

CURRICULUM VITAE OF RAFFAELLA RUMIATI

Present position:

2003-

Associate Professor (Tenured)
Cognitive Neuroscience Sector
Scuola Internazionale Superiore di Studi Avanzati
Via Beirut, 2-4, 34014, Trieste, Italy,

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Degrees

1990

Doctor in Philosophy, University of Bologna (Italy), (110/110 *cum laude*).

1995

Doctorate in Psychology, Bologna (Italy) and Birmingham University (U.K.).

March 2005-

Visiting Scientist, Laboratory for Symbolic Cognitive Development, Intellectual Brain Function Research Group, RIKEN Brain Science Institute, Japan.

Positions held

1995-1999

Research Fellow in Cognitive Neuropsychology, CNS, SISSA, Trieste, Italy.

1999-2002

Lecturer (ricercatore) (M-PSI/02), CNS, SISSA, Trieste, Italy.

2002 (July)

Tenured Lecturer (ricercatore confermato), CNS, SISSA, Trieste, Italy.

Teaching experience

1994-1995

Teaching Assistantship in Cognitive Neuropsychology, School of Psychology, Birmingham University, UK.

1995-

“Cognitive Neuropsychology” course for the Ph.D. in Neuroscience (SISSA).

2000-2002

“Neuropsychology of visual and motor systems”, Faculty of Psychology, Univ.

“Milano-Bicocca”, Milan, Italy.

1998-2004

“Cognitive Neuropsychology” course for the degree in physiotherapy, School of Medicine, Udine, Italy.

Supervision of MSc projects

1997-2004

University of Padua, University Milano-Bicocca Italy.

1997-

Faculty of Psychology, University of Trieste.

SISSA Ph.D. students I have supervised

Alessia Tessari (b. 1973, PhD in 2004 cum laude, visiting scientist, CNRS Lyon, France, now lecturer at Bologna University)

Barbara Tomasino (b. 1976, PhD in 2004, postdoc at the FSZ, Jülich, Germany, now researcher IRRCS E. Medea, Udine, Italy).

Valerie Lesk (b. 1978, PhD in 2005 cum laude, postdocs at Oxford, Leicester University, U.K. now in Leeds, UK, working with Alzheimer patients but I don't know the exact position)

Gorana Pobric (b. 1973, PhD in 2006 cum laude, postdoc at ICN, UCL, London, now lecturer at Manchester University, U.K.)

Corrado Corradi Dell'Acqua (b. 1977, PhD in 2007, postdoc at FSZ, Jülich, Germany, now postdoc in SISSA)

Gioia Negri (b. 1977, PhD in 2008, she is continuing her professional education as a clinical neuropsychologist at Padua University, and research assistant at the IRRCS E. Medea, Udine, Italy)

Non-SISSA Ph.D. students I have supervised

2006 Alberta Lunardelli (now clinical neuropsychologist at Azienda Ospedali Riuniti, Trieste).

SISSA Master students I have supervised

Ngubia Kuria (now Ph.D. student Freie Universität, Berlin, DE).

SISSA Ph.D. students I am currently supervising

- Liuba Papeo (4st year)
- Joana Carmo (4nd year)
- Gaz Bland (3st year)
- Claudia Civai (3st year)
- Paola Mengotti (2st year)

- Alessandro Cicerale (2st year)

Fellowship awards and honors

1991-1995

Four-year fellowship from the Ministry of University Scientific Research and Technology (MURST), Italy.

1996-1998

Post-doctoral fellowship from the Ministry of University, Scientific Research and Technology (MURST), Italy.

April 2003

Bessel Prize awarded by the von Humboldt Foundation. It is given each year to 10 non-German scientists around the world in recognition of what they have accomplished in their field. The award has been used to carry out neuroimaging studies at the FSZ, Jülich, Germany.

August 2006

Women in Cognitive Science Mentorship Award

Foreign languages

Good spoken and written English

Elementary spoken and written French

RECENT RESEARCH GRANTS

2005-2007 - PRIN	Rumiati	23.000,00 euro
2008- Fondo Trieste	Rumiati	115.000,00 euro
2008 Fondazione Casali	Rumiati	12.000,00 euro
2009 Beneficentia	Rumiati	20.000,00 euro

MEMBERSHIP TO SCIENTIFIC SOCIETIES

2009-

Società Italiana di Neuroscienze

2006-

Member of the Experimental Psychological Society

2005-

Member of the International Neuropsychological Symposium

2000-

Member of the Society for Cognitive Neuroscience

1999-2003

Member of the Society for Neuroscience

1998-

Member of the Psychonomics Society

1998-

Member of the Società Italiana di Neuropsicologia

Ad hoc reviewer for:

Acta Psychologica, Brain, Brain & Cognition, Cerebral Cortex, Cognition, Cognitive Brain Research, Cognitive Neuropsychology, Cognitive Psychology, Cortex, Experimental Brain Research, Experimental Psychology, Human Brain Mapping, Journal of Experimental Psychology: Human Perception and Performance, Journal of Experimental Psychology: General, Journal of Cognitive Neuroscience, Journal of Neurophysiology, Journal of Neuropsychology, Neuroscience, Neurocase, Neuropsychologia, NeuroImage, Perception and Psychophysics, Trends in Cognitive Science, Visual Cognition.

I am on the editorial board of *Cognitive Neuropsychology*.

I am an action editor for *Brain & Cognition*.

ORGANIZATIONAL ROLES

2009-

I am the President of the scientific committee of the Regional fMRI consortium (SISSA, Azienda Ospedaliero-Universitaria Udine, La Nostra Famiglia).

2007-

I am a member of the European Workshop in Cognitive Neuropsychology's committee.

2004

I have been on the advisory committee of the IME, Forschungszentrum, Juelich, Germany

Organization of conferences and symposia

- Italian Society of Neuroscience, symposium entitled "A multimodal approach to neuroeconomics: The contribution of human cognitive neuroscience", Milan, Italy, Oct 2009.
- More Geometrico, symposium entitled "Motor Cognition", SISSA, Trieste, Italy, Oct 2009.
- Borsellino College, ICTP, September, Trieste, Italy, 2007.
- Symposium "Concepts and actions", European Workshop of Cognitive Neuropsychology, Bressanone, Italy, January, 2007.
- Symposium "Imitation of actions", European Workshop of Cognitive Neuropsychology, Bressanone, Italy, January, 2003.
- Cognitive Neuroscience of Actions, Germany, (sponsored by Max Planck Institute for Psychological Research, München, Germany) February, 2002.
- Symposium on "Action recognition and imitation", TENNET, Montreal, June, 2001.
- "The Acting Brain", Trieste, Italy, September, 2000.
- Symposium on "Cognitive Neuropsychology of Action", TENNET, Montreal, June, 1998.

CLINICAL EXPERIENCE AND CLINICAL LINKS

- 1990-1995 Local hospitals, Birmingham, UK
1996- “Ospedale Maggiore”, Trieste, Italy
1998-2002 “Ospedale Regionale per la Riabilitazione Fisica”, Udine, Italy
1999- “Ospedale S. Maria della Misericordia”, Udine, Italy

NATIONAL AND INTERNATIONAL COLLABORATIONS

- Germany Prof. Fink, IME, Forschungszentrum, Jülich.
Prof. Koch, RWTA, Aachen.
U.K. Dr. Rick Cooper, Birkbeck College, UCL, and Prof Haggard,
ICN,UCL, London.
Japan Prof. Atsushi Iriki, Brain Science Institute, Riken, Wako – shi.
Israel Dr Tamar Flash, Weizmann Institute.

PEER-REVIEWED PAPERS

1992-2000

1. **Rumiati, R.I.** (1992). Memoria di ambienti: uno studio sperimentale. *Giornale Italiano di Psicologia*, 4, 585-599.
2. **Rumiati, R.I.**, Humphreys, G.W., Riddoch, J.M. & Bateman, A. (1994). Visual object agnosia without prosopagnosia or alexia: Evidence for hierarchical theories of visual recognition. *Visual Cognition*, 1, 181-225.
3. Humphreys, G.W. & **Rumiati, R.I.** (1995). Recovering recognition: How reactivating degraded memories can facilitate name retrieval in “Representational Deficits”. *Brain & Language*, 51, 49-51.
4. Luzzatti, C., **Rumiati, R.I.** & Ghirardi, G. (1996). Visuo-verbal disconnection and its anatomical constraints in optic aphasia. *Brain & Cognition*, 32, 199-202.
5. **Rumiati, R.I.** & Humphreys, G.W. (1997). Visual object agnosia without alexia or prosopagnosia: Arguments for separate knowledge stores. *Visual Cognition*, 4, 207-218.
6. Forde, E.M.E., Francis, D., Riddoch, J.M., **Rumiati, R.I.** & Humphreys, G.W. (1997). On the links between visual knowledge and naming: A single study of a patient with a category specific impairment for living things. *Cognitive Neuropsychology*, 14, 403-458.
7. **Rumiati, R.I.** & Humphreys, G.W. (1998). Recognition by action: dissociating visual and semantic routes to actions in normal observers. *Journal of Experimental Psychology: Human Perception & Performance*, 2, 631-647.

8. Luzzatti, C., **Rumiati, R.I.** & Ghirardi, G. (1998). A functional model of visuo-verbal disconnection and the neuroanatomical constraints of optic aphasia. *Neurocase*, 4, 71-87.
9. Humphreys, G.W. & **Rumiati, R.I.** (1998). When joys come not in single spies but in battalions: Within-modality identification increases the accessibility of degraded stored knowledge. *Neurocase*, 4, 111-126.
10. Humphreys, G.W. & **Rumiati, R.I.** (1998). Agnosia without prosopagnosia or alexia: Evidence for stored visual memories specific to objects. *Cognitive Neuropsychology*, 15, 243-277.
11. **Rumiati, R.I.** (1999). Il riconoscimento visivo di oggetti. *Giornale Italiano di Psicologia*, 2, 241-271.
12. Zanini, S., Bearzotti, F., Vorano, L., De Luca, G. & **Rumiati, R.I.** (1999). The assessment of utilization apraxia. *Europa Medico Physica*, 35, 119-124.
13. Shallice, T. **Rumiati, R.I.** & Zadini, A. (2000). The selective impairment of the phonological output buffer. *Cognitive Neuropsychology*, 17, 517-546.
14. **Rumiati, R.I.** (2000). Cognitive neuroscience of actions: The whole is greater than the sum of its parts. *Brain & Cognition*, 44, 117-123.

2001

15. **Rumiati, R.I.**, Zanini, S., Vorano, L. & Shallice, T. (2001). A form of Ideational Apraxia as a deficit of contention scheduling. *Cognitive Neuropsychology*, 18, 617-642.
16. Toraldo, A., Reverberi, C. & **Rumiati, R.I.** (2001). Critical dimensions affecting imitation performance of patients with ideomotor apraxia. *Cortex*, 37, 737-740.
17. **Rumiati, R.I.**, Tomasino, B., Vorano, L., Umiltà, C., & De Luca G. (2001). Selective deficit of imagining finger configurations. *Cortex*, 37, 730-733.

2002

18. **Rumiati, R.I.**, & Tessari, A. (2002). Imitation of novel and well-known actions: The role of short-term memory. *Experimental Brain Research*, 142, 425-433.
19. Shallice, T., Marzocchi, G.M., Meuter, R.F.I., Coser, S., Del Savio, M., & **Rumiati, R.I.** (2002). Executive function profile of children with Attention Deficit Hyperactivity Disorder (ADHD). *Developmental Neuropsychology*, 21(1), 43-71.
20. Zanini, S., **Rumiati, R.I.**, & Shallice, T. (2002). Action sequencing deficit following frontal lobe lesions. *Neurocase*, 8, 88-99.

21. Tessari, A., & Rumiati, R.I. (2002). Motor distal component and pragmatic representation of objects. *Cognitive Brain Research*, 14(2), 218-227
22. Meuter, R.F.I., Humphreys, G.W., & Rumiati, R.I. (2002). Bilingual language switching and the frontal lobes: Modularity control in language selection. *International Journal of Bilingualism*, 6, 109-124.
23. Tessari, A., Rumiati, R.I., & Haggard, P. (2002). Imitation without awareness. *Neuroreport*, 13, 2531-35.

2003

24. Tomasino, B, Toraldo, A., & Rumiati, R.I. (2003). Dissociation between the mental rotation of visual images and motor images in unilateral brain-damaged patients. *Brain & Cognition*, 51, 368, 371.
25. Tomasino, B., Rumiati, R.I., & Umiltà, C.A. (2003). Selective deficit of motor imagery as tapped by a left-right decision of visually presented hands. *Brain & Cognition*, 53, 376-380.
26. Rumiati, R.I., & Bekkering, H. (2003). Imitate or not to imitate? Why and how humans do it. *Brain & Cognition*, 53, 479-482.

2004

27. Zoia, S., Pelamatti, G., & Rumiati, R.I. (2004). Praxic skills in down and mentally retarded adults: evidence for multiple action routes. *Brain & Cognition*, 1, 7-17.
28. Rumiati, R.I., Weiss, P.H., Shallice, T., Ottoboni, G., Noth, J., Zilles, K., & Fink G.R. (2004). The neural basis of pantomiming the use of visually presented objects. *NeuroImage*, 21, 1224-31.
29. Tomasino, B. & Rumiati, R.I. (2004). Effects of strategies on mental rotation and hemispheric lateralization: neuropsychological evidence. *Journal of Cognitive Neuroscience*, 5, 878-888.
30. Tomasino, B., Vorano, L., Skrap, M., Gigli, G, Rumiati, R.I. (2004). Effects of strategies on mental rotation performed by unilateral brain damaged patients. *Cortex*, 40, 197-199.
31. Tessari, A. & Rumiati R.I. (2004). The strategic control of multiple routes in imitation of actions. *Journal of Experimental Psychology: Human Perception and Performance*, 30, 1107-1116.

2005

32. Tomasino, B., Borroni P., Isaja, A., & Rumiati, R. (2005). The role of primary motor cortex in mental rotation: A TMS study. *Cognitive Neuropsychology*, 22, 348-363.
33. Shallice, T., Venable, N., & Rumiati, R.I. (2005). Dissociable distal and proximal motor components: Evidence from perseverative errors in three apraxic patients. *Cognitive Neuropsychology*, 22, 625-639.

34. **Rumiati, R.I.**, Weiss, P.H., Tessari, A., Assmus, A., Zilles, K., Herzog, H. & R. Fink, R.G. (2005). Common and differential neural mechanisms supporting imitation of meaningful and meaningless actions. *Journal of Cognitive Neuroscience*, 17:9, 1420-1431.
35. Tomasino, B., Budai, R., Mondani, M., Skrap, M. & **Rumiati, R.I.** (2005). Mental rotation in a patient with an implanted electrode grid in the motor cortex. *NeuroReport*, 16, 1795-1800.

2006

36. Koch, I. & **Rumiati, R.I.** (2006). Task-set and memory-consolidation bottleneck in dual tasks. *Psychological Research*, 8, 1-11.
37. Tessari, A., Bosanac, D., & **Rumiati, R.I.** (2006). Effect of learning on imitation of new actions: Implications for a memory model. *Experimental Brain Research*, 3, 507-513.
38. Haddar, U. & **Rumiati, R.I.** (2006). I gesture, therefore I speak: Cartesian cures. *Advances in Speech-Language Pathology*, 8, 140-142.
39. Koch, I., Reverberi, C., & **Rumiati, R.I.** (2006). Learning hierarchically structured action sequences is unaffected by prefrontal cortex lesion. *Experimental Brain Research*, 4, 667-75.

2007

40. Negri, G., Lunardelli, A., Gigli, G.L., & **Rumiati, R.I.** (2007). Degraded semantic knowledge and accurate object use. *Cortex*, 2, 376-388.
41. Tessari, A., Canessa, N., Ukmar, M. & **Rumiati, R.I.** (2007). Neuropsychological evidence for a strategic control of multiple routes in imitation. *Brain*, 130, 1111-1126.
42. Grecucci, A., Cooper, R., & **Rumiati, R.I.** (2007). A computational model of action resonance and its modulation by emotional stimulation. *Cognitive Systems Research*, 143-160.
43. Mahon B.Z., Milleville S.C., Negri G.A., **Rumiati R.I.**, Caramazza A. & Martin A. (2007). Action-related properties of objects shape object representations in the ventral stream. *Neuron*, 55, 507-20.
44. Lesk, V.E., Womble, S.P., & **Rumiati R.I.** (2007). Testing graceful degradation in a patient with aphasia. *Neurocase*, 18, 1-8.
45. Negri, G.A.L., **Rumiati, R.I.**, Zadini, A., Ukmar, M., Mahon, B.Z. & Caramazza, A. (2007). What is the role of motor simulation in action and object recognition? Evidence from apraxia. *Cognitive Neuropsychology*, 24, 795-816.

2008

46. Corradi-Dell'Acqua, C., Ueno, K., Ogawa, A., Cheng K., **Rumiati, R.I.** & Iriki, A. (2008). Effects of shifting perspective of the Self: an fMRI study. *NeuroImage*, 40, 1902-1911.
47. Lunardelli, A., Zadini, A. Gigli, G. & **Rumiati, R.I.** (2008). Praxic and executive components in tool use learning: The role of imitation. *Cognitive Neuropsychology*, 25, 1077–1098.
48. Corradi-Dell'Acqua, C., Hesse, M.D, **Rumiati R.I.** & Fink, R.G. Where is a nose with respect to a foot? The left posterior parietal cortex processes spatial relationships among body parts. *Cerebral Cortex*, 18, 2879-90.

2009

49. Noy, L. **Rumiati, R.I.** & Flash, T. In a simple movement imitation task, kinematic features are sufficient to map perceptions into actions. *Brain and Cognition*, 69, 360-8.
50. Carmo, J.C. & **Rumiati R.I.** Imitation of transitive and Intransitive actions in healthy individuals. *Brain and Cognition*. 69, 460-4.
51. Papeo, L., Vallesi, A., Isaja, A. & **Rumiati. R.I.** Implicit and explicit processing of motor and non-motor verbs and the role of the primary motor cortex: A TMS study. *PLoSone*. 4(2):e4508.
52. **Rumiati, R.I.** Carmo, J.C. & Corradi-Dell'Acqua, C. Neuropsychological perspectives on the mechanisms of imitation. *Philosophical Transactions of the Royal Society B*, 364, 2337-47.
53. Grecucci, A., Balaban, E., Buiatti, T., Budai, R. & **Rumiati, R.I.** The emotional control of action: Evidence from an ERP study. *Archives Italiennes de Biologie*, 147, 37-49.
54. Grecucci, A., Soto, D., **Rumiati, R.I.**, Humphreys, G.W. & Rotshein, P. The inter-relations between verbal working memory and visual selection of emotional faces. *Journal of Cognitive Neuroscience*. In press.
55. Civai, C., Corradi-Dell'Acqua, C. & **Rumiati, R.I.** Are irrational reactions to unfairness truly emotionally-driven? Dissociated behavioral and electrodermal responses in the Ultimatum Game task. *Cognition*. In press.

PEER-REVIEWED CHAPTERS, REVIEWS AND COMMENTARIES

56. **Rumiati, R.I.** (2002). Perception and imitation of actions. In W. Prinz & B. Hommel (Eds.) *Common mechanisms in perception and action: Attention and Performance*, Vol. XIX. Oxford: Oxford University Press. pp. 289-293.
57. Tomasino, B., Corradi-Dell'Acqua, C., Tessari, A., Spiezio, C. & **Rumiati, R.I.** (2004). A neuropsychological approach to motor control and imagery. *Behavioural and Brain Sciences*, 27(3), 419.

58. **Rumiati, R.I.** (2005). Right, left or both? Brain hemispheres and apraxia of naturalistic actions. *Trends in Cognitive Science*, 9:4, 167-169.
59. **Rumiati, R.I.** & Tessari, A. Automatic and strategic effects in human imitation. (2007). In P. Haggard, Kawato, & I. Rossetti (Eds.) *Sensorimotor foundations of human cognition: Attention and Performance*, Vol. XXII. Oxford: Oxford University Press.
60. **Rumiati, R.I.** (2007). Aprassie. In G. Vallar and C. Papagno (Eds.) *Manuale di Neuropsicologia*, Bologna: Il Mulino. pp. 151-169.
61. Corradi-Dell'Acqua, C., & **Rumiati, R.I.** (2007). What the brain knows about the body: Evidence for dissociable representations. In F. Santoianni, & C. Sabatano (Eds.), *Brain Development in Learning Environments Embodied and Perceptual Advancements*. Cambridge: Cambridge Scholars Publishing. pp. 50-64.
62. **Rumiati, R.I.** (2007). Imitazione. In F. Barale, M. Bertani, V. Gallese, S. Mistura, & A. Zamperini (Eds.), *Psiche: Dizionario storico di psicologia, psichiatria, psicoanalisi, neuroscienze*. Torino: Einaudi.
63. Tessari, A., Cretella, L. & **Rumiati, R.I.** (2009). Route switching in imitation: Should I stay or should I go? In N. Taatgen, H. van Rijn, L. Schomaker & J. Nerbonne (Eds.) *Proceedings of the Cognitive Science Conference*. London: UK: Taylor and Francis. In press.
64. **Rumiati, R.I.** Apraxia In *Encyclopedia of the Mind*. H. Pashler (Ed.) Sage. In press
65. **Rumiati, R.I.**, Papeo, L., & Corradi-Dell'Acqua, C. Higher-level motor processes. *Annual Review of Psychology* 2010.

OTHER PUBLICATIONS

66. Spiezio, C., & **Rumiati, R.I.** Guardando s'impara: il chi, come e quando dell'imitazione. *SISSANEWS*, year 3, Dec 2003.
67. **Rumiati, R.I.**, Tomasino B., & Isaja, A. Immaginare il movimento. *SISSANEWS*, year 2, issue 2, June 2003.
68. **Rumiati, R.I.**, & Spiezio, C. Ma allora i primati non umani imitano oppure no? Supplemento culturale del *Sole 24 Ore*, March 28th 2004-03-30.
69. **Rumiati, R.I.**, & Coyaud, S. Compagno bonobo. Stupro. *Diario del Mese*, Oct 20th, 2006.
70. **Rumiati, R.I.** Valutazione neuropsicologici dei deficit motori. *La Stampa*, 2007.

71. **Rumiati, R.I.** Ma l'uomo uccide tre volte di più. *Sole 24 Ore*, Sept. 29th 2007.
72. **Rumiati, R.I.** Nasce a Trieste il primo manifesto di Neuroetica. *Il Piccolo*, March 26th, 2008.
73. **Rumiati, R.I.** & Coyaud, S. (2008). Sex differences in violent behaviors. In: S. Badaloni, C.A. Drace, O. Gia, C. Levorato, & F. Vidotto (Eds.) *Under-representation of Women in Science and Technology*, Padova: Cluep.
74. **Rumiati, R.I.** Razzismo e Psicologia. *Sole 24 Ore*, Nov. 2nd 2008.

PROCEEDINGS

75. **Rumiati, R.I.** (1990). Memoria di ambienti: uno studio sperimentale. IX *Congresso Nazionale della Divisione Ricerca di Base di Psicologia*, Bologna (Italy), September, pp.78-79.
76. Cacciari, C., Glucksberg, S. & **Rumiati, R.I.** (1992). The role of meanings, transparency and familiarity in the mental images of idioms. In: M. Everaert, E. van der Linden, A. Schenk, and R. Schreuder (Eds.), *Proceedings of Idioms, International Conference on Idioms*, Tilburg, (The Netherlands), pp.1-9.
77. Occhionero, M. & **Rumiati, R.I.** (1992). Uno studio sulla memoria ambientale nel sogno, *XI Congresso Nazionale della Divisione Ricerca di Base di Psicologia*, Cagliari (Italy), September, pp. 136-137.
78. **Rumiati, R.I.** (1992). Oggetti e schemi di ambienti. *XI Congresso Nazionale della Divisione Ricerca di Base di Psicologia*, Cagliari (Italy), September, p. 250.
79. **Rumiati, R.I.**, Humphreys, G.W. & Riddoch, J.M. (1993). Mr W: un caso di agnosia senza alessia e prosopagnosia, *XII Congresso Nazionale della Divisione Ricerca di Base di Psicologia*, Roma (Italy), Sept, pp. 118-119.
80. **Rumiati, R.I.**, Humphreys, G.W. & Forde, E. (1994). Locus dell'effetto di interferenza parola-figura in un paziente con sindrome frontale. *Rivista di Psicologia*, 1-3, pp. 34-35.
81. **Rumiati, R.I.** (1998). La disorganizzazione del gesto transitivo e l'organizzazione delle conoscenze degli oggetti. *Congresso Nazionale della Sezione di Psicologia Sperimentale (AIP)*, Sept Firenze (Italy), pp.183-184.
82. Tessari, A., Cretella, L., Rumiati R.I. (2009). Route switching in imitation: should I stay or should I go? In N. Taatgen & H. van Rijn (eds.). *Proceedings of the 31st Annual Conference of the Cognitive Science Society*, pp. 2475-2480. Amsterdam: Cognitive Science Society, Inc.

PAPERS SUBMITTED

Kuria, N., Sartori, L., Castiello, U. & **Rumiati, R.I.** Effects of gender and race stereotypes on social and non social actions as revealed by kinematics. *Consciousness and Cognition*.

Papeo, L., & **Rumiati, R.I.** The strategic comprehension of motion-related language. *Cognition*.

Tessari, A, Lunardelli, A, Zadini, A., & **Rumiati, R.I.** Prova standardizzata per la diagnosi del disturbo aprassico ideomotorio selettivo per tipo di azione e tipo di effetto. *Giornale Italiano di Psicologia*.

Rumiati, R.I., Negri, G., Reverberi, C.F., Serio, M., Lunardelli, A. & Shallice, T. Object and action representations in humans. *Cognitive Neuropsychology*.

Tomasino, B., Skrap, M. & **Rumiati, R.I.** The role of the human motor hand area in mental rotation: Neuropsychological Evidence. *Journal of Cognitive Neuroscience*.

Grecucci, A., **Rumiati, R.I.**, Siugzdaite, R. Londero, D. Fabbro, F., & Brambilla, P. Dissociating action from empathic resonance as a challenge for the broken mirror theory of autism. *Neuropsychologia*.

Corradi dell'Acqua C., **Rumiati, R.I.**, Shallice, T. Fink, R.G. Words and pictures: how do they accessed actions? *Cerebral Cortex*

PAPERS IN PREPARATION

Rumiati, R.I. & Grecucci, A., & Koch, I. Emotional modulation of imitative behaviour.

Mengotti P., Negri G.A.L., Corradi dell'Acqua C., Trincia E., Tessari A., Lunardelli A., Zadini A., **Rumiati, R.I.** Common and discrete brain correlates associated with praxic and linguistic abilities: evidence from human lesion analysis.

SCIENTIFIC TRANSLATING AND EDITING

Translation of Neil Levy (2007). *Neuroethics*, Cambridge, UK: Cambridge University Press, for, Milan, Italy: Apogeo.

Translation and editing of McShane, J. (1991). *Cognitive Development*, Oxford: Basil Blackwell, for Bologna, Italy: Società Editrice il Mulino.

Translation and editing of Miller, P.H. (1989). *Theories of developmental psychology*, Oxford: W.H. Freeman and Company (2nd edition), for Bologna, Italy: Società Editrice il Mulino.

INVITED TALKS

- “Neuroetica” Facoltà di Medicina, Università Bicocca Monza, May 2009.
- “La diversità umana: biologia, storia, narrazione”, Trieste University, Trieste, Italy, May 2009.
- “Neuroetica: Le scienze del cervello e il loro impatto sulla società”, Padua University, Padova, Italy, February 2009.
- “Embodies theories of cognition: Neuropsychological cues”, Institute of Psychology, RWTA Aachen University, Germany, Nov. 2008.
- “Beyond imitation: The role of emotions in guiding actions”, ULB, Bruxelles, Belgium, April 2008.
- “Beyond imitation: The role of emotions in guiding actions”, Dept Psychology, Gent University, Belgium, April 2008.
- “Strategic control of imitation routes” Dartmouth College, Hannover USA, May 2007.
- “L’influenza della stimolazione emotiva sull’imitazione”, Giornata di Studio Cognizione Sociale e Neuroscienze, Padova Italy, Feb. 5, 2007
- “Differenze di genere in neuropsicologia” Società Italiana di Fisiologia, Ravenna, Italy, Sept. 2006.
- “Differenze di genere: mito o scienza?” III Donne e Scienza, Università degli Studi di Padova, Padova, Italy, Sept 2006.
- “Strategic control of imitation routes” Annual meeting of the Associazione Italiana di Psicologia, Rovereto, Italy, Sept 2006.
- “Multiple route model for action imitation” Attention & Performance, Lyon, France, July 2006.
- “Apraxic deficits in brain damaged patients and neuroimaging evidence”, Cortical Control of Higher Cognition, Lübeck, Germany, May 2006.
- “Modelli neurocognitivi dell’aprassia”, SIN, Venice, Italy, April 2006.
- “Apraxic deficits in cortical and subcortical brain damaged patients” SINS, Ischia, Italy, Oct 2005.
- “Embodied Cognition: Cues from Neuropsychology” BNS, London, U.K., March 2005.
- “Strategic control over route selection in action imitation” EPS, London, U.K., Jan 2005.
- “Semantic and motor knowledge about objects are independent modules” Novartis meeting, Trieste, Italy, Sept 2004.

“Use and semantic knowledge about objects” INS, Porto Heli, Greece, June 2004.

“The state of the art in apraxia”, Klinikum, Aachen, Germany, April 2004.

“Tool use: Neuropsychology and Neuroimaging”, Convergence and divergence between neuropsychology and neuroimaging, Bonn, Germany, May 2003.

“Does a dual task model account for the imitation of MF and ML actions? Evidence from neuropsychological patients and healthy participants”, The science of aphasia II, ESF, Giens, France, Sept 2001.

“Does a dual task model account for the imitation of MF and ML actions? Evidence from neuropsychological patients and healthy participants”, Workshop on Imitation of actions, ICN, UCL, London, UK, Sept 2001.

“A form of Ideational Apraxia as a selective deficit of the contention scheduling” Aston University, Birmingham, UK, Jan 2001.

“Different mechanisms for rotating hands and external objects”, Institute of Cognitive Sciences, Lyon, France, Feb 2001.

“STM for actions”, Max Planck Institute for Psychological Research, München, Nov 2000.

“Il profilo delle funzioni esecutive nei bambini con DDAI”. Il convegno della AIDAI (ADHD), Firenze, Italy, March 2000.

“A form of Ideational Apraxia as a selective deficit of the contention scheduling”, Postdam University, Postdam, Germany, April 2000.

“Introduction to Cognitive Neuropsychology”, NEC, Princeton, USA, Nov 1999

“A cognitive model of actions”, Max Planck Institute for Psychological Research, Muenchen, July 1999.

“Selective impairment of the phonological output buffer”. S. Lucia, Roma, May 1998.

“Short-term memory for actions”. Borsellino College, ICTP, Trieste, May 1998

“La disorganizzazione del gesto transitivo e l'organizzazione delle conoscenze degli oggetti”. Symposium on Perception and Action, *AIP*, Firenze (Italy), Sept. 1998.

“Symposium on semantics”, DIBIT, San Raffaele, Milan (Italy), May 1995.

“Recognition by actions”, Department of Psychology, University of Almeria (Spain), April 1995.

“Object recognition in scenes”, Symposium on Environmental Psychology, *XIth*

Congress of the Basic Research of Psychology, Cagliari (Italy), Sept. 1992.

VISITS

- 2008** Visiting scientist, Institute for Psychology, RWTH Aachen University, 4 weeks, Oct-Nov.
- 2008** Visiting scientist, Weizmann Institute, Rehovot, Israel, 4 weeks, May.
- 2005** Visiting scientist, Brain Science Institute, Riken, Saitama, Japan, 6 weeks, April-May.
- '03/'04** Visiting scientist, IME Forschungszentrum, Jülich (Germany), Bessel Award.
- 2002** Visiting scientist, IME Forschungszentrum, Jülich (Germany), June-July.
- 2002** Visiting scientist, Max Planck Institute for Psychological Research, München (Germany), 4 weeks, Nov.
- 2001** Visiting scientist, IME Forschungszentrum, Juelich (Germany), 2 weeks, Nov.
- 1999** Research period at the Institute of Cognitive Neuroscience, University College, London, (UK), 2 weeks.
- '97-'98** Clinical training at the Department of Neuropsychology of the National Hospital for Nervous Diseases in London (UK), two weeks.
- 1995** Visiting professor Department of Psychology, Almeria University (Spain), April.

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