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Present position

Full Professor in Cognitive Neuroscience, Area of Neuroscience, SISSA, Trieste (Italy)

Research Senior Fellow of the Scuola superiore di studi avanzati Sapienza (Ssas), La Sapienza, Roma (Italy)

Research interests

For many years I investigated language, memory, perception and action in healthy and in brain damaged individuals. The main findings were that the motor system is involved in many more processes than once thought. Recently, I have been promoting a new research program that aims at identifying the cognitive and non-cognitive factors that influence educational attainment in healthy adults as well as their neural correlates. A related research program concerns the study at the cognitive and neural level of brain tumor patients and of subjects in normal and pathological ageing, with the aim of quantifying the relative contribution of such factors in accounting for individual differences.

Education

1995

Doctorate in Psychology, University of Bologna (Italy), with a thesis on the role of action knowledge in object recognition. The thesis advisor was Prof. Elisabetta Ladavas while the work was carried out for 4 years at the School of Psychology of Birmingham University (B'ham, U.K.).

1990

MS in Philosophy (curriculum in Psychology), University of Bologna (Italy), with a thesis of experimental psychology on memory for places (110 *summa cum laude*).

Previous positions held

23 Nov 2015 - 7 Jan 2020

Vice President of the Executive Board of the National Agency evaluating the Italian University System and Research (ANVUR).

Full Professor from 20.12.2011, Area of Neuroscience, SISSA, Trieste.

Associate Professor (M-PSI/02) from 22.12.2003, Cognitive Neuroscience Sector (CNS), SISSA, Trieste.

Lecturer (M-PSI/02) from 15.07.1999, CNS, SISSA, Trieste.

Research stipend from 18.11.1998 al 14.07.1999, CNS, SISSA, Trieste.

Post-doctoral fellow (MURST) from 18.11.1996 al 17.11.1998, CNS, SISSA, Trieste.

Research fellow from 1.11.1995 to 31.03.1996 and from 05.1996 to 31.10.1996, CNS, SISSA, Trieste.

Fellowship awards and honors

2006

Women in Cognitive Science Mentorship Award.

2003

Bessel Prize awarded by the von Humboldt Foundation.

1996-1998

Post-doctoral fellowship awarded by MURST, Italy.

1991-1995

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

Recent research grants awarded as principal investigator

Jan 2021 PRIN ‘Cognitive reserve and plasticity in neurological conditions’, National Coordinator, € 423,958 (submitted).

Feb 2021 SPENCER ‘The gap gender in math performance and anxiety’ (as one of two co-PI) total amount requested \$ 374,590.00 (submitted).

2017-2018 INTERREG: Network for the cognitive and motor of stroke patients (MEMORI-net), € 64.157.

2016-2019 WWTF (Vienna Science and Technology Fund: Home - WWTF)

"Wanting" and "liking": The neurochemical and neurocognitive basis of primary and social reward in humans (Social reward), € 18.000.

2014-16 Beneficentia (Liechtenstein Foundation): “Neurocognitive rehabilitation of eating disorders”, € 20.000.

2014-17 Fondo Trieste (Regional Government): "La prevenzione delle conseguenze dell'invecchiamento e il contributo delle neuroscienze cognitive", € 180.000.

2012-15 PRIN-MIUR (National grant scheme): “I meccanismi neurocognitivi alla base delle interazioni sociali”, € 80.000

2011-2012 Regional Government of Lombardia-ISMEA: “Foodcast”, € 82.000.

2011-13 CARITRO (Italian foundation): “Object Reaching, Grasping and Use in Brain Damaged Patients”, € 80.000.

2010-12 PRIN-MIUR (National grant scheme): “Comunicazione come interazione tra azione e linguaggio”, € 22.650.

Research collaborations

Australia	Dr. Francesco Foroni, Australian Catholic University, Sidney.
Austria	Dr. Giorgia Silani, Wien University.
Germany	Dr Paola Mengotti & Prof. Gereon Fink, IME, Forschungszentrum, Jülich.
Italy	Prof. Paolo Manganotti, Trieste University Prof. Caterina Silveri, Università Cattolica del Sacro Cuore, Milano Prof. Carlo Miniussi, Prof. Remo Job, Dr. Alessandro Grecucci, Trento University; Prof. Sara Mondini, Padua University; Dr Barbara Tomasino IRCCS ‘E. Medea’; Prof. Alessia Tessari, Bologna University; Dr. Jimmy Morelli, Pisa University.
Chile	Prof Wael El Deredy, University of Valparaiso.
U.K.	Prof. Gianni De Fraja, Nottingham University.

Skills

Languages.....

Italian: Native speaker

English: Fluent, both oral and written

French: Working knowledge, both oral and written

Hebrew: Beginner

Membership to scientific societies

2012-

Member of Associazione Italiana di Psicologia

2009-

Member of the 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

Member of the Società Italiana di Neuropsicologia

Ad hoc reviewer for:

I am currently on the editorial board of ***Cognitive Neuropsychology***, ***Journal of Neuropsychology*** and ***Minerva Psichiatrica***, and I am an action editor of ***Brain & Cognition***.

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

Teaching experience

In Italy

1995-2015

“Cognitive Neuropsychology” course now called “Social, Cognitive Neuroscience” for the Ph.D. in Neuroscience, now Ph.D. in Cognitive Neuroscience (SISSA).

1998-2004

“Cognitive Neuropsychology”, Degree in Physiotherapy, Faculty of Medicine, Udine, Italy.

2000-2002

“Neuropsychology of visual and motor systems”, Faculty of Psychology, Univ. “Milano-Bicocca”, Milan, Italy.

2020-

“Cognitive Neuropsychology” course now called “Intelligence and personality” for the Ph.D. in Neuroscience, now Ph.D. in Cognitive Neuroscience (SISSA).

Abroad

2013

Visiting professor, Department for Psychology, South China Normal University, P. R. China (2 weeks).

1995

Visiting professor Department of Psychology, Almeria University, Spain (2 weeks).

1994-1995

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

Students' supervision

Ph.D. awarded

1. Tiziano Suran Ph.D. October 2019, employed at SWG Trieste.
2. Damiano Terenzi (co-supervised with Dr Ajello) Ph.D. October 2019, postdoc at Potsdam University, Germany.
3. Nora Chen (co-supervised with Dr Foroni) November 2018.
4. Sofia Osimo November 2018, now postdoc at the University of Lausanne, Switzerland.
5. Miriam Vignando May 2018, now research fellow at the Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK.
6. Paolo Garlasco (co-supervised with Dr Parma) Feb 2018.
7. Carol Coricelli Ph.D. Jan 2018, now research fellow at SISSA.
8. Georgette Argiris (co-supervisor Prof. Crepaldi) Ph.D. Oct 2017, now research fellow in USA.
9. Luca Piretti, Ph.D. Jan 2017, now in residency at Univ of Udine, Italy.
10. Cinzia Cecchetto, Ph.D. Jan 2017, now postdoc at Padua University, Italy.
11. Luca De Simone, Ph.D. Nov 2015.
12. Jenny Baumeister (co-supervisor Dr. Francesco Foroni), Ph.D. March 2015. Now in Munich, Germany.
13. Alessandro Cicerale (co-supervisor prof. Flash, Weizmann, IL), Ph.D. March 2013, now research fellow at the University of Turin, Italy.
14. Paola Mengotti Ph.D. Oct. 2012, now postdoc at the FSZ in Juelich, Germany.
15. Gareth Bland, Ph.D. March 2012, now data scientist at MPI Frankfurt, Germany.
16. Claudia Civai, Ph.D. Nov 2011, now lecturer London South Bank University, UK. She was awarded the SISSA best thesis in neuroscience prize for 2011.
17. Liuba Papeo, Ph.D. in 2010, now *chargé de recherche* at CNRS, Lyon, France. Her thesis was awarded an AIP (Associazione Italiana di Psicologia), She was awarded the SISSA best thesis in neuroscience prize for 2010.
18. Joana Carmo, Ph.D. in 2010, now research fellow at the University of Lisbon, Portugal.

19. Alessandro Grecucci, Ph.D. in 2010, now assistant professor at Trento University, Italy.
20. Gioia Negri, Ph.D. in 2008, then postdoc at La Sapienza University, Rome, Italy, now self-employed psychotherapist.
21. Corrado Corradi Dell'Acqua, Ph.D. in 2007, assistant professor at Genève University, CH.
22. Gorana Pobric, Ph.D. in 2006 cum laude, now lecturer at Manchester University, U.K.
23. Alberta Lunardelli, Ph.D. obtained in 2006 at Drexel University, Philadelphia, PA, USA, now clinical neuropsychologist at Azienda Ospedali Riuniti, Trieste, Italy.
24. Valerie Lesk, Ph.D. in 2005 cum laude, now lecturer at Bradford University, U.K.
25. Alessia Tessari, Ph.D. in 2004 cum laude, associate professor at Bologna University.
26. Barbara Tomasino, Ph.D. in 2004, now researcher IRRCs "E. Medea", Udine, Italy. Her thesis was awarded an AIP (Associazione Italiana di Psicologia) prize.

MSc students

1997-2004

University of Padua, University Milano-Bicocca Italy.

1997-

University of Trieste, Italy.

2012

Faculty of Cognitive Science, University of Trento, Italy.

Ngubia Kuria (SISSA, obtained a Ph.D. in gender studies at the Freie Universität, Berlin, Germany).

External Ph.D. examiner

2020 Milano Bicocca (Milano, IT)

2020 Padova University (IT), Bologna University (IT), Catholic University (Milan, IT), IUS (Pavia, IT)

2018 Bradford University (Bradford, U.K.)

2017 'Institut Paul Bocuse', Lyon, France, The University of Valparaiso (Valparaiso, Chile)

2016 Bradford University (Bradford, U.K.)

2015 Radboud University Nijmegen (The Netherlands), Bologna University (IT); San Raffaele University (Milan, IT).

2014 San Raffaele University (Milan, IT); University of Padua (IT).

2013 Louvain La Neuve University (Belgium).

2012 University of Udine (IT); University of Padua (IT).

2010 University of Trento (IT).

2011 University La Sapienza, (Rome, IT).

2002 Plymouth University (U.K.).

Organizational Roles

2021 Jan-

Member of Committee promoting European Higher Education Area initiatives in Italy (MUR).

2001-2004; 2013-Nov 2015; Dec 2020-

Member of SISSA's Board of Governors.

2010- Nov 2015; Jan 2020-

Chair of SISSA's Ethics Committee.

Jan 2017-

Member of the Scientific Advisory Board of the Vienna Doctoral School CoBeNe.

2012-Nov 2015

Coordinator of the PhD in Cognitive Neuroscience.

2010- Nov 2015

SISSA's Coordinator (with Prof. Treves) of the joint Master (=Laurea Magistrale) in Cognitive Neuroscience with the University of Trento.

2009-Nov 2015

Chair of the Regional fMRI consortium's scientific committee (SISSA, Azienda Ospedaliero-Universitaria Udine, La Nostra Famiglia).

2009-2012

Member of the Società Italiana di Neuropsicologia's (SINP) steering committee.

2007-

Member of the European Workshop in Cognitive Neuropsychology's steering committee.

2004

Member of the advisory committee of the Institute of Medicine, FSZ, Juelich, Germany.

2004-2007

Coordinator of SISSA's Cognitive Neuroscience Sector and member of SISSA's Academic Senate.

EVALUATION ACTIVITIES

Jan 2020-

Member of the ANVUR committee with the task of testing civics in higher education

Dec 2017-2019

Member of the Scientific Committee for the project 'Non Cognitive Skills'.

Dipartimento della Conoscenza, Provincia Autonoma di Trento, Italy

Jan 2016-Jan 2020

Member appointed by ANVUR of the Scientific Technical Committee in charge of the Scientific Degrees Programme (Piano Lauree Scientifiche).

Nov 2015-Jan 2020

Vice President of the Executive Board of the National Agency in charge of evaluating the Italian University System and Research (ANVUR).

Ad hoc reviewer for institutions and granting agencies/bodies

Italy.....

Trento University, Trieste University, Padova University, Italian Ministry of University and Research, Italian Multiple Sclerosis Society (FISM).

Rest of the world.....

Agence Nationale de la Recherche (France), Austrian Science Fund, AXA, British Academy, British Medical Research Council, Biotechnology and Biological Sciences

Research Council, ERC, National Science Centre -Poland, SASPRO-Slovakia, Third World Organization For Women In Science, US-National Science Foundation, US-Israel Binational Science Foundation, Innovational Research Incentives Scheme-VICI.

Organization of conferences, symposia and schools

1. Workshop entitled “Perspectives on fMRI Imaging at ultrahigh field”, organized with Umberto Castiello (University of Padua), SISSA, September 21st 2015.
2. “Semantic Processing and its Disorders”, A workshop in honor of Prof. Shallice, SISSA, July 29-30, 2015.
3. Plenary session “Social Cognition: The Contribution of Neuropsychology” with Stefano Cappa at European Workshop on Cognitive Neuropsychology, Brixen, Italy, Jan 28th, 2015.
4. SCoNe Summer School SISSA, Trieste July 21-August 1, 2014.
5. Symposium entitled “Neuro-cognitive mechanisms of social interaction” at the International Neuropsychological Symposium, Lido di Camaiore, June 23-28, 2014.
6. SCoNe Summer School SISSA, Trieste July 15-28, 2013.
7. Federation of European Societies of Neuropsychology, symposium entitled “The human others: a social neuroscience perspective” chaired with Claus Lamm, Basel, Switzerland, September 7-9 2011.
8. Italian Neuropsychology Society (SINP), symposium entitled “New methods for the quantitative analysis of the cerebral lesions in neuropsychology”, Bologna, Italy, May 7th 2010.
9. Italian Society of Neuroscience (SIN), symposium entitled “A multimodal approach to neuroeconomics: The contribution of human cognitive neuroscience”, Milan, Italy, October 2009.
10. More Geometrico, symposium entitled “Motor Cognition”, SISSA, Trieste, Italy, October 2009.
11. “Borsellino College”, ICTP, Trieste, Italy, September 2007 (co-organizer).
12. Symposium “Concepts and actions”, European Workshop of Cognitive Neuropsychology, Bressanone, Italy, January 2007.
13. Symposium “Imitation of actions”, European Workshop of Cognitive Neuropsychology, Bressanone, Italy, January, 2003.
14. 4th Science of Aphasia Conference: Aphasia - Cross-disciplinary Aspects. Trieste, Italy, 22-27 August.2003.
15. Cognitive Neuroscience of Actions, Germany, (sponsored by Max Planck Institute for Psychological Research, München, Germany), February 2002 (co-organizer).
16. Symposium on “Action recognition and imitation”, TENNET, Montreal, Canada, June 2001.
17. Conference “The Acting Brain”, Trieste, Italy, September 2000 (co-organizer).
18. Symposium on “Cognitive Neuropsychology of Action”, TENNET, Montreal, Canada, June 1998.

PUBLICATIONS

Peer-reviewed articles.....

2021

1. Aiello, M., Cecchetto, C., Pisanu, E., Schöpf, V. & **Rumiati, R.I.** (2021). Food olfactory cues reactivity in individuals with obesity and the contribution of alexithymia. (*submitted*).
2. Terenzi, D., Catalan, M., Polverino, P., Bertolotti, P., Manganotti, P., **Rumiati, R.I.** & Aiello, M. (2021). Effects of tDCS on reward responsiveness and valuation in impulse control disorders in Parkinson’s patients with impulse control disorders. (*submitted*).
3. Piretti, L., Pappaianni E., Gobbo, S., **Rumiati, R.I.**, Job, R., & Grecucci, A. (2021). Dissociating the role of dlPFC and dACC/dmPFC in emotional

processing using tDCS (*under review*).

4. Tessari, A. & **Rumiati, R.I.** (2021). Processes underlying route selection in imitation of actions. *Psychological Research (submitted)*. Protective factors for cognitive decline: Trajectories and changes in a longitudinal study with Italian elderly. *Nature Aging (submitted)*.
5. Mondini, S., Pucci, V., Montemurro, S. & **Rumiati, R.I.** Protective factors for cognitive decline: Trajectories and changes in a longitudinal study with Italian elderly.
6. Arbula, S., Pisanu, E., & **Rumiati R.I.** (2021). Representation of social content in dorsomedial prefrontal cortex underlies individual differences in agreeableness trait. *NeuroImage*. Apr 10:118049. doi: 10.1016/j.neuroimage.2021.118049.
7. Lapomarda, G., Pappaianni E., Calcagni, A., Siugzdaite, R., Sanfey, A.G., **Rumiati, R.I.**, & Grecucci A. (2021). The dark side of the mood: Structural markers of bipolar disorder and their relation with risky behavior. *Behavioural Brain Research*. May 21;406:113228. doi: 10.1016/j.bbr.2021.113228.
8. Tessari, A., Mengotti, P., Faccioli, L., Boscaro, S., Cipolli, C., Taricco, M. & **Rumiati, R.I.** (2021). Effect of meaning and body-part specificity in gesture imitation in left hemisphere stroke patients, *Neuropsychologia*, Jan 22;151:107720. doi: 10.1016/j.neuropsychologia.2020.107720
9. Osimo, S.A., Piretti, L., Ionta, S., **Rumiati, R.I.** & Aiello, M. (2021). The neural substrates of subliminal attentional bias and reduced inhibition in individuals with a higher BMI: a VBM and resting state connectivity study. *NeuroImage*, Apr 1;229:117725. doi: 10.1016/j.neuroimage.2021.117725.

2020

10. Piretti, L., Pappaianni E., Lunardelli, A., Zorzenon, I., Ukmar, M., Pesavento, M., **Rumiati, R.I.**, Job, R., & Grecucci, A. (2020). The role of amygdala in self-conscious emotions in a patient with acquired bilateral damage. *Frontiers in Neuroscience*, doi: 10.3389/fnins.2020.00677. eCollection 2020. PMID: 32733192
11. Aspé-Sánchez, M., Mengotti, P., **Rumiati, R.I.**, Rodriguez-Sickert, C., Ewer, J., & Billeke, P. (2021). Late frontal negativity discriminates outcomes and intentions in trust-repayment behavior. *Frontiers in Psychology*. Nov 25, 11:532295, doi: 10.3389/fpsyg.2020.532295. eCollection 2020
12. Miccoli, P. **Rumiati, R.I.**, & Checchi, D. (2020). Open Access of research; which role in the process of evaluation? Experience by Agenzia Nazionale di Valutazione del Sistema Universitario e della Ricerca (ANVUR). *SCIRES-IT*, 10, 17-20. DOI: <http://dx.doi.org/10.2423/i22394303v10Sp17>
13. Vignando, M., **Rumiati, R.I.**, Manganotti, P., Cattaruzza, T., & Aiello, M. (2020). Establishing links between abnormal eating behaviours and semantic deficits in dementia. *Journal of Neuropsychology*, 14, 431-448. doi: 10.1111/jnp.12195
14. Turella, L. , **Rumiati, R.I.** & Lingnau, A. (2020). Hierarchical action encoding within the human brain. *Cerebral Cortex*, 30, 2924-2938. doi: 10.1093/cercor/bhz284.
15. Korb, S., Massaccesi, C., Gartus, A., Lundström, J.N., **Rumiati, R.I.**, Eisenegger C., & Silani G. (2010). Facial responses of adult humans during the anticipation and consumption of touch and food rewards. *Cognition*. Sep 6;194:104044. doi: 10.1016/j.cognition.2019.104044.
16. Aiello, M., Parma, V., De Carlo, S., Hummel, T., & **Rumiati, R.I.** (2019). Cognitive, olfactory and affective determinants of body weight in aging individuals. *Archives of Clinical Neuropsychology*, 34, 637-647. <https://doi.org/10.1093/arclin/acy072>

2019

17. Miccoli, P., & **Rumiati, R.I.** (2019). Italy's evaluators: rankings boom is real. *Nature*. Oct;574(7779):486. doi: 10.1038/d41586-019-03206-y.

18. Coricelli, C., Toepel, U., Notter, M.-L., Murray, M.M., & **Rumiati, R.I.** (2019). Distinct brain representations of processed and unprocessed foods. *European Journal of Neuroscience*, *8*, 3389-3401, doi: 10.1111/ejn.14498
19. Coricelli, C., Foroni, F., Osimo, S., & **Rumiati, R.I.** (2019). Implicit and explicit evaluations of foods: The natural and transformed dimension. *Food Quality and Preference*, *73*, 143-153. doi.org/10.1016/j.foodqual.2018.11.014 Elsevier
20. Vignando, M., Aiello, M., Rinaldi, Cattaruzza, T., Mazzon, G., A., Manganotti, P., Eleopra, R., & **Rumiati, R.I.** (2019). Food knowledge depends upon the integrity of both sensory and functional properties: a VBM, TBSS and DTI tractography study *Scientific Reports*, May 15;9(1):7439. doi: 10.1038/s41598-019-43919-8.
21. Aiello, M., Terenzi, D., Furlanis, G., Catalan, M., Manganotti, P., Eleopra, R., Belgrado, E. & **Rumiati, R.I.** (2019). Deep brain stimulation of the subthalamic nucleus and the temporal discounting of primary and secondary rewards. *Journal of Neurology*. 2019 Feb 14. doi: 10.1007/s00415-019-09240-0
22. Cecchetto, C., Lancini, E. **Rumiati, R.I.**, & Parma, V. (2019). Women smelling men's masked body odors show enhanced harm aversion in moral dilemmas. *Physiology & Behavior*, *201*, 212-220.
23. Cecchetto, C., Lancini, E., Bueti, D., **Rumiati, R.I.**, & Parma, V. (2019). Body odors (even when masked) make you more emotional: behavioral and neural insights. *Scientific Reports*, Apr 2;9(1):5489. doi: 10.1038/s41598-019-41937-0.
24. Suran, T., **Rumiati, R.I.** & Piretti, L. (2019). The Contribution of the Left Inferior Frontal Gyrus in affective processing of Social Groups'. *Social Neuroscience*. Mar 26:1-10. doi: 10.1080/17588928.2019.1593127
25. Terenzi, D., Mainetto, E., Barbato, M., **Rumiati, R.I.** & Aiello, M. (2019). Temporal and effort cost decision-making in healthy individuals with subclinical psychotic symptoms. *Scientific Report*, 15;9(1):2151.
26. Garlasco, P., Osimo, S.A., **Rumiati, R.I.**, & Parma, V. (2019). A hierarchical-drift diffusion model of the roles of hunger, caloric density and valence in food selection. *Appetite*, *138*, 52-59.
27. Mengotti, P., Foroni, F., & **Rumiati, R.I.** (2019). Neural correlates of the energetic value of food during visual processing and response inhibition. *Neuroimage*, *184*, 130-139.
28. **Rumiati, R.I.** Ciolfi, A., Di Benedetto, A., Sabella, M., Infurna, M.R., Ancaiani, A. & Checchi, D. (2019). Key-competences in higher education as a tool for democracy. *Form@re*, *3*, 7-18.

2018

29. Aiello, M., Vignando, M., Silveri, M.C. & **Rumiati, R.I.** (2018). Episodic memory for natural and transformed food. *Cortex*, *107*, 13-20.
30. Vignando, M., Aiello, M., Foroni, F., Marcon, G., Tettamanti, M. & **Rumiati, R.I.** (2018). How experience modulates semantic memory for food: evidence from elderly adults and centenarians. *Scientific Reports*, pr 24;8(1):6468.
31. Aiello, M., Ambron, E., Situlin, R., Foroni, F., Biolo, G. & **Rumiati, R.I.** (2018). Body weight and its association with impulsivity in middle and old age individuals. *Brain and Cognition*, *123*, 103-109.
32. Terenzi, D., **Rumiati, R.I.**, Catalan, M., Antonutti, L., Furlanis, G., Garlasco, P., Polverino, P., Bertolotti, C., Manganotti, P., & Aiello M. (2018). Reward sensitivity in Parkinson's patients with Binge Eating. *Parkinsonism Related Disorders*. *51*, 79-84.
33. Mengotti, P., Aiello, M., Terenzi, D., Miniussi, C., & **Rumiati, R.I.** (2018). How brain response and eating habits modulate food energy estimation. *Physiology and Behaviour*, *188*, 18-24.
34. Cecchetto, C., Korb, S., **Rumiati, R.I.** & Aiello, M. (2018). Emotional reactions in moral decision-making are influenced by empathy and alexithymia. *Social Neuroscience*. *13*, 226-240.

2017

35. Carmo, J.C., Gonçalves, F., Souza, C., Pinho, S., Filipe, C. N., & **Rumiati, R.I.** (2017). Over-imitation in autism spectrum disorder: Causally opaque and transparent actions. *Journal of Cultural Cognitive Science*, *1*, 77-87.
36. Cecchetto, C. **Rumiati, R.I.**, & Parma, V. (2017). Promoting cross-culture research on moral decision-making with standardized, culturally-equivalent dilemmas: The 4CONFIDE set. *Journal of Health and Social Sciences*, *2*, 173-194.
37. Cecchetto, C. **Rumiati, R.I.**, & Aiello, M. (2017). Alexithymia and emotional reactions to odors. *Scientific Reports*, Oct 26;7(1):14097. doi: 10.1038/s41598-017-14404-x
38. Pergola, G. Foroni, F., Mengotti, P., Argiris, G. & **Rumiati, R.I.** (2017). A neural signature of food semantics is associated with body-mass index. *Biological Psychology*, *129*, 282-292.
39. Aiello, M., Eleopra, R., Foroni, F., Rinaldo, S., & **Rumiati, R.I.** (2017). Weight gain after STN-DBS: The role of reward sensitivity and impulsivity. *Cortex*, *92*, 150-161.
40. Moretti, R., Milner, V., Caruso, P. Gazzin, S., & **Rumiati, R.I.** (2017). Frontal Tasks and Behavior in Rigid or Tremor-Dominant Parkinson Disease. *American Journal of Alzheimer's Disease & Other Dementias*, *32*, 300-306.
41. Osimo, S.A. & **Rumiati, R.I.** (2017). Building up hypotheses in clinical psychology and neuroscience: Similarities and differences. *Rivista Internazionale di Filosofia e Psicologia*, *8*, 110-117.
42. Korb, S., Osimo, S.A., Suran, T., Goldstein, A., & **Rumiati, R.I.** (2017). Face proprioception does not modulate access to visual awareness of emotional faces in a continuous flash suppression paradigm. *Consciousness and Cognition*, *51*, 166-180.
43. Baumeister, J.C., Foroni, F., Conrad, M., **Rumiati, R.I.**, & Winkielman, P. (2017). Embodiment and emotional memory in first vs. second language. *Frontiers in Psychology, section Cognition*, *23*; 8:394.
44. Cecchetto, C., **Rumiati, R.I.**, & Parma, V. (2017). Relative contribution of odour intensity and valence to moral decisions. *Perception*, *46*, 447-474.
45. Foroni, F. Vignando, M., Aiello, M. Paoletti, M.G., Squartini, A. & **Rumiati, R.I.** (2017). The smell of *terroir*! Olfactory discrimination abilities of wines of different grape variety and terroir. *Food Quality and Preference*, *58*, 18-23.
46. Mengotti, P., Sebastianutto, L., Spiezio, C., **Rumiati, R.I.**, & Balaban, E. (2017). The dual-route imitation in preschool children. *Acta Psychologica*, *173*, 94-100.

2016

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168. 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.
169. **Rumiati, R.I.**, & Caramazza, A. (2005). The multiple functions of sensory-motor representations: an introduction. *Cognitive Neuropsychology*, 22, 259-61.
170. **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.

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172. Miccoli, P. e **Rumiati, R.I.** Recovery Fund a sostegno di Ricerca e Istruzione: la valutazione sia strumento centrale per attribuire le risorse. Il Sole 24 Ore. <http://scuola24.ilssole24ore.com/art/universita-e-ricerca/2021-02-15/recovery-fund-sostegno-ricerca-e-istruzione-valutazione-sia-strumento-centrale-attribuire-risorse-172656.php?uuid=AD1b9JB> (16.02.2021).
173. Iacovelli, G. e **Rumiati, R.I.** Anche nelle università italiane la Dad è qui per restare <https://www.lavoce.info/archives/71667/anche-nelle-universita-italiane-la-dad-e-qui-per-restare/> (11.01.2021).
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175. **Rumiati, R.I.** C'è un futuro per la didattica a distanza. <https://www.lavoce.info/archives/69428/ce-un-futuro-per-la-didattica-a-distanza/> (14.09.20).
176. Caprara, G.V., **Rumiati, R.I.**, Santambrogio, M. e Ziparo, V. (2020). Organizzare la generosità dei giovani. *Mondoperaio*, 6, 35-40.
177. **Rumiati, R.I.**, Checchi, D., Ancaiani, A., Sabella, M., Infurna, M.R., e Di Benedetto, A. (2019). Il *Problem Solving* come competenza trasversale: Inquadramento e prospettive nell'ambito del progetto TECO. *Scuola Democratica*, 1, 239-257. doi: 10.12828/93404, ISSN 1129-731X
178. **Rumiati, R.I.** e Checchi, D. Atenei, quali competenze. *Avvenire* (12.5.2019). <https://www.avvenire.it/agora/pagine/atenei-quali-competenze>.
179. **Rumiati, R.I.**, Checchi, D., Ciolfi, D., Sabella, M., Di Benedetto, A., e Infurna, M.R. (2018). Le competenze degli studenti universitari: il progetto TECO. *Education 2.0*, 1, 239-257.
180. Rumiati, R.I. [Verso un'educazione fondata sulle competenze](https://www.lavoce.info/archives/54683/verso-una-educazione-fondata-sulle-competenze/). (28.08.2018)
181. **Rumiati, R.I.** Asine in matematica? Non è proprio così. Dove la parità è un diritto, il gap sparisce. Blog "La 27esima Ora", *Corriere della Sera*. 18 March, 2014.
182. Carnaghi, A., Foroni, F., & **Rumiati, R.I.** (2012). Le categorie sociali e l'organizzazione lessicale-semantica delle conoscenze. *Reti, Saperi, Linguaggi*, 2, pp. 19-21.
183. Lunardelli, A., Negri, G.A.L., Sverzut, A. Gigli, G. & **Rumiati, R.I.** (2011). "So cos'è ma non so come usarlo": un caso di aprassia ideativa. *Giornale Italiano di Psicologia*, 3, 605-625.
184. **Rumiati, R.I.** (2010). *Donne e Uomini*. Bologna: Il Mulino (pp.1-128).
185. **Rumiati, R.I.** Quelle scienziate ebre dimenticate due volte. *Pagine Ebraiche*, n.12, pp. 32-33, 2010.
186. Tessari, A., Toraldo, A., Lunardelli, A., Zadini, A., & **Rumiati, R.I.** (2011). Prova standardizzata per la diagnosi del disturbo aprassico ideomotorio selettivo per tipo di gesto e tipo di effettore. *Ricerche di Psicologia*, 3, 311-339.
187. **Rumiati, R.I.** Neuroscienze e razzismo. *Sapere*. 2010.
188. **Rumiati, R.I.** Identità: si nasce o si diventa? *Pagine Ebraiche*, n. 6, pp. 32-33, 2010.
189. **Rumiati, R.I.** Nasce a Trieste il primo manifesto di Neuroetica. *Il Piccolo*, March 26th, 2008.
190. **Rumiati, R.I.** Razzismo e Psicologia. *Sole 24 Ore*, Nov. 2nd 2008.
191. **Rumiati, R.I.** Valutazione neuropsicologica dei deficit motori. *La Stampa*, 2007.

192. **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.
193. **Rumiati, R.I.** Ma l'uomo uccide tre volte di più. *Sole 24 Ore*, Sept. 29th 2007.
194. **Rumiati, R.I.**, & Coyaud, S. Compagno bonobo. Stupro. *Diario del Mese*, Oct. 20th, 2006.
195. **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.
196. Spiezio, C., & **Rumiati, R.I.** Guardando s'impara: il chi, come e quando dell'imitazione. *SISSANEWS*, year 3, Dec 2003.
197. **Rumiati, R.I.**, Tomasino B., & Isaja, A. Immaginare il movimento. *SISSANEWS*, year 2, issue 2, June 2003.
198. **Rumiati, R.I.** (1999). Il riconoscimento visivo di oggetti. *Giornale Italiano di Psicologia*, 2, 241-271.
199. **Rumiati, R.I.** (1992). Memoria di ambienti: uno studio sperimentale. *Giornale Italiano di Psicologia*, 4, 585-599.

EDITED SPECIAL ISSUES

Rumiati, R.I. & di Pellegrino, G. Cognitive neuroscience of food (2016) *Brain and Cognition*.

Rumiati, R.I. & Humphreys, G. (2015). Neurocognitive mechanisms of social interaction. *Cortex*.

Tomasino B. & **Rumiati, R.I.** (2014). What does neuropsychology say about the role of sensorimotor processes in conceptual knowledge and abstract concepts. *Frontiers in Human Neuroscience*.

Rumiati, R.I. & Caramazza, A. (2005). The Multiple Functions of Sensory-Motor Representations. *Cognitive Neuropsychology*, pp. 240.

Rumiati, R.I. & Bekkering, H. (2003). Action Recognition and Imitation. *Brain and Cognition*.

SCIENTIFIC TRANSLATING AND EDITING

Supervision and editing of the second edition in Italian of Purves D., Brannon E.M., Cabeza R., Huettel S.A., La Bar K.S., Platt M.L. & Woldorff M.G. (2014). *Neuroscienze Cognitive*. Bologna: Zanichelli.

Translation of Levy N. (2007). *Neuroethics*. Cambridge, UK: Cambridge University Press; Milan: Apogeo.

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

SELECTED SCIENTIFIC INVITED TALKS (from 2012 to 2020)

1. 'Psychological support to health workers during the Covid 19 pandemia in Italy', talk given within the webinar entitled "Neuroscience and ethics in

- the face of the pandemic: Lessons from Italy", at the 'International Neuroethics Society, Oct. 23rd, 2020.
2. 'Supporto psicologico agli operatori sanitari durante la pandemia Covid 19 in Italia' talk given within the Webinar Unesco entitled "Covid-19: Mente e Cervello nella Tempesta Pandemica" IMT - Lucca, the Nov. 23rd, 2020.
 3. 'How Cognitive and non-Cognitive Skills contribute to Higher Education: A neuroscientific approach', talk given at the Meeting of the Associazione Nazionale Formatori entitled 'La Neuroformazione', XXXI Edition, Matera, Italy, Nov. 7-9th, 2019.
 4. 'Riconoscimento visivo del cibo', talk given at the 1st Workshop entitled 'Mind in Mouth, CiMeC, Rovereto, University of Trento, Italy, Oct 30-31st, 2019.
 5. 'Cognitive and non-Cognitive Skills in Higher Education', talk given at the Meeting entitled 'Future of Neuroethics', XI Edition, Vita-Salute San Raffaele University, Milan, Italy. May 15-17th, 2019.
 6. "We are what we eat: Visual food recognition in humans" 19th World Congress of Psychophysiology, IMT Lucca, Italy, Sept 5, 2018
 7. "Visual food recognition in humans", Dept of Psychology and Cognitive Science, Trento University, Trento, Italy, Dec 2017.
 8. "Visual food recognition in humans", Genève University, Genève, Switzerland, Nov 2017.
 9. "The cognitive neuroscience of food", talk given at the Workshop at the Neuroscienza de Chile, Chiloè, Chile, Oct 2017.
 10. "How social groups are represented by in the brain" talk given at the Workshop entitled "Neuroscience goes social", held at the Università La Sapienza, Rome, May 26, 2017.
 11. "How social groups are represented by in the brain" talk given at the Università Roma Tre, Rome, April 3, 2017.
 12. "How social groups are represented by in the brain" talk given at the symposium entitled "Novel approaches towards causal inference in social neuroscience", International Convention of Psychological Science, Vienna, Austria, March 25, 2017.
 13. "The cognitive neuroscience of food", University of Valparaiso, Valparaiso, Chile, March 17, 2017.
 14. "The neural representation of social groups", Centre de Investigación en Complejidad Social, Universidad del Desarrollo, Santiago, Chile, March 15, 2017.
 15. "The cognitive neuroscience of food", Università di Pollenzo, Bra, Italia, March 9, 2017.
 16. "The neural representation of social groups" keynote at the 1st annual meeting of the Vienna Doctoral School Annual CoBeNe, Josephinum, Wien, Austria, March 7, 2017.
 17. "The cognitive neuroscience of food", Dept of Education, TAU, Tel Aviv, Israel, January 2, 2017.
 18. Neurocognitive mechanisms involved in the Ultimatum game. Bari University, June 30, 2016.
 19. "Cervello e cibo nei centenari", talk presented at "Cento e più ... al Savoia", Trieste, November 4, 2015.
 20. "Embodied & disembodied cognition", discussant of Simone Schnall's talk entitled "How the body shapes the mind: Unconscious influences on perception, at "Social Change in the Brain Age", School of Advanced Studies, Pavia, September 10, 2015.
 21. "Cibo per la mente" at "Cervelli a Mente-Nutrire il Cervello", Settimana del Cervello, Università degli Studi di Milano, Milano March 18 2015.
 22. "The Concepts of Social Groups: Neuropsychological Evidence", NYU, NY Nov 11th 2014.
 23. "Cibo e Cervello" at the meeting "Cibo e Cervello: Alimenti, Gusto e Neuroni", Ordine dei medici of Vercelli, Vercelli, Italy 2014.
 24. "Food for thoughts" Institute of Neuroscience, CNR, Pisa, Sept 8th 2014.
 25. "Donne e scienza" at "La Science en Rose"- Padova, May 30th, 2014.

26. “Neuroscienze del cibo” at “CIBO e CERVELLO: Neurogastronomia tra piaceri alimentari e disordini dietetici”, Monza, May 24th, 2014.
27. “Social concepts have a representation of their own” at the Convegno di Neuroetica, Padova, May 14-16, 2014.
28. “Neuroscienze del cibo” at *Brain in Italy* (Brain Awareness Week), Teatro Parenti, Milan, March 15-16, 2014.
29. “Esiste un cervello femminile?” at “Il tempo delle donne” organized by Corriere della Sera, Teatro Parenti, Milan, March 13, 2014.
30. “Possiamo parlare di cervello femminile?” Museo delle Scienze Naturali, Milano Jan 29, 2014.
31. “Action all over” talk given at CAOS-Concepts, Actions and Objects, Rovereto, May 23-26, 2013.
32. “Where do language and action meet? In our imagination” talk given at the Institute of Psychological Sciences, University of Louvain-La-Neuve, Louvain-La-Neuve, Belgium, April 18, 2013.
33. “How social groups are represented in the brain? Clues from neuropsychology” talk given at the Symposium on Social Development organized by Claus Lamm at TeaP Conference, Vienna University, Vienna, Austria, March 25-28, 2013.
34. “Deconstructing Apraxia”, talk given at the Symposium on Behavioural Neurology Lucerne – Current topics in apraxia organized by Georg Goldenberg and Stephan Bohlhalter, Luzerner Kantonsspital, Neurology and Neurorehabilitation Center, Lucerne, Switzerland, March 27-28, 2013.
35. “Where do language and action meet? In our imagination” talk given at the Speech and Hearing Division, University of Hong Kong, Hong Kong, January 4th 2013.

SELECTED INVITED TALKS ON EVALUATION (from 2015 to 2020)

1. ‘Il ruolo dell’Università come enhancement cognitivo e culturale’, talk given at The POT 6 – COBASCO (COmpetenze di Base Comuni) – Lettere, Padua University, Italy, Feb 17, 2020.
2. ‘How is research quality assessed in Europe? Implications and suggestions for you and your cv’. Talk given at The Cognitive Science Arena, Brixen, Italy, Feb 7-8, 2020.
3. ‘Alcune riflessioni su formazione post laurea e lavoro, talk given at the ‘La ricerca al lavoro’: la terza missione e terzo, Padua University, May 20, 2019.
4. ‘Competences as a tool for democracy’, talk presented at the meeting entitled ‘Global Forum for Higher Education and Scientific Research: Present and Future’, Il Cairo, Egypt, April 6, 2019.
5. Round table at a meeting organized by CISIA on “Orientamento e accesso all’Università” at “Federico II University”, Naples, Italy, Oct 28th 2017.
6. Round table entitled “Valutazione degli apprendimenti” at the Meeting on “Didattica e Docimologia di Mario Gattullo”, Bologna, Italy Oct 31, 2017.
7. “Il progetto TECON e la sfida delle competenze trasversali,” talk presented at the meeting “Transformative Learning. L’innovazione didattica e organizzativa nell’università”, Arezzo Campus della Piona, November 22-23, 2016.
8. Round Table entitled “Valorizzazione della ricerca”, Annual AIP meeting. CNR, Roma, Italy, September 19, 2016.
9. L’accreditamento dei corsi di dottorato. Padua University, June 15th 2016.
10. L’accreditamento dei corsi di dottorato: Verso il XXII ciclo, IMT, Lucca, Italy, February 25, 2016.

VISITS

- 2008** Visiting scientist, Weizmann Institute, Rehovot, Israel, 4 weeks, May.
Visiting scientist, Institute for Psychology, RWTH Aachen University, Germany (4 weeks).
- 2005** Visiting scientist, Brain Science Institute, Riken, Saitama, Japan (6 weeks).
- '03/'04** Visiting scientist, IME Forschungszentrum, Jülich, Germany, Bessel Award (1 year).
- 2002** Visiting scientist, IME Forschungszentrum, Jülich, Germany, June-July.
- 2002** Visiting scientist, Max Planck Institute for Psychological Research, München, Germany (4 weeks).
- 2001** Visiting scientist, IME Forschungszentrum, Juelich, Germany (2 weeks).
- 1999** Research period at the Institute of Cognitive Neuroscience, University College, London, U.K. (2 weeks).
- '97-'98** Clinical training at the Department of Neuropsychology of the National Hospital for Nervous Diseases in London, U.K. (2 weeks).
- 1995** Visiting professor Department of Psychology, Almeria University, Spain (2 weeks).

H-index (#citations)

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