural bases of personal and extrapersonal neglect in humans. <i>Brain</i> . 2007 Feb;130(Pt 2):431-41. Epub 2006 Sep 28. PubMed PMID: 17008330.
86.	2006	Pizzamiglio L, Guariglia C, Antonucci G, Zoccolotti P. Development of a rehabilitative program for unilateral neglect. <i>Restor Neurol Neurosci</i> . 2006;24(4-6):337-45. Review. PubMed PMID: 17119308.
87.	2006	Ferrara M, Iaria G, De Gennaro L, Guariglia C, Curcio G, Tempesta D, Bertini M. The role of sleep in the consolidation of route learning in humans: a behavioural

		study. <i>Brain Res Bull.</i> 2006 Dec 11;71(1-3):4-9. Epub 2006 Aug 15. PubMed PMID: 17113921.
88.	2006	Piccardi L, Nico D, Bureca I, Matano A, Guariglia C. Efficacy of visuo-spatial training in right-brain damaged patients with spatial hemineglect and attention disorders. <i>Cortex.</i> 2006 Oct;42(7):973-82. PubMed PMID: 17172177
89.	2006	Di Russo F, Committeri G, Pitzalis S, Spitoni G, Piccardi L, Galati G, Catagni M, Nico D, Guariglia C, Pizzamiglio L. Cortical plasticity following surgical extension of lower limbs. <i>Neuroimage.</i> 2006 Mar;30(1):172-83. Epub 2005 Nov 8. PubMed PMID: 16288893.
90.	2005	Iaria G, Incoccia C, Piccardi L, Nico D, Sabatini U, Guariglia C. Lack of orientation due to a congenital brain malformation: a case study. <i>Neurocase.</i> 2005 Dec;11(6):463-74. PubMed PMID: 16393760.
91.	2005	Guariglia C, Piccardi L, Iaria G, Nico D, Pizzamiglio L. Representational neglect and navigation in real space. <i>Neuropsychologia.</i> 2005;43(8):1138-43. Epub 2005 Jan 18. PubMed PMID: 15817171.
92.	2003	Pizzamiglio L, Iaria G, Berthoz A, Galati G, Guariglia C. Cortical modulation of whole body movements in brain-damaged patients. <i>J Clin Exp Neuropsychol.</i> 2003 Sep;25(6):769-82. PubMed PMID: 13680455.
93.	2002	Guariglia C, Piccardi L, Puglisi Allegra MC, Trabalesi M. Is autotopoagnosia real? EC says yes. A case study. <i>Neuropsychologia.</i> 2002;40(10):1744-9. PubMed PMID: 11992662.
94.	2000	Guariglia C, Coriale G, Cosentino T, Pizzamiglio L. TENS modulates spatial reorientation in neglect patients. <i>Neuroreport.</i> 2000 Jun 26;11(9):1945-8. PubMed PMID: 10884048.
95.	1998	Pizzamiglio L, Guariglia C, Cosentino T. Evidence for separate allocentric and egocentric space processing in neglect patients. <i>Cortex.</i> 1998 Dec;34(5):719-30. PubMed PMID: 9872374.
96.	1998	Guariglia C, Lippolis G, Pizzamiglio L. Somatosensory stimulation improves imagery disorders in neglect. <i>Cortex.</i> 1998 Apr;34(2):233-41. PubMed PMID: 9606588.
97.	1997	Vallar G, Guariglia C, Magnotti L, Pizzamiglio L. Dissociation between position sense and visual-spatial components of hemineglect through a specific rehabilitation treatment. <i>J Clin Exp Neuropsychol.</i> 1997 Oct;19(5):763-71. PubMed PMID: 9408803.
98.	1997	Vallar G, Guariglia C, Nico D, Pizzamiglio L. Motor deficits and optokinetic stimulation in patients with left hemineglect. <i>Neurology.</i> 1997 Nov;49(5):1364-70. PubMed PMID: 9371923.
99.	1996	Vallar G, Guariglia C, Nico D, Tabossi P. Left neglect dyslexia and the processing of neglected information. <i>J Clin Exp Neuropsychol.</i> 1996 Oct;18(5):733-46. PubMed PMID: 8941858.
100.	1996	Paolucci S, Antonucci G, Guariglia C, Magnotti L, Pizzamiglio L, Zoccolotti P. Facilitatory effect of neglect rehabilitation on the recovery of left hemiplegic stroke patients: a cross-over study. <i>J Neurol.</i> 1996 Apr;243(4):308-14. PubMed PMID: 8965102.
101.	1996	Doricchi F, Guariglia C, Paolucci S, Pizzamiglio L. Asymmetry of rapid eye movements in chronic unilateral neglect does not change with behavioral improvement induced by rehabilitation treatment. <i>Electroencephalogr Clin Neurophysiol.</i> 1996 Jan;98(1):51-8. PubMed PMID: 8689995.
102.	1995	Di Pace E, Guariglia C, Judica A, Spinelli D, Zoccolotti P. Selective reading slowness in a traumatic patient with impairment in basic visual processes. <i>J Clin Exp Neuropsychol.</i> 1995 Dec;17(6):878-99. PubMed PMID: 8847394.
103.	1995	Vallar G, Guariglia C, Magnotti L, Pizzamiglio L. Optokinetic stimulation affects

		both vertical and horizontal deficits of position sense in unilateral neglect. <i>Cortex</i> . 1995 Dec;31(4):669-83. PubMed PMID: 8750025.
104.	1995	Antonucci G, Guariglia C, Judica A, Magnotti L, Paolucci S, Pizzamiglio L, Zoccolotti P. Effectiveness of neglect rehabilitation in a randomized group study. <i>J Clin Exp Neuropsychol</i> . 1995 May;17(3):383-9. PubMed PMID: 7650101.
105.	1995	Vallar G, Guariglia C, Nico D, Bisiach E. Spatial hemineglect in back space. <i>Brain</i> . 1995 Apr;118 ( Pt 2):467-72. PubMed PMID: 7735887.
106.	1993	Vallar G, Antonucci G, Guariglia C, Pizzamiglio L. Deficits of position sense, unilateral neglect and optokinetic stimulation. <i>Neuropsychologia</i> . 1993 Nov;31(11):1191-200. PubMed PMID: 8107980.
107.	1003	Doricchi F, Guariglia C, Paolucci S, Pizzamiglio L. Disturbances of the rapid eye movements (REMs) of REM sleep in patients with unilateral attentional neglect: clue for the understanding of the functional meaning of REMs. <i>Electroencephalogr Clin Neurophysiol</i> . 1993 Sep;87(3):105-16. PubMed PMID: 7691538.
108.	1993	Guariglia C, Padovani A, Pantano P, Pizzamiglio L. Unilateral neglect restricted to visual imagery. <i>Nature</i> . 1993 Jul 15;364(6434):235-7. PubMed PMID: 8321319.
109.	1992	Guariglia C, Antonucci G. Personal and extrapersonal space: a case of neglect dissociation. <i>Neuropsychologia</i> . 1992 Nov;30(11):1001-9. PubMed PMID: 1470335.
110.	1992	Pantano P, Di Piero V, Fieschi C, Judica A, Guariglia C, Pizzamiglio L. Pattern of CBF in the rehabilitation of visuospatial neglect. <i>Int J Neurosci</i> . 1992 Oct;66(3-4):153-61. PubMed PMID: 1305615.
111.	1992	Zoccolotti P, Guariglia C, Pizzamiglio L, Judica A, Razzano C, Pantano P. Good recovery in visual scanning in a patient with persistent anosognosia. <i>Int J Neurosci</i> . 1992 Mar;63(1-2):93-104. PubMed PMID: 1342029.
112.	1991	Doricchi F, Guariglia C, Paolucci S, Pizzamiglio L. Disappearance of leftward rapid eye movements during sleep in left visual hemi-inattention. <i>Neuroreport</i> . 1991 May;2(5):285-8. PubMed PMID: 1912463.
113.	1990	Pizzamiglio L, Frasca R, Guariglia C, Incoccia C, Antonucci G. Effect of optokinetic stimulation in patients with visual neglect. <i>Cortex</i> . 1990 Dec;26(4):535-40. PubMed PMID: 2081391.
114.	1990	Massironi M, Guariglia C, Pizzamiglio L, Zoccolotti P, Spinelli D. Shape, size and relative space position perception in neglect patients. <i>Int J Neurosci</i> . 1990 Sep;54(1-2):13-20. PubMed PMID: 2265957.
115.	1990	Spinelli D, Guariglia C, Massironi M, Pizzamiglio L, Zoccolotti P. Contrast sensitivity and low spatial frequency discrimination in hemi-neglect patients. <i>Neuropsychologia</i> . 1990;28(7):727-32. PubMed PMID: 2215883.
116.	1989	Pizzamiglio L, Cappa S, Vallar G, Zoccolotti P, Bottini G, Ciurli P, Guariglia C, Antonucci G. Visual neglect for far and near extra-personal space in humans. <i>Cortex</i> . 1989 Sep;25(3):471-7. PubMed PMID: 2805732.
117.	1988	Cappa SF, Guariglia C, Papagno C, Pizzamiglio L, Vallar G, Zoccolotti P, Ambrosi B, Santiemma V. Patterns of lateralization and performance levels for verbal and spatial tasks in congenital androgen deficiency. <i>Behav Brain Res</i> . 1988 Dec 1;31(2):177-83. PubMed PMID: 3202949.

## Titoli <sup>1</sup>

<sup>1</sup> In via esemplificativa sono indicate alcune voci

**Academic experiences.**

2000-2010: member of the Research committee of the Sapienza University. The committee was responsible for evaluating grant applications and for providing the strategical support to new or emerging research topics.

2006- present: member of the post-graduate PhD Course in Cognitive Neuroscience. As a member of the PhD Course I tutored 10 students.

Since 1998 I have also been member of committees for the discussion of PhD dissertation, both in Italy and in other EU countries (University of Utrecht, NL; University of Aston, UK).

2008-2012: chair of the master course (Laurea Magistrale) "Cognitive Neuroscience and Psychological Rehabilitation".

2010-2016: member of the Board of the Department of Psychology. As a member of the Board I collaborate to develop strategic planes for the Department research, to monitor Undergraduate and Master-level (Laurea Magistrale) Courses in Psychology developing novel courses.

2012-2013: member of the committee for the National Scientific Qualification to function as Associated or Full Professor in General Psychology, Psychobiology and Physiological Psychology, Psychometrics.

2012-present: chair of the post-graduate Specialization School in Neuropsychology.

**Research grants**

2004-2007: National Coordinator Eu 6th NEST Pathfinder Project: Wayfinding nr12959

2007-2009: Local Coordinator PRIN 2007 (MIUR, Italy)

2012-2016: Local Coordinator PRIN 2010-11 (MIUR, Italy)

2014: Coordinator Ateneo Sapienza Grant

2015: Coordinator Ateneo Sapienza Grant

2016: Coordinator Ateneo Sapienza Grant

2017: Coordinator of a 3-year Grant by ANIA Foundation

data

firma

ROMA, 13/02/2018

