

ANNA M. BORGHI
CURRICULUM VITAE

SHORT VERSION

Anna Maria Borghi has a Master in Philosophy and a PhD in Psychology (1997). She was researcher at the University of Bologna from 1999 to 2005. In October 2005 she became associate professor in Psychology at the same university (M/PSI-01).

Since 9 January 2017 she is associate professor at Sapienza University of Rome.

In 2013 and 2014 she has obtained the Italian National Scientific Qualification (idoneita') as Full Professor.

Since 2001 she is also associate researcher at the Institute of Sciences and Technologies of Cognition, CNR, Rome.

She was visiting scholar in some American universities: 1994 and 1996, University of Chicago (collaboration with prof. Larry Barsalou), 2000 ad 2001, Emory University, Atlanta (collaboration with Larry Barsalou), 2002, University of Wisconsin, Madison (collaboration with Art Glenberg). She is fellow of the Einstein Group (Berlin School of Mind and Brain, organized by Jesse Prinz).

Editorial activity.

She is associate editor of the journals *Frontiers in Psychology*, *PeerJ*, and *Psychological Research*, she is in the editorial board of the journal *Sistemi Intelligenti* and in the board of reviewers of the journal *Cognitive Science*. She is occasional reviewer of many journals, as it can be seen here: <https://publons.com/author/201065/anna-m-borghi#profile>. She is also occasional reviewer for some international funding agencies: National Science Foundation, Research Council (UK), Dutch NWO, Agence National de la Research (France), Research Council of Canada, National Institute for Health (Usa).

Anna has been editor of special issues on the journals *Neuropsychologia* (Sense of body: A.Tessari, A.Serino, M. Tsakiris, A.M. Borghi, 2010), *Sistemi intelligenti* (Social Cognition: A.M. Borghi, F. Caruana *Sistemi Intelligenti*, 2011), *Cognitive Semiotics* (Intersubjectivity: P. Demuru, R. Fusaroli, A.M. Borghi, 2012), *Frontiers in Psychology* (Embodied and grounded cognition: A.M. Borghi, D. Pecher, 2011; Embodied cognition over the lifespan: A.Setti, A.M. Borghi, current), *Frontiers in Human Neuroscience* (Affordances and limb apraxia: A. Pellicano, F. Binkofski, A.M. Borghi, 2015), *Topics in Cognitive Science* (Action-language integration: A. Cangelosi, A.M. Borghi, 2014).

Coordination, organizational and supervisor activity

She was twice local coordinator of PRIN; in addition, she has coordinated the European project ROSSI, Emergence of Communication in RObots through Sensorimotor and Social Interaction (FP7, call Cognitive Systems).

Since 2005 she has supervised 5 post-docs and 5 graduate students, has organized many symposia in international conferences and has co-organized two international summer schools.

Research

Her research interests, moving from an embodied and grounded cognition perspective, concern the relationships between categorization, language and action. She works on objects affordances,

on affordances and sense of body, on language and affordances, on abstract concepts including numbers. She conducts mostly behavioral research (response times recording, kinematics); in collaboration with other researchers she has occasionally performed TMS and fMRI studies and has carried out computational studies with neural networks simulations.

Her work has resulted in more than 150 publications, including books, book chapters, conference proceedings and articles (91 of which in refereed international journals).

EXTENDED VERSION

PERSONAL INFORMATION

Family name, First name: Borghi Anna Maria, Researcher unique identifier(s) (orcid.org/0000-0001-9455-8408; SCOPUS ID: 7101872511.

<http://scholar.google.com/citations?user=yIEWFyYAAAAJ&hl=en>

Nationality: Italian, URL for web site: <http://laral.istc.cnr.it/borghi/>

Address: Department of Dynamical and Clinical Psychology – Via dei Marsi 78 - 00185- Rome - Italy

Email: anna.borghi@uniroma1.it

Secondary appointment: (associate researcher)

ISTC, Institute of Science and Technology of Cognition, CNR, Rome

Via San Martino della Battaglia, 44, 00185 - Rome, Italy - Phone +39-06-44595279

Email: anna.borghi@istc.cnr.it

Home address: Via di Commodilla 7, 00145 Roma - mobile: ++39-340-4830447

EDUCATION

1993-1996 PhD in Experimental Psychology, Department of Psychology, University of Bologna, Italy

1988-1990 PHD courses in Germanistics, History and Philosophy, University of Freiburg, Germany

1983-1987 Master in Philosophy, Marks: 110/110, summa cum laude, University of Bologna, Italy

CURRENT POSITIONS

2013, 2014– National Scientific Qualification (idoneita') as Full Professor; 5/5 referees agreed to qualification.

2005 – current Associate Professor in Psychology, Department of Psychology, University of Bologna, Italy

2001 – current Associate Researcher, Institute of Cognitive Sciences and Technologies, CNR, Rome, Italy

PREVIOUS POSITIONS

1999 – 2005 Assistant professor (ricercatore), Department of Psychology, University of Bologna, Italy

2002 Visiting Scholar University of Wisconsin, Madison, US (referent: prof. A. Glenberg)

1999, 2001 Visiting Post-Doc Emory University, Atlanta, USA (referent: prof. L. Barsalou)

1998 Visiting Scholar UNED University, Madrid, Spain (referent: prof. H. Peraita)

1994, 1995 Visiting PhD student University of Chicago, USA (referent: prof. L. Barsalou)

FELLOWSHIPS AND AWARDS

1992-1996 PhD grant; 1998-99: post-doc grant
 1999 Short term mobility CNR grant. Spent in Emory University, USA (L. Barsalou)
 2002 Marco Polo grant, University of Bologna – spent in Wisconsin University (A.Glenberg)

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2007 – 2015 Department of Psychology, University of Bologna, Italy: 5 Post-docs, 5 PhD students; an average of 20 theses a year.

People who were in our lab (EMCOLAB) have now post-doc or researcher positions in a variety of European labs: Filomena Anelli, post-doc, University of Bologna (prof. F. Frassinetti); Daniele Caligiore (ISTC-CNR, Rome, researcher); Pierre Jacquet, post-doc (University Paris Descartes); Andrea Flumini, post-doc, University of Granada (prof. J.Santiago); Claudia Gianelli, researcher, University of Potsdam (prof. M.Fischer); Antonello Pellicano, post-doc, Aachen University (prof. F. Binkofski); Mariagrazia Ranzini, post-doc, University of Leuven; Claudia Scorolli, Post-doc, Univ. of Bologna (prof. Chattat).

TEACHING ACTIVITIES

1997-1999 – Teacher – Seminars for PhD students on Concepts, University of Bologna, Italy
 Courses as assistant professor (1999-2004) or associate professor (2005-current) (except maternity leave):

1999-2008 Psychol. of Learning and Memory, School High School Teachers, University of Bologna, Italy

2002-2016-17t Cognitive Psychology, University of Bologna, Italy

2003-2009 General Psychology, University of Bologna, Italy

2009-2016-17: Psychology of intercultural communication, University of Bologna, Italy

2001-2006; 2008-2016 Laboratory of Cognitive Processes, University of Bologna, Italy

2014-2016-17: – Psychology of memory, University of Bologna, Italy

Courses taught as External professor:

2008-2010 – General Psychology, Faculty of Medicine, University of Trieste, Italy

2009-2010 – Embodied and Grounded Cognition (in English), Warsaw Univ., Poland –with J. Rączaszek

2009-2010 – Embodied mind and language (in English), Venice Internat. Univ., Italy, with D. Zaefferer

ORGANISATION OF SCIENTIFIC MEETINGS (selection)

I have tried to promote embodied and grounded cognition in its multidisciplinary aspects, including philosophy, robotics, neuroscience, psychology, both with students (summer schools) and with colleagues:

2005 A.M.Borghi, S.Ghirlanda: Summer School Neural network models of perception, action and embodied knowledge (University of Bologna, July 2005. (among the participants: L. Barsalou, L. Craighero, R. Ellis, M. Enquist, M. Gentilucci, A. Glenberg, R. Goldstone, S. Nolfi, D. Parisi, M. Zorzi)

2006 Lucia Riggio, Anna Borghi: Organization of the symposium: Affordances: tra percezione e azione. Participants: Leonardo Fogassi, Lucia Riggio, Fabio Ferlazzo e Anna Borghi. AIP, sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.

2008 A. Serino, A. Tessari, A.M. Borghi, M. Tsakiris: Summer School The sense of body, Bologna, June 2008. Funded by the European Science Foundation (among the participants: S.M. Aglioti, P. Brugger, B. Coslett, E. Daprati, F. De Vignemont, V. Gallese, A. Iriki, M. Jeannerod, P. Haggard, E. Ladavas, D. Le grande, E. Macaluso, A. Maravita, F. Pavani, P. Rochat, A. Sirigu, M. Tsakiris).

2010 M.Fischer, A.M. Borghi. Symposium: Embodied Robotics: from Affordances to Action. Participants: G. Buccino, A. Cangelosi, R. Ellis, J. Goslin. 1st Joint Conf. EPS & SEPEX, Granada, Spain.

2012 A.M. Borghi. Symposium Objects and action in the individual and social space: Affordances and embodied cognition. Participants: C. Sinigaglia, F. Binkofski, A.M. Borghi, O. Lindemann, Paulus, J. Stefanucci, S. Creem-Regehr. 5th Internat Conf. Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, Italy.

2015 A.M. Borghi, L. Tummolini (2015). Symposium Object, action and space. Participants: Anna Borghi, Angelo Cangelosi, Harmen Gudde and Ken Coventry, Holger Diessel, Pia Knoeferle, Luca Tummolini, Virginia Volterra. 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition. Rome, 7-11 September 2015.

Selected conference scientific committee to which I participated:

- March 2005. Scientific committee. II WORKSHOP ITALIANO DI VITA ARTIFICIALE. ROMA, ISTC-CNR. 3-5 MARZO 2005
- April 2006.
- Program Committee - iccm2006 The 7th International Conference on Cognitive Modeling – Trieste, Italy, 5-8 April 2006.
- September 2006. Scientific Committee. III WORKSHOP ITALIANO DI VITA ARTIFICIALE. Wiva3 - Siena, 12-15 settembre 2006.
- September 2006. Program Committee – From animals to animats 9. The Ninth International Conference on the Simulation of Adaptive Behavior (SAB '06, sab06), 25-29 September 2006, CNR, Rome, Italy
- November 2007. IV Convegno nazionale di Science cognitive. Rome, Italy.
- November 2008, November 2009. AISC (Italian Cognitive Science Society) conference, Turin, Neaples.
- Summer 2012. Program Committee – Embodied and Situated Language Processing ESLP 2012, Newcastle Upon Tyne, UK.
- InPACT (International Psychological Applications Conference and Trends) 2012.
- September 2012. Scientific Committee. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.
- IEEE committee ì: AMDTC Autonomous Mental Development Technical Committee. Task force on Language and Cognition.
- September 2015. Scientific Committee. 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition. Rome, 7-11 September 2015.

- 2011; 2015. Cognitive Science Society (COGSCI).

INSTITUTIONAL RESPONSIBILITIES (selection)

Since 2016: Faculty member, Sapienza University of Rome

1999-2016– Faculty member, University of Bologna, Italy;

Since 2016: Member of the PhD Psychology and Social Neuroscience, Sapienza University of Rome

2010 – 2015 Member of the PhD Philosophy, science, cognition, and semiotics, University of Bologna

2009-2010 – Governing board of the Department of Psychology, University of Bologna

2008-2011 – Coordinator of the **FP7 Project ROSSI: Emergence of communication in RObots through**

Sensorimotor and Social Interaction: a multidisciplinary project on concept and language grounding

COMMISSIONS OF TRUST (selection)

I have reviewed for many international funding agencies: NSF (National Science Foundation); NWO, Nederlandse Organisatie voor Wetenschappelijk Onderzoek; Natural Sciences and Engineering Research Council of Canada; NIH (National Institute of Health), USA; Engineering and Physical Sciences Research Council, UK; Agence National de la Recherche, France.

EDITORIAL ACTIVITY

- **Associate editor: Frontiers in Cognition** since 2010, **PeerJ** since 2014, **Psychological Research** since 2013.
- **Board:** Sistemi Intelligenti, RIFL; Teorie e Modelli.
- **Board of Reviewers:** Cognitive Science, Frontiers in Theoretical and Philosophical Psychology.
- **Editor of special issues:**
 - 1) 2010, **Neuropsychologia: The sense of body: A multidisciplinary approach to body representation.** A.Tessari, A.Serino, M. Tsakiris, **A.M. Borghi**;
 - 2) **Sistemi Intelligenti (2011).** A.M. Borghi, F. Caruana: *Social cognition.*
 - 3) **Cognitive Semiotics (2012).** *Embodiment and intersubjectivity.* P. Demuru, R. Fusaroli, **A.M. Borghi.**
 - 4) **Frontiers in Cognition (2011).** **A.M. Borghi**, D. Pecher: *Embodied and Grounded Cognition.*
 - 5) **Topics in Cognitive Science (2014).** A. Cangelosi, **A.M. Borghi:** *Action language integration: from humans to cognitive robots.*
 - 6) **Frontiers in Human Neuroscience (2016).** Antonello Pellicano, Ferdinand Binkofski, Anna Borghi, special issue Bridging the theories of affordances and limb apraxia
 - 7) **Frontiers in Cognition (in preparation).** Annalisa Setti, Anna Borghi: *Embodied Cognition over the Lifespan.*

- 8) **Frontiers in Cognition** (in preparation). Zheng Jin, Maurizio Tirassa, Anna Borghi: *Beyond Embodied Cognition: Intentionality, Affordance, and Environmental Adaptation*.
- **Reviewing activity:** (see recent reviews, more than 150, on <https://publons.com/search/?q=borghi+anna+maria>): Occasional reviewer for:
 - Acta Psychologica; Advances in Human-Computer interaction; Avant; Behavioral and Brain Research; Biolinguistics; Brain and Cognition; Brain and Language; British Journal of Experimental Psychology; Cerebral Cortex; Cognition; Cognitive Linguistics; Cognitive Science (Board of reviewers); Cognitive Systems Research; Experimental Brain Research; Experimental Psychology; European Journal of Cognitive Psychology; European Journal of Neuroscience; European Journal of Social Psychology; Frontiers in neurorobotics; Frontiers in Cognition; Frontiers in Cognitive Science; Frontiers in Human Neuroscience; Frontiers in Behavioral Neuroscience; Giornale Italiano di Psicologia; Human Brain Mapping; International Journal of Behavioral Development; Journal of Cognitive Neuroscience; Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory & Cognition; Journal of Experimental Social Psychology; Journal of Memory and Language; Journal of Mental Imagery; Journal of Neurolinguistics; Learning and Instruction; Neuroimage; Neuropsychologia; New Ideas in Psychology; Perception Science; PLoS ONE; Proceedings of the Royal Society B: biological sciences; Proceedings of the Cognitive Science Society (reviewer and meta-reviewer); Proceedings of the European COGSCI; Proceedings of EPIROB2013 (meta-reviewer); Psychological Research; Psychonomic Bulletin & Review; Quarterly Journal of Experimental Psychology; Robotics and autonomous systems; Topics in Cognitive Science; Topoi.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2008-current – Member, Cognitive Science Society;
 2008-2014 ESCOP – Europ. Society of Cognitive Psychology
 2005-current Associazione Italiana di Psicologia AIP; Associazione Italiana di Scienza Cognitiva (AISC) – founding member; 2008-2011 AISC governing board
 2012-current IEEE AMDTC (Autonomous Mental Development Technical Committee)

MAJOR COLLABORATIONS

I will list below only people with whom I have common publications, who do not belong to my institutions and who were not students/post-docs in my lab: *L. Barsalou*, Glasgow University., UK: categorization; *F. Binkofski*, Aachen Univ. Germany: affordances, abstract concepts; *G. Buccino*, Univ. of Catanzaro, Italy: language and sensorimotor system; *L. Buxbaum*, Moss Rehabilitation Research Institute, Philadelphia, USA: affordances; *C. Cacciari*, Univ. of Modena and Reggio Emilia, Italy: language comprehension; *A. Cangelosi*, Plymouth Univ., UK language and action –; *F. Chersi*, University College London, UK.: language and modelling; *M. Costantini*, Univ. of Chieti, Italy: affordances, language and simulation; *L. Colzato* Univ of Leiden, Holland: influence of religion on cognitive processes; *V. Gallese*, Univ. of Parma, Italy: embodiment and emotions; *A. Glenberg*, Arizona State Univ., USA: language grounding in the sensorimotor system; *B. Hommel*, Univ of Leiden, Holland: influence of religion on cognitive processes; *T.*

Iachini, Univ. of Naples 2, Italy: categorization, space; *C. Iani, S. Rubichi*, Univ. of Modena and Reggio Emilia, Italy: compatibility effects -; *S. Kalenine*: University of Lille, France: categorization and action; *M. Kaschak*, Florida State University, USA: language grounding in the sensorimotor system, *D. Pecher*, Erasmus Univ., The Netherlands: grounded cognition - *P. Ricciardelli*, University of Milan Bicocca, Italy: motor resonance - *L. Riggio*, Univ. of Parma, Italy: language and affordances - *E. Sahin, S. Kalkan*: Middle East technical Univ., Turkey: affordances, language grounding and robotics - ; *A. Setti*, Cork Univ., Ireland: language grounding, motor resonance - *L. Wheaton*, Georgia Tech, USA: affordances; *T. Ziemke, S. Thill*: University of Skövde, Sweden: affordances and language modelling –

RESEARCH INTERESTS

The theoretical perspective underlying my work is the idea that cognition is embodied and grounded in perception, action, emotional systems. Starting from this perspective, my interests focus on the interaction between objects, action, and language. A first research line concerns **grounding of object concepts in the sensorimotor system**. I performed studies on **affordances** (“invitations” to act offered by objects, particularly tools) and on the **mechanisms of motor resonance** activated while observing others (conspecifics, robots) interacting with objects. In the last years I have worked extensively in how **abstract concepts**, that do not refer to tangible objects, are acquired and represented. A further research line concerns language. I conducted studies demonstrating that **language comprehension involves the motor system** (e.g., specific effectors, goals) and showing how words, similarly to tools, can modify bodily perception and body schema. Work on concepts and language motivates the interest for the **influence of emotional, social and cultural factors on cognition**. I realized studies investigating how emotions activate the motor system, how objects affordances change in social contexts and how religion modulates attentional control. I work using behavioral and kinematics experiments and occasionally techniques as TMS and fMRI. I am also interested in neural networks, computational models and robotics, as some of my publications testify.

KEYWORDS

Keywords: embodied cognition – grounded cognition – affordances – motor system – action - social cognition – language and action – categorization – abstract concepts

FUNDING INFORMATION [grants as PI-principal investigator or I-investigator]

Year	Title, function [PI or I]	Funding Agency/Program	Grant value
2008-2011	PI – Local unit coordinator PRIN 2008-10	Ministero dell'Istruzione dell'Università e della Ricerca	21.511 EUR
2006-2008	PI – Local unit coordinator PRIN 2006-2008	Ministero dell'Istruzione dell'Università e della Ricerca	20.000 EUR
2008-2012	PI – International coordinator of the European FP7 Project ROSSI (Emergence of Communication in Robots Through Sensorimotor and Social Interaction)	European Community	2.800.000 EUR, of which UNIBO: 579.898 EUR.

2003-2015	PI – RFO (ex 60%) (A category)	University of Bologna	around 2-3000 euros pro year
2005	PI – funds for Summer School organization	University of Bologna	3500 EUR
2005	PI – funds for Summer School organization	Associazione Italiana di Scienze Cognitive (AISC)	500 EUR
2005	PI – funds for Summer School organization	Associazione Italiana di Psicologia (AIP)	500 EUR
2008	I – Funds for project The sense of body. Science, Art, Dance and Ethics	Istituto di Studi Avanzati (ISA), Bologna	10.000 EUR
2008	I – Funds for Summer School Organization (“The sense of body”)	University of Bologna	2850 EUR
2008	I – Funds for Summer School Organization (“The sense of body”)	European Science Foundation	890 EUR

CAREER BREAKS

May 2012-April 2013 Risk maternity and then maternity leave (2 babies).

PUBLICATIONS – (only indexed publications or publications appeared on editorial lines with ISBN-ISSN)

1) Scientific books

1. Borghi, A.M. (1986). *L'organizzazione della conoscenza. Aspetti e problemi.* Bologna: Pitagora. ISBN, 8837108923, 9788837108922. Length, 148 pages.

2. Borghi, A.M., Iachini, T. (Eds.) (2002). *Scienze della mente.* Bologna: Il Mulino. (2nd edition, 2004). 978-88-15-08430-9.

Borghi, A.M., Iachini, T. (2002). Introduzione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente.* Bologna: Il Mulino, pp. 7-26.

Chapters: **Borghi, A.M. (2002).** Concetti e azione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente.* Bologna: Il Mulino, pp. 203-222.

Press release: Recensioni (in Italiano):

- Il Sole XXIV Ore, February, 17, 2002, n. 46, p. 39. Michele Di Francesco, “Cognizioni della mente”,

- Le Scienze, Sandro Modeo.
- Galileo, Matteo Bartocci.
- portale di AI – Ignazio Licata.Rivista
- Teorie e Modelli: Recensione di Cristiano Castelfranchi and reply of the two editors.

3. Nicoletti, R., **Borghi, A.M.** (2007). *Il controllo motorio*. Bologna: Il Mulino. 978-88-15-11886-8.

4. Liuzza, MT., Cimatti, F., **Borghi, A.M.** (2010). *Lingue, corpo e pensiero: Le ricerche contemporanee*. Roma: Carocci. ISBN:9788843054398.

5. **Borghi, A.M.**, Pecher, D. (2011) (Eds.). *Embodied and Grounded Cognition*. Frontiers Research topic. ISSN 1664-8714, ISBN 978-2-88919-013-3, DOI 10.3389/978-2-88919-013-3. E-book.

6. **Borghi, A.M.**, Binkofski, F. (2014). *Words as social tools: an embodied view on abstract concepts*. New York/ Berlin: Springer.

7. Caruana, F., **Borghi, A.M.** (2016). *Il cervello in azione*. Bologna: Il mulino.

Press release: Recensioni (in Italiano):

- Brain factor
- Mente e cervello

2) Papers in peer reviewed international journals – in English = 91

91. **Borghi, A.M.**, Binkofski, F., Castelfranchi, C., Cimatti, F., Scorolli, C., Tummolini, L. (2017, in press). The challenge of abstract words. *Psychological Bulletin*.
<http://dx.doi.org/10.1037/bul0000089>

90. Gianelli, C., Marzocchi M., **Borghi A.M.** (2017) Grasping the Agent's Perspective: A Kinematics Investigation of Linguistic Perspective in Italian and German. *Front. Psychol.* 8:42. doi: 10.3389/fpsyg.2017.00042

89. **Borghi, A.M.**, Zarcone, E. (2016).Grounding abstractness: Abstract concepts and the activation of the mouth. *Front. Psychol.* 7:1498. doi: 10.3389/fpsyg.2016.01498.

88. Lugli, L., Obertis, A., **Borghi, A.M.** (2016).Hitting is male, giving is female: Automatic imitation and complementarity during action observation. *Psychological Research*. DOI: [10.1007/s00426-016-0808-8](https://doi.org/10.1007/s00426-016-0808-8)

87. Scerrati, E., Lugli, L., **Borghi, A.M.**, Nicoletti, R. (in press). The multifold Modality-Switch Effect: What Happens When We See the Bees Buzzing After Hearing the Diamonds Glistening *Psychonomic Bulletin & Review*, DOI 10.3758/s13423-016-1150-2..

86. Sakreida, K., Effner, I., Thill, S., Menz, M.M., Jirak, D., Eickhoff, C.R., Ziemke, T., Eickhoff, S.B., **Borghi, A.M.**, Binkofski, F. (2016). Affordance processing in segregated parieto-frontal dorsal stream sub-pathways. *Neuroscience & Biobehavioral Reviews*, 69, 89-112.
85. Jacquet P.O., Roy A.C., Chambon V., **Borghi, A.M.**, Salemme R., Farnè A., & Reilly K.T. (2016). Changing ideas about others' intentions: updating prior expectations tunes activity in the human motor system. *Scientific Reports*, 6:26995. DOI: 10.1038/srep26995.
84. **Borghi, A.M.** (2016). Commentary: "Weighty data: importance information influences estimated weight of digital information storage devices". *Front. Psychol.* 7:709. doi: 10.3389/fpsyg.2016.00709 83.
83. Scorolli, C., Daprati, E., Nico, D., **Borghi, A.M.** (2016). Reaching for objects or asking for them: Distance estimation in 7 to 15 years-old children. *Journal of Motor Behavior*, 48(2):183-91. doi: 10.1080/00222895.2015.1070787.
82. Natraj, N., Pella, I.M., **Borghi, A.M.**, Wheaton, L.A. (2015). The visual encoding of tool-object affordances. *Neuroscience (Section: Cognitive, Behavioral and Systems Neuroscience)*. pii: S0306-4522(15)00887-8. doi: 10.1016/j.neuroscience.2015.09.060.
81. Scorolli, C., & **Borghi, A.M.** (2015). Square bananas, blue horses: The relative weight of shape and color in concept recognition and representation. *Frontiers in Psychology*, 6:1542. doi:10.3389/fpsyg.2015.01542
80. Scerrati E, Baroni G, **Borghi A.M.**, Galatolo R, Lugli L and Nicoletti R (2015). The modality-switch effect: Visually and aurally presented prime sentences activate our senses. *Front. Psychol.* 6:1668. doi: 10.3389/fpsyg.2015.01668
79. Marino, B., **Borghi, A.M.**, Gemmi, L., Cacciari, C., Riggio, L. (2015). Neural Adaptation Effects in Conceptual Processing. *Behavioral Sciences*, 5 (3), 353-371. doi:10.3390/bs50x000x.
78. **Borghi, A.M.**, Riggio, L. (2015). Stable and variable affordances are both automatic and flexible. *Frontiers in Human Neuroscience*, 9:351. doi: 10.3389/fnhum.2015.00351.
77. Flumini, A., Barca, L., **Borghi, A.M.**, & Pezzulo, G. (2015). How do you hold your mouse? Tracking the compatibility effect between hand posture and stimulus size, 79(6):928-38.. *Psychological research*, 1-11. doi: 10.1007/s00426-014-0622-0.
76. Granito, C., Scorolli, C., **Borghi, A.M.** (2015). Naming a Lego world. The role of language in the acquisition of abstract concepts. *Plos One* 10(1): e0114615. doi:10.1371/journal.pone.0114615.
75. Anelli, F., Lugli, L., Baroni, G., **Borghi, A.M.**, Nicoletti, R. (2014). Walking boosts your performance in making additions and subtractions. *Frontiers in Psychology* 5:1459. doi:10.3389/fpsyg.2014.01459.
74. **Borghi A.M.**, Capirci O., Gianfreda G., Volterra V. (2014) The body and the fading away of abstract concepts and words: a sign language analysis. *Front. Psychol.* 5:811. doi: 10.3389/fpsyg.2014.0081172.

73. Flumini, A., Ranzini, M., **Borghi, A.M.** (2014). < i> Nomina sunt consequentia rerum</i>– Sound–shape correspondences with every-day objects figures. *Journal of Memory and Language*, 76, 47-60.
72. **Borghi, A.M.**, Cangelosi, A. (2014). Action language integration: from humans to cognitive robots. *Topics in Cognitive Science*;6(3), 344-58. doi: 10.1111/tops.12103.
71. **Borghi, A.M.** (2014). Affordances and contextual flexibility. *Physics of Life Reviews*, 11(2):267-8. doi: 10.1016/j.plrev.2014.01.009. Commentary to van Elk, van Schie and Bekkering, Action Semantics: A unifying conceptual framework for the selective use of multimodal and modality-specific object knowledge.
70. Scorolli, C., Miatton, M., Wheaton, L., **Borghi, A.M.** (2014). I give you a cup, I get a cup: A kinematics study on social intention. *Neuropsychologia*, 57, 196-204. doi: 10.1016/j.neuropsychologia.2014.03.006
69. Morlino, G., Gianelli, C., **Borghi, A.M.**, Nolfi, S. (2014). Learning to manipulate and categorize in human and artificial agents. *Cognitive Science*. DOI: 10.1111/cogs.12130.
68. Kalénine, S., Shapiro, A. D., Flumini, A., **Borghi, A.M.**, & Buxbaum, L. J. (2014). Visual context modulates potentiation of grasp types during semantic object categorization. *Psychonomic bulletin & review*, 21(3), 645-651. Doi: 10.3758/s13423-013-0536-7
67. Kalkan, S., Dag, N., Yuruten, O., **Borghi, A.M.**, Sahin, E. (in press). Verb concepts from affordances. *Interaction Studies*.
66. Gianelli, C., Lugli, L., Baroni, G., Nicoletti, R., & **Borghi, A.M.** (2013). The impact of social context and language comprehension on behaviour: A kinematic investigation. *PLoS ONE*, Volume 8(12): e85151. doi: 10.1371/journal.pone.0085151.
65. Anelli, F., Nicoletti, R., Bolzani, R., **Borghi, A.M.** (2013). Keep away from danger: Dangerous objects in dynamic and static situations. *Frontiers in Human Neuroscience*, 7, 344.. doi: 10.3389/fnhum.2013.00344.
64. Anelli, F., Ranzini, M., Nicoletti, R., **Borghi, A.M.** (2013). Perceiving object dangerousness: An escape from pain? *Experimental Brain Research*, 228, 457-466. Scopus: 2-s2.0-84878457953. DOI: 10.1007/s00221-013-3577-2.
63. Roversi, C., **Borghi, A.M.**, Tummolini, L. (2013). A Marriage is an Artefact and not a Walk that We Take Together: An Experimental Study on the Categorization of Artefacts. *Review of Philosophy and Psychology*, 4, 3, 527-542.
62. Lugli, L., Baroni, G., Anelli, F., **Borghi, A.M.**, & Nicoletti, R. (2013). Counting is Easier while Experiencing a Congruent Motion. *Plos One*, 8, 5, Article number 64500. DOI: 10.1371/journal.pone.0064500. Scopus: 2-s2.0-84877763854.
61. **Borghi, A.M.**, Scorolli, C., Caligiore, D., Baldassarre, G. & Tummolini, L. (2013). The embodied mind extended: Words as social tools. *Frontiers in Psychology* 4:214. doi: 10.3389/fpsyg.2013.00214. Scopus: 2-s2.0-84878946715.

60. Sakreida, K., Scorolli, C., Menz, M.M., Heim, S., **Borghi, A.M.**, & Binkofski, F. (2013) Are abstract action words embodied? An fMRI investigation at the interface between language and motor cognition, *Frontiers in Human Neuroscience*, **7**:125. doi: 10.3389/fnhum.2013.00125. Scopus: **2-s2.0-84875524499**. ISI WOS:000317333500001
59. Thill, S., Caligiore, D., **Borghi, A.M.**, Ziemke, T., Baldassarre (2013). Theories and Computational Models of Affordance and Mirror Systems: An Integrative Review. *Neuroscience and Biobehavioral Reviews*, **37**(3), 491-521. doi: 10.1016/j.neubiorev.2013.01.012.. **DOI**: 10.1016/j.neubiorev.2013.01.012. Scopus: 2-s2.0-84874511220. ISI WOS:000317548100020
58. Paglieri F., **Borghi, A.M.**, Colzato L.S., Hommel B., Scorolli C. (2013). Heaven can wait: How religion modulates temporal discounting. *Psychological Research*, **77**, *6*, 738-747. Scopus: **2-s2.0-84872465631**. **Doi**: 10.1007/s00426-012-0473-5
57. Natraj, N., Poole, V., Mizelle, J.C., Flumini, A., **Borghi, A.M.**, Wheaton, L. (2013). Context and Hand Posture Modulate the Neural Dynamics of Tool-Object Perception. *Neuropsychologia*, **51**, 506-519. **DOI**: 10.1016/j.neuropsychologia.2012.12.003. Scopus: 2-s2.0-84872225733. ISI: WOS:000316158000016. Pubmed: 2326193
56. Gianelli, C., Scorolli, C., **Borghi, A.M.** (2013). Acting in perspective: The role of body and of language as social tools. *Psychological Research*, **77**, *1*, 40-52. **Scopus: 2-s2.0-84871934607**. **DOI**: 10.1007/s00426-011-0401-0. ISI WOS:000313053700005. Pubmed. 22160607
55. Caligiore, D., **Borghi, A.M.**, Parisi, D., Ellis, R., Cangelosi, A., Baldassarre, G. (2013). How affordances associated with a distractor object affect compatibility effects: A study with the computational model TRoPICALS. *Psychological Research*, **77**, *1*, 7-19. DOI: 10.1007/s00426-012-0424-1. **Impact Factor 2011: 2.472**. Scopus: 2-s2.0-84871934290. ISI WOS:000313053700002. Pubmed 22327121
54. Tummolini, L. Scorolli, C., **Borghi, A.M.** (2013). Disentangling the sense of ownership from the sense of fairness. Commentary on Baumard, André and Sperber, *Behavioral and Brain Sciences*, **36**, pp 101-102. doi:10.1017/S0140525X1200088X. Scopus: **2-s2.0-84876887412**.
53. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., **Borghi, A.M.** (2012). Abstract and concrete phrases processing differently modulates cortico-spinal excitability. *Brain Research*, **1488**, 60-71. doi: 10.1016/j.brainres.2012.10.004.
52. Anelli, F., **Borghi, A.M.**, Nicoletti, R.(2012). Grasping the pain: Motor resonance with dangerous affordances. *Consciousness & Cognition*, **21**, 1627-1639. Doi: 10.1016/j.concog.2012.09.001.
51. Ambrosini, E., Scorolli, C., **Borghi, A.M.**, Costantini, M. (2012). Which body for embodied cognition? Affordance and language within actual and perceived reaching space. *Consciousness and cognition*, **21**, 1551–1557.
50. Fusaroli, R., Demuru, P., Borghi, A.M. (2012). Introduction to the special issue. The intersubjectivity of embodiment. *Cognitive semiotics*, **4**, *1*, 1-5. **ISBN**: 978-87-995235-0-4.

49. Gianelli, C., Ranzini, M., Marzocchi M., Rettore Micheli L., **Borghi, A.M.** (2012). Influence of numerical magnitudes on the free choice of an object position. *Cognitive Processing*, 13, 185-188. DOI 10.1007/s10339-012-0483-7.
48. Jacquet, P., Jambon, V., **Borghi, A.M.**, Tessari, A. (2012). Object Affordances Tune Observers' Prior Expectations About Tool-Use Behaviors. *PLoS ONE* 7(6): e39629. doi:10.1371/journal.pone.0039629.
47. **Borghi, A.M.**, Flumini, A., Natraj, N., Wheaton, L.A. (2012). One hand, two objects: Emergence of affordance in contexts. *Brain and Cognition*, 80, (1), 64-73. Doi: 10.1016/j.bandc.2012.04.007
46. Lugi, L., Baroni, G., Gianelli, C., **Borghi, A.M.**, Nicoletti, R. (2012). Self, others, objects: How this triadic interaction modulates our behavior. *Memory and Cognition*, 40, 1373-1386. DOI 10.3758/s13421-012-0218-0.
45. Liuzza, M.T., Setti, A., **Borghi, A.M.** (2012). Kids observing other kids' hands: visuomotor priming in children. *Consciousness & Cognition*, 21, 383-392. **Impact Factor 2011: 2.308.** Database: SCOPUS, PUBMED, Google Scholar.
43. Jacquet, P., Binkofski, F., Tessari, A., **Borghi, A.M.** (2012). Can object affordances impact on human social learning of tool use? *Behavioral and Brain Sciences*, 35, 227-228. Commentary to the target article The cognitive bases of human tool use by K. Vaesen. Database: Google Scholar. **Impact Factor 2011: 9.396.**
42. **Borghi, A.M.** (2011). Simulating the elimination of simulation: The case of language comprehension. Commentary to T. Iachini, Mental imagery and embodied cognition. *Journal of Mental Imagery*, 3-4, 27-33. Database: Google Scholar.
41. Ranzini, M., Lugi, L., Anelli, M., Carbone, R., Nicoletti, R., **Borghi, A.M.** (2011). Graspable objects shape number processing. *Frontiers in Human Neuroscience*, 5, art.147, doi: 10.3389/fnhum.2011.00147. **Impact Factor 2011: 2.339.** Database: SCOPUS, PUBMED, Google Scholar.
40. Scorolli, C., Binkofski, F., Buccino, G., Nicoletti, R., Riggio, L., **Borghi, A.M.** (2011). Abstract and concrete sentences, embodiment, and languages. *Frontiers in Psychology*, 2, 227. doi: 10.3389/fpsyg.2011.00227. Database: PUBMED, Google Scholar.
39. **Borghi, A.M.**, Pecher, D. (2011). Introduction to the special topic Embodied and Grounded Cognition. *Frontiers in Psychology*, 2, 187. doi: 10.3389/fpsyg.2011.00187. Database: PUBMED, Google Scholar.
38. Hommel, B., Colzato, L., Scorolli, C., **Borghi, A.M.**, van den Wildenberg, L.P.M. (2011). Action control and religion: Faith-specific modulation of the Simon effect but not stop-signal performance. *Cognition*, 120, 177-185. **Impact Factor 2011: 3.162.** Database: SCOPUS, Psychinfo, PUBMED, Google Scholar.

- 37. Borghi, A.M.**, Flumini, A., Cimatti, F., Marocco, D. & Scorolli, C. (2011). Manipulating objects and telling words: A study on concrete and abstract words acquisition. *Frontiers in Psychology* 2:15. doi: 10.3389/fpsyg.2011.00015. Database: PUBMED, Google Scholar.
- 36. Borghi, A.M.**, Di Ferdinando, A., & Parisi, D. (2011). Objects, spatial compatibility, and affordances: A connectionist study. *Cognitive Systems Research*, 12, 33-44.35. **Impact Factor 2011: 1.173**. Database: SCOPUS, Psychinfo, ISI Web of Science, Google Scholar.
- 35.** Costantini, M., Ambrosini, E., Scorolli, C., **Borghi, A.M.** (2011). When objects are close to me: Affordances in the peripersonal space. *Psychonomic Bulletin & Review*, 18, 302-308. 2010. doi: 10.3758/s13423-011-0054-4.
- 34.** Ranzini, M., **Borghi, A.M.**, Nicoletti, R. (2011). With hands I do not centre! Action- and object-related effects of hand-cueing in the line bisection. *Neuropsychologia*, 49, 2918-2928. doi: 10.1016/j.neuropsychologia.2011.06.019
- 33. Borghi, A.M.**, Cimatti, F.(2010). Embodied cognition and beyond: Acting and sensing the body. *Neuropsychologia*, 48, 763-773. doi: 10.1016/j.neuropsychologia.2009.10.029
- 32.** Pezzulo, G., Barca, L., Lamberti Bocconi, A., **Borghi, A.M.** (2010). When affordances climb into your mind: Advantages of Motor Simulation in a Memory Task Performed by Novice and Expert Rock Climbers. *Brain and Cognition*, 73, 68-73. **Impact Factor 2011: 3.174**. Database: SCOPUS, PUBMED, PsychInfo, ISI Web of Science, Google Scholar.
- 31.** Colzato, L., van Beest, I., van den Wildenberg, W.P.M., Scorolli, C., Dorchin, S., Meiran, N., **Borghi, A.M.**, Hommel, B. (2010). God, do I have your attention? *Cognition*, 117, 87-94. 32. doi: 10.1016/j.cognition.2010.07.003

Press release:

- **La Repubblica**, December 15, 2010: “Siete attenti al dettaglio? Dipende dal vostro credo religioso”.
- **Corriere di Bologna**, December 16, 2010: “Di che religione sei? Il credo influenza la percezione delle immagini. Lo dimostra uno studio dell’ateneo di Bologna.”
- **Il Resto del Carlino Bologna**, December 16, 2010.
- **Il giornale**, December 15, 2010: “Atei e credenti vedono il mondo in modo diverso”, [http://www.ilgiornale.it/cultura/la ricerca atei e credenti vedono immagini modo diverso/cronaca-attualit-psicologia-atei-credenti-percezione visiva-immagini/15-12-2010/articolo-id=493922-page=0-comments=1](http://www.ilgiornale.it/cultura/la_ricerca_atei_e_credenti_vedono_immagini_modo_diverso/cronaca-attualit-psicologia-atei-credenti-percezione_visiva-immagini/15-12-2010/articolo-id=493922-page=0-comments=1)
- **Liberazione**, 15/12/2010. Scienza: atei e credenti vedono le immagini in modo diverso (<http://www.liberazione.it/news-file/Scienza--atei-e-credenti-vedono-le-immagini-in-modo-diverso---LIBERAZIONE-IT.htm>).
- **Interview to Anna Borghi on Radio 24.**
- **National Geographic Italia**, “Dimmi di che religione sei e ti dirò come vedi”, December 15, 2010, [“http://www.nationalgeographic.it/scienza/2010/12/15/foto/religione_differenze_percezione_immagini-151582/4/](http://www.nationalgeographic.it/scienza/2010/12/15/foto/religione_differenze_percezione_immagini-151582/4/)

30. Ferri, F., Stoianov, I. P., Gianelli, C., D'Amico, L., **Borghi, A.M.**, Gallese, V. (2010). When action meets emotions. How facial displays of emotion influence goal-related behavior. *PLoS ONE* 5 (10): e13126. doi: 10.1371/journal.pone.0013126
29. Caligiore, D., **Borghi, A.M.**, Parisi, D., Baldassarre, G. (2010). TRoPICALS: An Embodied Neural-Network Model of Experiments on Compatibility Effects. *Psychological Review*, 117, 1188-228. 2010 doi: 10.1037/a0020887.
28. Jirak, D., Menz, M., Buccino, G., **Borghi, A.M.**, & Binkofski, F. (2010). Grasping language. A short story on embodiment. *Consciousness and Cognition*, 19, 711-720. **Impact Factor 2011: 2.308**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
27. Pellicano, A., Iani, C., **Borghi, A.M.**, Rubichi, S., Nicoletti, R. (2010). Simon-like and functional affordance effects with tools: The effects of object perceptual discrimination and object action state. *Quarterly Journal of Experimental Psychology*, 63, 2190 — 2201. **Impact Factor 2011: 1.964**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
26. Chersi, F., Thill, S., Ziemke, T., **Borghi, A.M.** (2010). Sentence processing: linking language to motor chains. *Frontiers in neurorobotics*, 4:4. doi: 10.3389/fnbot.2010.00004. Database: PUBMED, Google Scholar.
25. **Borghi, A.M.**, Gianelli, C., Scorolli, C. (2010). Sentence comprehension: effectors and goals, self and others. An overview of experiments and implications for robotics. *Frontiers in neurorobotics*, 4:3. doi: 10.3389/fnbot.2010.00003. Database: PUBMED, Google Scholar.
24. Tessari, A., Tsakiris, M., **Borghi, A.M.**, Serino, A. (2010). The sense of body: A multidisciplinary approach to body representation. Introduction to a special number on *Neuropsychologia*, 48, 643-644. **Impact Factor 2011: 3.636**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
23. Anelli, F., Nicoletti, R., **Borghi, A.M.** (2010). Categorization and action. What about object consistence? *Acta Psychologica*, 133, 203-211. **Impact Factor 2011: 2.255**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
22. Pellicano, A., Iani, C., Rubichi, S., Ricciarelli, P., **Borghi, A.M.**, & Nicoletti, R. (2010). Real life motor training modifies spatial performance: The advantage of being drummers. *American Journal of Psychology*, 123, 169-179. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
21. **Borghi, A.M.**, Scorolli, C. (2009). Language comprehension and hand motion simulation. *Human Movement Science*, 28, 12-27. **Impact Factor 2011: 1.775**. Database: SCOPUS, PUBMED, PsychInfo, ISI Web of Science, Google Scholar.
20. Scorolli, C., **Borghi, A.M.**, Glenberg, A.M. (2009). Language-induced motor activity in bimanual object lifting. *Experimental Brain Research*, 193, 43-53. **Impact Factor 2011: 2.395**. Database: SCOPUS, PUBMED, ISI Web of Science, Google Scholar.

19. **Borghi, A.M.**, Riggio, L. (2009). Sentence comprehension and simulation of objects temporary, canonical and stable affordances. *Brain Research*, 1253, 117-128. doi: 10.1016/j.brainres.2008.11.064
18. Setti, A., **Borghi, A.M.**, Tessari, A. (2009). Moving hands, moving entities. *Brain and Cognition*, 70, 253-258.
17. Setti, A., Caramelli, N., **Borghi, A.M.** (2009). Conceptual information about size of objects in nouns. *European Journal of Cognitive Psychology*, 21, 7, 1022-1044. **Impact Factor 2011: 1.090**. Database: Psychinfo, ISI Web of Science, Google Scholar.
16. Kalénine, S., Bonthoux, F., **Borghi, A.M.** (2009). How action and context priming influence categorization: a developmental study. *British Journal of Developmental Psychology*, 27, 717-730. **Impact Factor 2011: 1.571**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
15. Freina, L., Baroni, G., **Borghi, A.M.**, Nicoletti, R. (2009). Emotive Concept-Nouns and Motor Responses: Attraction or Repulsion? *Memory and Cognition*, 37, 493-499. **Impact Factor 2011: 1.922**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
14. Bruzzo, A., **Borghi, A.M.**, Ghirlanda, S. (2008). Hand-object interaction in perspective. *Neuroscience Letters*, 441, 61-5. **Impact Factor 2011: 2.105**. Database: SCOPUS, PUBMED, ISI Web of Science, Google Scholar.
13. Passini, S., Strazzari, F., **Borghi, A.M.** (2008). Icon-function relationship in toolbar icons. *Displays*, 29, 521-525. Impact Factor: 1.210. Database: SCOPUS, Google Scholar.
12. Iachini, T., **Borghi, A.M.**, Senese, P. (2008). Categorization and sensorimotor interaction with objects. *Brain and Cognition*, 67, 31-43. **Impact Factor 2011: 3.174**. Database: SCOPUS, PUBMED, Psychinfo, ISI Web of Science, Google Scholar.
11. **Borghi, A.M.**, Scorolli, C. (2008). Language and embodiment. *Anthropology and Philosophy*, 9 (1-2), pp. 7-23. ISBN 978-88-548-4093-5. Database: Google Scholar.
10. **Borghi, A.M.**, Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S., Nicoletti, R. (2007). Are visual stimuli sufficient to evoke motor information? Studies with hand primes. *Neuroscience Letters*, 411, 17-21. **Impact Factor 2011: 2.105**. Database: SCOPUS, PUBMED, ISI Web of Science, Google Scholar.
9. Scorolli, C., **Borghi, A.M.** (2007). Sentence comprehension and action: Effector specific modulation of the motor system. *Brain research*, 1130, 119-124. **Impact Factor 2011: 2.728**. Database: SCOPUS, PUBMED, ISI Web of Science, Google Scholar.
8. Tessari, A., **Borghi, A.M.** (2007). Body image and body schema: The shared representation of body image and the role of dynamic body schema in perspective and imitation. Commentary to the target-article 'Somatosensory processes subserving perception and action' by Dijkerman & de Haan. *Behavioral and Brain Sciences (BBS)*, 30, 2, 221-222. **Impact Factor 2011: 9.396**. Database: SCOPUS, Psychinfo, ISI Web of Science, Google Scholar.

7. **Borghi, A.M.**, Scorolli, C. (2006). Object concepts and mental images. *Anthropology & Philosophy, A&P*, 7, 1-2, 64-74. ISBN 978-88-548-4093-5. Database: Google Scholar. (E-BOOK <http://www.neotake.com/ebook/object-concepts-and-mental-images/demmdy.html>)

6. Parisi, D., **Borghi, A.M.**, Di Ferdinando, A. & Tsiotas, G. (2005). Meaning and motor actions: Behavioral and Artificial Life evidence. Commentary to the target article 'From monkey-like action recognition to human language: An evolutionary framework for neurolinguistics' by Michael A. Arbib. *Behavioral and Brain Sciences (BBS)*, 28,139-140. **Impact Factor 2011: 9.396**. Database: SCOPUS, Psychinfo, ISI Web of Science, Google Scholar.

5. **Borghi, A.M.**, Caramelli, N., Setti, A. (2005). Conceptual information on objects' locations. *Brain and Language*, 93, 140-151. **Impact Factor 2011: 3.115**. Database: SCOPUS, PUBMED, PsychInfo, ISI Web of Science, Google Scholar.

4. **Borghi, A.M.**, Parisi, D., & Di Ferdinando, A. (2005). Action and hierarchical levels of categories: A connectionist perspective. *Cognitive Systems Research*, 6, 99-110. **Impact Factor 2011: 1.173**. Database: SCOPUS, Psychinfo, ISI Web of Science, Google Scholar.

3. **Borghi, A.M.** (2004). Object concepts and action: Extracting affordances from objects' parts. *Acta Psychologica*, 115, 1, 69-96. **Impact Factor 2011: 2.255**. Database: SCOPUS, PUBMED, PsychInfo, ISI Web of Science, Google Scholar.

2. **Borghi, A.M.**, Glenberg, A., Kaschak, M. (2004). Putting words in perspective. *Memory and cognition*,32, 863-873. **Impact Factor 2011: 1.922**. Database: SCOPUS, PUBMED, PsychInfo, ISI Web of Science, Google Scholar.

1. **Borghi, A.M.** & Caramelli, N. (2003). Situation bounded conceptual organization in children: From action to spatial relations. *Cognitive Development*, 18, 40-60. **Impact Factor 2011: 1.727**. Database: SCOPUS, PUBMED, PsychInfo, ISI Web of Science, Google Scholar.

Book chapters or papers on peer-reviewed proceedings in English = n. 23

24. Mazzuca, C., **Borghi, A.M.** (in press). An Embodied and Grounded View on Concepts and its Possible Implications for Education. In F. Gomez Paloma (ed.): *Embodied Cognition: Theories and Applications in Education Science*. Nova Science.

23. **Borghi, A.M.** (2016). An Embodied and Grounded perspective on concepts. In Bianca, M., Piccari, P. (eds.). *Epistemology of ordinary knowledge*. (pp. 181-194). Cambridge Scholar. ISBN (10): 1-4438-8052-3; ISBN (13): 978-1-4438-8052-7.

22. **Borghi, A.M.**, Caruana, F. (2015). Embodiment theories. In *International Encyclopedia of the Social and Behavioral Sciences*, 2nd. Edition, vol. 7 (editor James Wright), Section of Cognitive Neuroscience (editor Stefano Cappa). **Oxford: Elsevier**. (pp. 420-426). ISBN: 9780080970868.

21. Flumini, A., Ranzini, M., **Borghi, A.M.** (2014). Sound-symbolic correspondences with figures of known entities. Proceedings of the Cognitive Science Society, 2210-2215.

- 20. Borghi, A.M.** (2013). Embodied cognition and word acquisition: The challenge of abstract words In: Cornelia Müller, Alan Cienki, Ellen Fricke, Silva H. Ladewig, David McNeill & Jana Bressem (Eds.) *Body-Language-Communication: An International Handbook on Multimodality in Human Interaction*. Handbooks of Linguistics and Communication Science (HSK) 38/2 Berlin, Boston: De Gruyter: Mouton
- 19.** Anelli, F., Nicoletti, R., Kalkan, S., Sahin, E., **Borghi, A.M.** (2012). Humans and robotics hands grasping danger. *Proceedings of the International Joint Conference on Neural Networks (IJCNN), WCCI 2012 IEEE World Congress on Computational Intelligence*, pp. 1613-1620, ISBN: 978-1-4673-1489-3..
- 18. Borghi, A.M.** (2012). **Action language comprehension, affordances and goals.** Action language comprehension, affordances and goals. In Yan Coello, Angela Bartolo (Eds). *Language and action in cognitive neuroscience. Contemporary topics in cognitive neuroscience series* (pp. 125-143). Psychology Press. ISBN: 978-1-84872-082-4.
17. Gianelli, C., Lugli, L., Baroni, G., Nicoletti, R., **Borghi, A.M** (2011). "The object is wonderful or prickly": how different object properties modulate behavior in a joint context. In: Kokinov, B., Karmiloff-Smith, A., Nersessian, N. J. (eds.) *European Perspectives on Cognitive Science*. © New Bulgarian University Press, 2011 ISBN 978-954-535-660-5 (Eurocogsci, paper 269). Database: Google Scholar.
16. Ambrosini, E., Scorolli, C., **Borghi, A.M.**, Costantini, M. (2011). Experiencing objects. The role of the body. In: Kokinov, B., Karmiloff-Smith, A., Nersessian, N. J. (eds.) *European Perspectives on Cognitive Science*. © New Bulgarian University Press, 2011 ISBN 978-954-535-660-5 (Eurocogsci, paper 235, pp. 1-5) (**best student award**). Database: Google Scholar.
15. Pezzulo, G., Barca, L., Lamberti Bocconi, A., **Borghi, A.M.** (2010). Motor Simulation in a Memory Task: Evidence from Rock Climbing. In S. Ohlsson & R. Catrambone (Eds.), *Cognition in flux. Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 266-271). Austin, TX: Cognitive Science Society.
14. Caligiore, D., Guglielmelli, E., **Borghi, A.M.**, Parisi, D., Baldassarre, G. (2010). A Reinforcement Learning Model of Reaching Integrating Kinematic and Dynamic Control in a Camera-Arm Robot. In *2010 IEEE 9th International Conference on Development and Learning, Proceedings of ICDL 2010*, art. no. 5578840 , pp. 211-218. Database: Scopus, Google Scholar.
- 13. Borghi, A.M.**, Caligiore, D., & Scorolli, C. (2010). Objects, words, and actions. Some reasons why embodied models are badly needed in cognitive psychology. In V. Capecchi, M. Buscema, P. Cantucci & B. D'Amore (eds.). *Applications of mathematics in models, artificial neural networks and arts. Mathematics and society*. Berlin: Springer. Database: ISI web of Science, Google Scholar.
12. Gaudiello, I., Caligiore, D., Schiavone, G., Salerno, A., Sergi, F., Zollo, L., Guglielminelli, E., Parisi, D., Baldassarre, G., Nicoletti, R., **Borghi, A. M.** (2009). Effects on space representation of using a tool and a button. *Cognitive Processing. Special Issue ICSC, 2009*, (pp. 153-154). Springer. Data base: ISI Web of Science.
- 11. Borghi, A.M.**, & Cimatti, F. (2009). Words as tools and the problem of abstract words meanings. In N. Taatgen & H. van Rijn (eds.). *Proceedings of the 31st Annual Conference of the*

Cognitive Science Society (pp. 2304-2309). Amsterdam: Cognitive Science Society. **ISBN 978-0-9768318-5-3**. Database: Google Scholar.

10. Caligiore, D., **Borghi, A.M.**, Parisi, D., & Baldassarre, G. (2009). Affordances and compatibility effects: A neural-Network computational model. In J. Mayor, N. Ruh, K. Plunkett (Eds.). *Connectionist models of behaviour and cognition II*: PROGRESS IN NEURAL PROCESSING Volume: 18 Pages: 15-26 DOI: 10.1142/9789812834232_0002. Singapore: WorldScientific. Database: Google Scholar.

9. **Borghi, A.**, Bonfiglioli, C., Ricciardelli, P., Rubichi, S., & Nicoletti, R. (2007). Do we access object manipulability while we categorize? Evidence from reaction times studies. In A.C. Schalley and Khlentzos, D. (Eds.). *Mental states: Evolution, function, nature* (pp. 153-170). Amsterdam/Philadelphia: John Benjamins. Harbound ISBN 978 90 272 3102 4, Ebook ISBN 978 90 272 9121 9. Data base: Psycinfo, Google Scholar.

8. Bazzarin, V., **Borghi, A.**, Tessari, A., Nicoletti, R. (2007). Is a small apple more like an apple or more like a cherry? In: S. Vosniadou & D. Kayser (eds.). *Proceedings of the European Cognitive Science Conference, Delphi 2007*. Taylor & Francis. **ISBN 10**: 184169696X **ISBN 13**: 9781841696966. Data base: Google Scholar.

7. **Borghi, A.**, Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S. Nicoletti, R. (2005). Visual hand primes and manipulable objects. In: B. Bara, L. Barsalou, B. Bucciarelli (eds.) *COGSCI2005. XXVII Annual Conference of the Cognitive Science Society*. Mahwah, N. J.: Lawrence Erlbaum Associates, Inc., 2005. p. 322-327. ISBN 0-9768318-1-3. Database: Google Scholar.

6. Tsiotas, G., **Borghi, A.** & Parisi, D. (2005). Objects and affordances: An Artificial Life simulation. In: B. Bara, L. Barsalou, B. Bucciarelli (eds.) *COGSCI2005. XXVII Annual Conference of the Cognitive Science Society*. Mahwah, N. J.: Lawrence Erlbaum Associates, Inc., 2005. p. 2212-2217. ISBN 0-9768318-1-3. Database: Google Scholar.

5. **Borghi, A.M.**, Di Ferdinando, A. e Parisi, D. (2003). Violation of category boundaries: A connectionist study with action-based categories. In F. Schmalhofer, R.M. Young & F. Katz, *Proceedings of the Meeting of the European Society of Cognitive Science, Osnabrück 2003* (pp. 61-66). London: Erlbaum. Database: Google Scholar.

4. **Borghi, A.M.** (2005). Object concepts and action. In D. Pecher & R.A. Zwaan (Eds). *Grounding Cognition: The role of perception and action in memory, language, and thinking* (pp. 8-34). Cambridge, UK: Cambridge University Press. ISBN-13 978-0-521-83464; ISBN-10 0-521-83464-3 (printed first as hardcopy, then also as ebook). Database: Google Scholar.

3. **Borghi A.**, Di Ferdinando A., Parisi D. (2002). The role of perception and action in object categorization. In J.A. Bullinaria & W. Lowe (Eds), *Connectionist Models of Cognition and Perception*. Singapore: World Scientific, pp. 40-50. ISBN 981-238-037-x. Database: Google Scholar.

2. Di Ferdinando, A., **Borghi, A.M.**, Parisi, D. (2002). The role of action in object categorization. In S. Haller & G. Simmons (Eds.), *Proceedings of the 15th International Flairs Conference*, pp. 138-142, AAAI Press, Pensacola (FL). Database: Google Scholar.

1. Borghi, A. & Caramelli, N. (2001). Taxonomic relations and cognitive economy in conceptual organization. In Moore, J.D., & Stenning, K. (eds.), *Proceedings of 23rd Meeting of the Cognitive Science Society*, London: Erlbaum, 98-103.

Papers in peer reviewed scientific journals in Italian (n. = 28)

28. Cimatti, F., Flumini, A., Vittuari, M., **Borghi, A.M.** (2016). Odors, words and objects. *RIFL-Rivista Italiana di Filosofia del linguaggio.1*: 78-91, DOI 10.4396/20160606.

27. **Borghi, A.M.**, Caramelli, N., Setti, A. (2016). How abstract is risk for workers? Expertise, context and introspection in abstract concepts. *Reti-Saperi-Linguaggi - Italian Journal of Cognitive Science*, 1/2016, 5 (9), 89-112, special issue "Mind and language in action"

26. **Borghi, A.M.**, Cimatti, F. (2015). WAT (Words As social Tools): una prospettiva socio-corporea sulla cognizione umana. *Sistemi intelligenti*, 27(2), 361-372.

25. Scorolli, C., **Borghi, A.M.**, Tummolini, L. (2015). Indici visivi e giudizi impliciti di proprietà: Uno studio sperimentale. *Sistemi intelligenti*, 1, 209-220, DOI: 10.1422/79695.

24. Paglieri, F., Scorolli, C., **Borghi, A.M.** (2013). Modelli evuzionistici e differenze religiose: Alcuni problemi. *Sistemi intelligenti*, 25, 2, 355-361.

23. **Borghi, A.M.**, Scorolli, C.(2012). Parole come strumenti che estendono il corpo. *Sistemi intelligenti*, 24, 1, 117-12620.

22. Liuzza, M.T., Cimatti, F., **Borghi, A.M.** (2012). Linguistic tools for embodied minds. *RIFL*, 6, 2, 43-58. doi: 104396/20120704.

21. **Borghi, A.M.**, Cimatti, F. (2012). Words are not just words: the social acquisition of abstract words. *RIFL - ISSN: 2036-6728*. doi: . 10.4396/20120303.

20. **Borghi, A.M.**, Caruana, F. (2011). Cognizione sociale. Editoriale sul numero speciale La Cognizione Sociale, *Sistemi Intelligenti*, 23, 2, 219-222. Database: Google Scholar. **Issn 1120-9550**.

19. **Borghi, A.M.**, Gianelli, C., Lugli, L. (2011). La dimensione sociale delle affordance: Affordance tra io e altri. *Sistemi intelligenti*, 23, 2, 291-300, numero speciale La Cognizione sociale, a cura di A.M. Borghi & F. Caruana. Database: Google Scholar. **Issn 1120-9550**.

18. Lugli, L., Baroni, G., Gianelli, C., **Borghi, A.M.** (2011). L'importanza degli altri: Come il contesto relazionale influenza il sistema motorio. *Giornale Italiano di Psicologia*, 38, 703-710. Database: Google Scholar.

17. **Borghi, A.M.** (2010). Parole, non simboli. Commento a Paternoster. *Sistemi intelligenti*, 1, 161-168. Database: Google Scholar. **Issn 1120-9550**.

16. **Borghi, A.M.** (2009). Comprensione del linguaggio: movimento, azione, socialità. *Teorie e modelli*, XIV, 1, 67-77. Database: Google Scholar. **ISSN 0393-2834**.

15. **Borghi, A.M.**, Montanari, F., Sarti, A. (2008). Il corpo clandestino. *Sistemi intelligenti*, 2, 341-346. Database: Google Scholar. Issn **1120-9550**.
14. **Borghi, A.M.**, Nicoletti, R. (2008). Se leggo cappello mi muovo verso l'alto Movimento e comprensione di parole e frasi. *Giornale Italiano di Psicologia*, 3, 563-588. Database: Psychinfo, Google Scholar.
13. Sacchetti, S., **Borghi, A.M.** (2007). Concetti di oggetti e funzione: Ruolo della funzione canonica e effetti di contesto. *Giornale Italiano di Psicologia*, 34, 781-788. Database: Psychinfo, Google Scholar.
12. **Borghi, A.M.** (2007). Object concepts and embodiment: Why sensorimotor and cognitive processes cannot be separated. *La nuova critica*, 49-50, 90-107. **ISSN 1824 9663**. Database: Google Scholar.
11. **Borghi, A.M.** (2006). Vita Artificiale e comportamento: Simulazioni su categorizzazione e azione. *Sistemi Intelligenti*, 18, 125-132. Issn **1120-9550**.
10. Caramelli, N., **Borghi, A.M.**, Setti, A. (2006). The identification of definition strategies in children of different ages. *Linguistica Computazionale*, 26, 155-177. ISSN 0392-6907 - ISBN 978-88-8147-576-6.
9. Caramelli, N., **Borghi, A.M.**, Setti, A. (2006). The relational structure of conceptual knowledge in children of different ages. *Linguistica Computazionale*, 26, 179-196. ISSN 0392-6907 - ISBN 978-88-8147-576-6.
8. Borghi, A.M. & Iachini, T. (2003). Risposta a Cristiano Castelfranchi. *Teorie e modelli*, VIII, 2, 107-113. **ISSN 0393-2834**
7. **Borghi, A.** (2000). Le menzogne della mente. Recensione a *Mente* di Domenico Parisi. *Ricerca e Futuro*, 18, 107-108. **ISSN 1593-4985**.
6. Caramelli, N., Montanari, A., **Borghi, A.M.** (1998). La conoscenza extralinguistica nella comprensione delle metafore nei bambini. *Età evolutiva*, 59, 1, 108-114. Data base: Psychinfo, Google Scholar.
5. Caramelli, N., **Borghi, A.** (1997b) L'organizzazione concettuale infantile: relazioni tematiche, tassonomiche e partonomiche. (Children's conceptual organization: The hierarchical structure of categories: perception vs. cognition). *Ricerche di psicologia*, III, 7-31. Data base: Psychinfo, Google Scholar.
4. Caramelli, N., **Borghi, A. M.** (1997a). L'organizzazione concettuale infantile: La struttura gerarchica delle categorie tra percezione e conoscenza. (Children's conceptual organization: The role of thematic, taxonomic and partonomic relations). *Ricerche di Psicologia*, II, 21, 7-31. Data base: Psychinfo, Google Scholar.
3. Caramelli, N., **Borghi, A. M.** (1995). La psicologia a Würzburg: il carattere teleonomico e selettivo del pensiero, *Axiomathes*, VI, 3, 349-374. Data base: Scopus, Google Scholar.

2. Caramelli, N., **Borghi, A.** (1994a). Lo studio dei concetti e dei processi di categorizzazione: teorie e modelli recenti. *Giornale Italiano di Psicologia*, XXI, 1, 23-44. **Issn** 0390-5394

1. Caramelli, N., **Borghi, A.** (1994b). Problemi teorici dello studio dei concetti e dei processi di categorizzazione. *Giornale Italiano di Psicologia*, XXI, 3, 339-366. **Issn** 0390-5394

Book chapters in Italian (n. = 8)

8. **Borghi, A.M.** (2015). Il futuro è “embodied”. In G. Buccino e M. Mezzadri (eds.), *Glottodidattica e Neuroscienze* (pp. 31-49). Firenze: Cesati.

7. **Borghi, A.M.**, Nicoletti, R.(2012). Movimento e azione. In Cubelli R. e Job. R.(Eds.) *Psicologia dei processi cognitivi*. Roma: Carocci (pp. 121-144). **isbn** 978-88-430-6160-0

6. Baroni, G., Pellicano, A., **Borghi, A.M.**, Rumiati, R., e Nicoletti, R., (2012). Le nostre reazioni di fronte ai guadagni e alle perdite. In: G. Belleli e R. Di Schiena (a cura di) *Decisioni ed emozioni: Come la psicologia spiega il conflitto tra ragione e sentimento*. (pp. 64-84) Bologna, Il Mulino. **ISBN** 9788815234544

5. **Borghi, A.M** (2002). Violazioni logiche nei processi di categorizzazione e nelle generalizzazioni induttive basate su categorie. In G. Mucciarelli & G. Celani (Eds.). *Quando il pensiero sbaglia. La fallacia tra psicologia e scienza*. Torino: UTET, pp. 120-156. Data base: Google Scholar. **ISBN:** 8877507640 **ISBN 13:** 9788877507648

4. **Borghi, A.M.** (2002). Concetti e azione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente*. Bologna: Il Mulino, pp. 203-222.

3. **Borghi, A.M.**, Iachini, T. (2002). Introduzione. In Borghi, A.M. & Iachini, T. (eds.). *Scienze della mente*. Bologna: Il Mulino, pp. 7-26.

2. Caramelli, N., **Borghi, A.M.** (2002). Sviluppi contemporanei. Immagini mentali. Concetti e categorizzazione. In Schönpflug W. e Schönpflug U. (a cura di), *Istituzioni di psicologia generale*, III italian edition edited by M. Olivetti Belardinelli e C. Fiorilli. Padova: Cedam, pp. 237-252. **ISBN:** 8813226667 **ISBN 13:** 9788813226664

1. Caramelli, N., **Borghi, A.M.** , Raffaelli, K.(1998) Come la descrizione linguistica di una storia cambia con l'età. In W. Battacchi, , M. Bosinelli, P.E. Ricci Bitti, G. Trombini (eds.), *Le ragioni della psicologia - Saggio in onore di Renzo Canestrari*. Milano: Angeli, 348-359. **ISBN:** 9788846407931

Conference Presentations

Invited speaker/discussant

- 1999, Discussant, First International Colloquium “Philosophy, Mind, and Society” on Categories and Belief, Turin, organized by the Laboratorio di Scienze Cognitive, Metodologiche ed Economico-Sociali (LASCOMES), Fondazione Rosselli
- 2003. Borghi, A.M. Concetti e azione: tra dati sperimentali e simulazioni connessioniste. Università della Calabria, Cosenza.
- 2005. Borghi, A.M. Azione e conoscenza concettuale. Dipartimento di Fisiologia, Università di Parma.
- 2005. Borghi, A.M. Object concept nouns and motor information. Amsterdam, July 6-9, 2005. Fifteenth Annual Meeting of the Society for Text and Discourse, **Symposium Perception and Action in Language Processing, Organizers: Rolf Zwaan, Katja Wiermer-Hastings.**
- 2005. Borghi, A.M. Concetti di oggetti e sistema motorio. Ospedale Maggiore, Dipartimento di Scienze Chirurgiche Specialistiche Biomateriali e Bioimpianti, **Universita' di Trieste.**
- 2006. Borghi, A.M. Oggetti, affordances, azione. Dipartimento di Psicologia, Università di Milano Bicocca.
- 2006. Borghi, A.M. Manipulable objects, words and action. Symposium Embodied Simulation, Kloster Irsee, 9-12 February 2006.
- 2006. Borghi, A.M. Concepts, words, and action. **University of Modena and Reggio Emilia,** April 26.
- 2006. Borghi, A.M. Concetti, parole e azione. **Workshop Linguaggio e scienze cognitive, University of Trieste,** Department of Psychology, May 18-19.2006.
- 2006. Borghi, A.M. Concetti, azione, imitazione, apprendimento motorio, **Master Le basi neurocognitive della riabilitazione motoria, Università di Trieste.** September 17, 2006.
- 2006. Borghi, A.M. Concettualizzazione, linguaggio e azione. IV Convegno nazionale di Neuroriabilitazione, **Azione, empatia ed imitazione nell'itinerario riabilitativo. Napoli, Centro Studi e Ricerca in Riabilitazione.** October 28, 2006.
- 2007. Borghi, A.M. Objects, words and action. Invited talk at the **CNRs Laboratoire de Psychologie et Neurocognition (CNRS UMR 5105), Université Pierre Mendes, Grenoble, France.**
- 2007. Borghi, A.M. Does experimental psychology require embodied models? or Why embodied models are badly needed in cognitive psychology. Invited talk within the 2 days workshop **From observations and experiments to modeling styles, Institute of Science and Technologies of Cognition, Rome, October 11-12, 2007.**
- 2007. Borghi, A.M., Riggio, L. Sentence comprehension and affordances. Trieste, the XV Kanizsa Lecture & Trieste Symposium on Perception and Cognition. November 22-23. See also Coackroaches to culture: current controversies in cognition, November 24-25, Trieste (poster by Claudia Scorolli).
- 2008. Borghi, A.M. Cognizione embodied e simulazione motoria: Studi sul linguaggio. Tavola rotonda: IMMAGINI DELLE STRUTTURE, IMMAGINI DELLE FUNZIONI? NEUROSCIENZE TEORICHE E APPLICATE. June 5-6, Noto, CODISCO (see website)
- 2008. Borghi, A.M. Visuomotor priming and compatibility effects. **Cognitive Neuroscience Conference** (see website). **School of Psychology, Birmingham.** June 26-27.
- 2008. **Rome,** September 16-17. Tavola quadrata su: **Scienze cognitive, neuroscienze, e ISTC.** Partecipano: Salvatore Aglioti, Anna Borghi, Patrizio Pasqualetti, Giuseppe Vallar, Pierluigi Zoccolotti.
- 2008. **Rome,** September 22-24. iTALK (Integration and Transfer of Action and Language Knowledge) **Roadmap Meeting Workshop.** (program: pdf)

- 2009. **Lille**, France, January 28-31. **Motor representation and language of space**. European Science Foundation. Organizers: Angela Bartolo, Yann Coello.
- 2009. **Ancona**, May 23. Allenare il cervello. Il contributi delle recenti scoperte delle neuroscienze per l'apprendimento motorio-sportivo. CONI.
- 2009. **Reggio Emilia**, May 25. Perspectives on Embodied and grounded cognition. Giornata su Danza, neuroscienze, transmedialità. (program: pdf)
- 2009. **Atlanta**, Georgia, USA, September 28-30. Neural correlates of object recognition and action. Title: Sensorimotor transformations: implications for objects and affordances.
- 2009. **Philadelphia**, PA, October 1. Talk at the University of Pennsylvania, NCRRN. 3400 Spruce Street, 3 West Gates Bldg, Neurology Conference Room. Title: Seeing hands, seeing objects, seeing words.
- 2010. **Plymouth**, UK, January 13. Talk at the University of Plymouth. Title: Acting with objects, interacting with others.
- 2010. **Zurich**, CogSys, January 27. Talk at the Cognitive Systems Conference. Title: Stable and variable affordances. A contribution of the ROSSI project.
- 2010. **Nijmegen**. Discussant, Workshop The Embodied Mind: Perspectives and Limitations. Radboud University Nijmegen, October 27-28, 2010.
- 2010. **Nijmegen**. Talk at Donders Institute, Spinozageboud: Affordances, automaticity and embodied cognition. November, 2, 2010.
- 2010. **Milano**, talk at University of Milano, Department of Philosophy (seminars organized by C.Sinigaglia). Mani, oggetti e parole. December 17, 2010.
- 2011. **Cremona**, workshop: **Che cos'e' un soggetto, Ontologie della soggettività tra comune e singolare** (talks: Anna Borghi, Massimo De Carolis, Vittorio Gallese, Paolo Virno). Organized by singolarecomune, February 19, 2011.
- 2011. **Wien**. Talk: Embodied cognition and language comprehension: Motor chains and social aspects. within the Workshop **The mirror neuron system and embodiment: Implications for Psychotic Disorders**. Other speakers: Ferdinand Binkofski, Giovanni Buccino, Anna Borghi, Tilo Kircher. 19th European Congress of Psychiatry – EPA 2011. March 12-15, 2011.
- 2011. **Montreal**. Talk Comprehending words, comprehending actions within the **Symposium Embodied Language Processes: From Words to Stories** (speakers: 1. Learning Words and Actions in an Embodied System Erin R. Hahn, Lisa Gershkoff-Stowe, 2. Basic Emotions and Early-Learned English Verbs Josita Maouene, 3. Comprehending Words, Comprehending Actions Anna M. Borghi, 4. Preschoolers Simulate a Character's Movements During Story Comprehension Agnieszka M. Polanowski Fecica, Daniela O'Neill). 2011 Society for Research in Child Development SRCD Biennial Meeting, Montreal, Canada, April 1, 2011.
- 2011. **Aachen, April 7**. Invited talk: **Words, affordances, actions**. Colloquium on Disorders of Communication and Cognition, **Universitätsklinikum der RWTH Aachen**.
- 2011. **Aachen**, April 8-9, 2011. Invited talk **Affordances, tools, and words as tools** at the symposium Embodied mind. Motion on communication and cognition research, RWTH Aachen University. pdf of the program.
- **2011. Cefalù, Sicily**, April 19. Invited talk at the **international workshop on Vision, Action and Language Embodiment**. pdf of the program.
- **2012. Kaliningrad, Russia**, June 18-24, THE FIFTH INTERNATIONAL CONFERENCE ON COGNITIVE SCIENCE. Claudia Scorolli, Anna Borghi: Words as tools. An extended view. Kinematics evidence. Symposium **Neurocognitive Mechanisms of Human Linguistic Behavior**.

- 2013. Potsdam, Germany, ESLP, Embodied and Situated Language Processing, invited talk: Abstract concepts and words. The role of social acquisition. Potsdam, Germany, July 29-31.
- 2013. Cambridge, UK, September 2-4. Embodied language II. Invited talk: Language, affordances and the bodily space.
- 2013. University of Arezzo, October 7-9. Conference Epistemologia della conoscenza ordinaria. Percezioni, rappresentazioni, concetti, linguaggi, inferenze, ontologie e senso comune. Invited talk: Objects, words, abstract words: An embodied and grounded approach.
- 2013. Roma, ISTC-CNR. October 9-10. Workshop Language and Cognition in Embodied Agents. Invited talk: Words as tools. Language, affordances and the bodily boundaries.
- 2013. Napoli, November 21. AISC. Simposio Scegliere il futuro: Prospettive interdisciplinari. Speakers: Petrillo, Bellagamba, Borghi, Paglieri.
- 2014. Parma, April 28. Tra neuroscienze e glottodidattica: ponti in costruzione. Organizers: Giovanni Buccino, Marco Mezzadri. Speakers: Anna Borghi, Giovanni Buccino, Paola Marangolo, Gabriella Vigliocco.
- 2014. Rome, December 3. AISC-CODISCO conference. Invited talk: Truth, freedom and phantasy are difficult to explain: a proposal on abstract concepts and words
- 2015- Rome, May 15. CLASTA conference. Invited presentation to the talk of Corrado Sinigaglia.
- 2015. Berlin, Institute of Mind and Brain, Humboldt University, October 23-24. Conference "Impure perception", organized by Jesse Prinz and by the Einstein group. Invited talk: Motor and linguistic contaminations of perception: From object affordances to abstract concepts. Further invited speakers: Dustin Stokes; Bence Nanay; Panos Athanasopoulos, Sally Linkenauger, Jesse Prinz.
- 2016. Berlin, Institute of Mind and Brain, Humboldt University, May 1-2. 4th Einstein Group Workshop. Invited talk: Words as social tools: mouth activation with abstract concepts <http://www.einsteinmindbrain.de/>
- 2016. Rome, Modelact conference, June 6-7. Invited talk: From affordances to abstractness: An embodied and grounded perspective on language. Modelact conference
- 2016. Rome, Deleuze Camp, 4-8 July. July 6. Invited talk: Embodied and grounded cognition. With Felice Cimatti.

Conference abstracts

176. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). A study on abstract concepts with the extrinsic Simon task. Abstract concepts international symposium 2016. Structure, processing and modeling. November 18, 2016.

175. Mazzuca, C., Borghi, A.M., (2016). Abstract concepts and the activation of the hand and mouth effectors. Abstract concepts international symposium 2016. Structure, processing and modeling. November 18, 2016.

174. Barca, L., Mazzuca, C., Notte, M., Borghi, A.M. (2016). Influenza dell'utilizzo del ciuccio sull'elaborazione di concetti astratti, concreti ed emotivi. Congresso di Psicologia Sperimentale, AIP, Roma, September 20-22 2016.174.

173. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). CogSci, Recognizing and Representing Events: Integrating Psychological, Philosophical, Linguistic, Computational and Neural Perspectives, poster: Seeing the Bees Buzz and Hearing the Diamonds Glisten: The Effect of the

Mode of Presentation of Stimuli on the Modality-Switch Effect. Philadelphia, PA, USA, August 10-13.

172. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). Emergent Meaning workshop, Neural, Social, and Computational Perspectives, poster: Does the Mode of Presentation of Stimuli Affect Modality-Switching Costs? A Study with the Lexical Decision Task. Lehigh University, Bethlehem, PA, USA, August 10.

171. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). ICT conference, International Conference on Thinking, poster: Is the color of \blacklozenge Culture \blacklozenge visual or auditory? A study on abstract concepts with the Extrinsic Simon task. Brown University, Providence, RI, USA, August 4-6.

170. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). Is the acoustic modality relevant for abstract concepts? An investigation with implicit measures. Rome, Modelact conference, June 6-7.

169. Scerrati, E., Lugli, L., Borghi, A.M., Nicoletti, R. (2016). Is the acoustic modality relevant for abstract concepts? An investigation with implicit measures. Rome, Modelact conference, June 6-7.

168. Borghi, A.M. (2015). Perspective and bodily space in language comprehension. (talk within the symposium Language, action and space, convenors A.M.Borghi, L.Tummolini). 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition, Rome, September 7-11.

167. Lugli, L., Baroni, G., Anelli, F., Borghi, A.M., R.Nicoletti (2015). Moving through the space: how arithmetical calculations are involved. (talk within the symposium How do numbers move mentally? The interplay between numerical cognition and multiple dimensions of space, convenors L. Lugli, B. Winter). 6th International Conference on Spatial Cognition (ICSC): Space and Situated Cognition, Rome, September 7-11.

166. Flumini, A., Borghi, A.M., Santiago, J. (2015). The shape of abstract words. ESCOP 2015, Cyprus, September 17-20.

165. Scerrati, E., Baroni, G., Borghi, A.M., Galatolo, R., L.Lugli, R.Nicoletti (2015). Visually and aurally presented prime sentences automatically activate our senses. ESCOP 2015, Cyprus, September 17-20.

164. Scerrati, E., Baroni, G., Borghi, A.M., Galatolo, R., L.Lugli, R.Nicoletti (2015). Il ruolo della modalità del contenuto e del modo di presentazione dello stimolo nella determinazione del modality switch effect. XXI Congresso di Psicologia sperimentale, AIP, Rovereto, September 10-12.

163. Lugli, L., Obertis, A., Borghi, A.M. (2015). Imitative and complementary actions evoked by individual vs. social hands movements. Budapest, 6th Joint Action Meeting, JAM. July 1-4.

162. Scorolli, C., Pesciarelli, Borghi, A.M., Colzato, L., Hommel, B., & Cacciari, C. (2015). Effects of specific religious practice on the electrophysiological responses to errors. International Convention of Psychological Science (ICPS), Amsterdam, 12-14 March 2015, Poster.

161. Anelli, F., Lugli, L., Baroni, G., Borghi, A.M., Nicoletti, R. (2014). Camminare fa bene all' \blacklozenge aritmetica: come i movimenti influenzano le addizioni e le sottrazioni. XX Congresso di Psicologia Sperimentale, AIP, Pavia, September 2014.

160. Scorolli, C., Pesciarelli, F., Borghi, A.M., Colzato, L., Hommel, B., Cacciari, C. (2014). Effetti della religione sulla risposta neurofisiologica all' \blacklozenge errore. XX congresso di psicologia sperimentale, AIP. Pavia, September 2014.

159. Lugli L., Baroni G., Anelli F., Borghi A.M., Nicoletti R. (2014) Speaking about numbers: Does the motion of the whole body play a role? Embodied and Situated Language Processing ESLP 2014, August 19-21, Rotterdam, NL.

158. Scorolli, C., Borghi, A.M., Tummolini, L. (2013). Questo è mio, quello è tuo: Giudizi impliciti sulla proprietà. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.

157. Lugli, L., Baroni, G., Anelli, F., Borghi, A.M., Nicoletti, R. (2013). Interazione tra cognizione numerica e processi motori. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
156. Granito, C., Scorolli, C., Borghi, A.M. (2013). Alice a Legoland: come acquisiamo le parole astratte. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
155. Flumini, A., Barca, L., Borghi, A.M., Pezzulo, G. (2013). Effetti di compatibilità tra postura della mano e affordances: uno studio su parole ed oggetti con MouseTracker. AIP. XIX congresso di psicologia sperimentale. Rome, September 16-18.
154. Lugli, L., Baroni, G., Anelli, F., Borghi, A.M., Nicoletti, R. (2013). Body movements affect counting. 35th annual cognitive science conference. Berlin, Germany, July 31-August 3.
153. Gianelli, C., Lugli, L., Baroni, G., Nicoletti, R., Borghi, A.M. (2013). How social context enhances the link between linguistic stimuli and motor behaviour. ESPL, Embodied and Situated Language Processing, Potsdam, Germany, July 29 - 31, 2013.
126. Scorolli, C., Granito, C., Borghi, A.M. (2013). Learning abstract words: The key brick of language. ESPL, Embodied and Situated Language Processing, Potsdam, Germany, July 29 - 31, 2013.
151. Scorolli, C., Miatton, M., Wheaton, L., Borghi, A.M. (2013). Semantic relations between objects in a social context: A kinematics study on social intention. Berlin, JAM, Joint Action Meeting, Berlin, Germany, July 27 - 29, 2013.
150. Scorolli, C., Borghi, A.M., Tummolini, L. (2012). Il proprietario e' il piu' vicino ed il primo a scoprire l'oggetto. Embodiment e proprieta'. Atti del nono convegno dell'associazione italiana di scienze cognitive (AISC), Roma, December 3-5, 2012, editors Marco Cruciani & Federico Cecconi.
149. Scorolli, C., Miatton, M., Wheaton, L., Borghi, A.M. (2012). Semantic relations between objects in a spatial context: A kinematics study on social intention. Cognition and Language: A research Conference in Memory of Patrizia Tabossi. The Trieste Symposium on Perception and Cognition. Trieste. November 9, 2012.
148. Scorolli, C., Miatton, M., Wheaton, L., Borghi, A.M. (2012). Ti porgo un oggetto, prendo un oggetto: Uno studio cinematografico sull'intenzione sociale. AIP, Congresso Nazionale della Sezione di Psicologia sperimentale. Chieti, 20-22 September 2012.
147. Borghi, A.M. (2012). The physical and social space of affordances. (talk within the symposium Objects and action in the individual and social space: Affordances and embodied cognition). 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.
146. Morlino, G., Gianelli, Borghi, A.M., Nolfi, S. (2012). Category learning through action: A study with human and artificial agents. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.
145. Gianelli, C., Ranzini, M., Marzocchi, M., Rettore Micheli, L., & Borghi, A.M. (2012). Influence of numerical magnitudes on the free choice of an object position. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.
144. Scorolli, C., Miatton, M., Wheaton, L. & Borghi, A.M. (2012). Poster. When a glass calls: Anatomy of a toast. 5th International Conference on Spatial Cognition (ICSC): Space and Embodied Cognition. Rome, 4-9 September 2012.
143. Roversi, C., Borghi, A.M., Tummolini, L. (2012). Poster: Social objects in mind: an experimental study on social concepts. Objects in mind. First Aarhus-Paris Conference in Social Ontology and Cognition. University of Aarhus, Denmark, June 25-26 2012.

142. Paglieri, F., Borghi, A.M., Colzato, L., Hommel, B. & Scorolli, C. (2012). Religious differences in temporal discounting: Calvinists, Catholics and atheists. Rome, ISTC-CNR, May 29 2012, Intertemporal day.
141. Anelli, F., Baroni, G., Borghi, A.M., Lugli, L., Nicoletti, R. (2012). Counting is easier while experiencing a congruent movement. Rovereto Workshop on Concepts, Action, Objects CAOS, May 24-27, 2012.
140. Scorolli, C., Borghi, A.M., Tummolini, L. (2012). The owner is closer and is the first to discover objects. Exploring the embodied nature of object ownership. Rovereto Workshop on Concepts, Action, Objects CAOS, May 24-27, 2012.
139. Ranzini, M., Anelli, F., Borghi, A.M., Carbone, R., Lugli, L. Nicoletti, R. (2011). Object graspability affects number processing. 17th Meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.
138. Scorolli, C., Daprati, E., Nico, D., Borghi, A.M. (2011). Catching objects through words. 17th Meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.
137. Ottoboni, Borghi, A.M., Tessari, A. (2011). The role of oculo-motor coordination in affordance. 17th meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.
136. Scorolli, C., Daprati, E., Nico, D., & Borghi, A.M. (2011). Catching objects through words. 17th meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.
135. Ranzini, M., Anelli, F., Borghi, A.M., Carbone, R., Lugli, L., Nicoletti, R. (2011). Object graspability affects number processing. 17th meeting of the European Society for Cognitive Psychology, ESCOP 2011, San Sebastian, September 29-October 2, 2011.
134. Scorolli, C., Daprati, E., Nico, D., Borghi, A.M. (2011). Comprensione del linguaggio e rappresentazione dello spazio: le parole come strumenti. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.
133. Flumini, A., Ranzini, M., Borghi, A.M. (2011). Nomine sunt consequentia rerum: corrispondenze suono-forma nella denominazione di oggetti conosciuti. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.
132. Anelli, F., Borghi, A.M., Nicoletti, R. (2011). Dinamiche del pericolo e affordances. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.
131. Obertis, A.C., Lugli, L., Borghi, A.M. (2011). Dare è femmina, colpire è maschio. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.
130. Ranzini, M., Anelli, F., Borghi, A.M., Nicoletti, R. (2011). Fuggire dal dolore? Uno studio sulla percezione di oggetti pericolosi. XVII Congresso Nazionale della Sezione di Psicologia Sperimentale, Catania, September 14-16, 2011.
129. Scorolli, C., Jacquet, P.O., Binkofski, F., Nicoletti, R., Tessari, A. & Borghi, A.M. (2011). Does catching an object differ from catching a flower? Embodied and Situated Language Processing 2011(ESLP 2011), Bielefeld University, August 25-27 2011.

128. Borghi, A.M., Flumini, A., Cimatti, F., Marocco, D. & Scorolli, C. (2011). Language's role in concepts: A study on concrete and abstract words acquisition. 5th annual Rovereto workshop on Concepts, Actions and Objects (CAOs). May 19th-22nd, Rovereto.
127. Natraj N., Poole V.N., Mizelle J.C., Flumini A., Borghi A.M. & Wheaton L. (2011). Context and Hand posture Modulate the Neural Dynamics of Tool-Object Perception. Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, April 2-5 2011.
126. Caligiore, D., Borghi, A.M., Parisi, D., Ellis, R., Cangelosi, A. & Baldassarre, G. (2011). COSYNE 2011. Affordances of distractors and compatibility effects: a study with the computational model TROPICALS.
125. Scorolli, C., Da Prati, E., Nico, D., Borghi, A.M. (2011). Language comprehension and space representation: words as tools. BCCD11 Budapest Conference on Cognitive Development, January 14-16, 2011.
124. Costantini, M., Ambrosini, E., Scorolli, C., Borghi, A.M. (2010). When objects are close to you: Objects manipulation and use in the peripersonal space. Poster presented at the Symposium The embodied mind: Perspectives and Limitations, Radboud University, Nijmegen, October 27-28, 2010.
123. Ranzini, M., Borghi, A.M., & Nicoletti, R. (2010). Effects of motor simulation and motor resonance in a line bisection task. Poster presented at the Symposium The embodied mind: Perspectives and Limitations, Radboud University, Nijmegen, October 27-28, 2010.
122. Flumini, A., Natraj, N., Wheaton, L., Borghi, A.M. (2010). Una mano, due oggetti: Emergere delle affordances nei contesti. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
121. Anelli, M., Borghi, A.M., Nicoletti, R. (2010). Grasping the pain. La simulazione motoria con affordance pericolose. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
120. Marino, B., Borghi, A.M., Buccino, G., Riggio, L. (2010). Lo scopo dell'interazione di un organismo con un oggetto seleziona le affordances. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
119. Nicoletti, R., Lugli, L., Pellicano, A., Borghi, A.M. (2010). L'effetto affordance in compiti g-nogo e sociali. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
118. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., Borghi, A.M. (2010). La corteccia motoria primaria nell'elaborazione di frasi concrete e astratte. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
117. Anelli, M., Borghi, A.M., Scorolli, C., Tessari, A. (2010). Verbi e oggetti relativi all'azione: Elaborazione linguistica o motoria? Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
116. Ranzini, M., Borghi, A.M., Nicoletti, R. (2010). Possibili effetti di risonanza motoria in un compito di bisezione. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
115. Costantini, M., Ambrosini, E., Scorolli, C., Borghi, A.M. (2010). Quando l'oggetto è vicino: Manipolazione e uso di oggetti nello spazio peri-personale. Associazione Italiana di Psicologia (AIP), XVII Congresso sez. Psicologia Sperimentale, Bologna, September 2-3, 2010.
114. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., & Borghi, A.M. (2010). The role of primary motor cortex in concrete and abstract sentences comprehension. 27th International Congress of Applied Psychology, Melbourne, Australia, July 11-16.

113. Lugli, L., Gianelli, C., Baroni, G., Borghi, A.M., & Nicoletti, R. (2010). Interacting with different objects and agents: A behavioral and kinematics study. 3rd UK Cognitive Linguistics Conference, University of Hertfordshire, 6-8 July 2010.
112. Scorolli, C., Jacquet, P., Binkofski, F., Nicoletti, R., Tessari, A., & Borghi, A.M. (2010). Processing abstract and concrete sentences: A role of primary motor cortex? Fourth Annual Rovereto workshop on Concepts Actions and Objects, Functional and Neural perspective: CAOS. Rovereto, May 20-23, 2010.
111. Borghi, A.M. Overview of cognitive robotics networks in Europe. Talk within the symposium Embodied Robotics: from Affordances to Action organized by Martin Fischer, Anna Borghi. 1st Joint Conference of the EPS and SEPEX, 15-17 April, 2010, Granada.
110. Borghi, A.M., Cimatti, F. (2010). Abstract words and social development ([poster](#)). EPS workshop The representation of abstract concepts. London, UCL, January 8-9.
109. Scorolli, C., Binkofski, F., Buccino, G., Nicoletti, R., Riggio, L., Borghi, A.M. (2010). Abstract and concrete sentences, embodiment and languages. EPS workshop The representation of abstract concepts. London, UCL, January 8-9.
108. Ferri, F., Stoianov, I., Gianelli, C., D'Amico, L., Borghi, A.M., Gallese, V. Quando le emozioni e l'azione si incontrano: uno studio di cinematica del comportamento di "dar da mangiare" all'altro. Bologna, Società Italiana di Neuropsicologia, SINP, 27-28 Novembre 2009.
107. Pezzulo, G., Borghi, A.M., Lamberti-Bocconi A., Barca, L. Simulazione ed effetto sui chunks motori: Uno studio su scalatori esperti e non esperti. XV Congresso AIP sez. Sperimentale. Chieti, 24-26 settembre.
106. Scorolli, C., Borghi, A.M., Binkofski, F., Buccino, G., Nicoletti, R., Riggio, L. (2009). Embodiment e linguaggio: Uno studio su frasi astratte e concrete. XV Congresso AIP sez. Sperimentale. Chieti, 24-26 settembre.
105. Anelli, M., Nicoletti, R., Borghi, A.M. Categorizzazione e azione: Risposte motorie a oggetti duri e teneri. XV Congresso AIP sez. Sperimentale. Chieti, 24-26 settembre.
104. Gianelli, C., Baroni, G., Lugli, L., Borghi, A.M., Nicoletti, R. (2009). Tra me e te: parole e oggetti in interazione. XV Congresso AIP sez. Sperimentale. Chieti, 25-27 settembre.
103. Gaudiello, I., Caligiore, D., Schiavone, G., Salerno, A., Sergi, F., Zollo, L., Guglielminelli, E., Parisi, D., Baldassarre, G., Nicoletti, R., Borghi, A. (2009). Effects on space representation of using a tool and a button. Cognitive Processing. Special Issue ICSC, 2009, (pp. 153-154). Springer.
102. Colzato, L., Scorolli, C., van den Wildenberg, W., Borghi, A.M., Hommel, B. (2009). Losing the big picture: How religion may control visual attention. ESCOP conference, Kracow, September 2-5, 2009.
101. Scorolli, C., Borghi, A.M., Nicoletti, R. Embodiment and language: Cross-linguistic evidence on abstract and concrete sentences. ESCOP conference, Kracow, September 2-5, 2009.
100. Baroni, G., Lugli, L., Gianelli, C., Borghi, A.M., Nicoletti, R. (2009). Self, others and objects: How they interact and modulate the motor system. ESCOP conference, Kracow, September 2-5, 2009.
99. Pellicano, A., Iani, C., Rubichi, S., Ricciardelli, P., Borghi, A.M., Nicoletti, R. (2009) Real life motor training modifies motor performance: The advantage of being drummers. ESCOP conference, Kracow, September 2-5, 2009.
98. Colzato, L., Scorolli, C., van den Wildenberg, W., Borghi, A.M., Hommel, B. (2009). Losing the big picture: How religion may control visual attention. ESCOP conference, Kracow, September 2-5, 2009.
97. Scorolli, C., Borghi, A.M., Nicoletti, R. (2009) Embodiment and language: Cross-linguistic evidence on abstract and concrete sentences. ESCOP conference, Kracow, September 2-5, 2009.

96. Baroni, G., Lugli, L., Gianelli, C., Borghi, A.M., Nicoletti, R. (2009). Self, others and objects: How they interact and modulate the motor system. ESCOP conference, Krakow, September 2-5, 2009.
95. Pellicano, A., Iani, C., Rubichi, S., Ricciardelli, P., Borghi, A.M., Nicoletti, R. (2009) Real life motor training modifies motor performance: The advantage of being drummers. ESCOP conference, Krakow, September 2-5, 2009.
94. Burke, K., Setti, A., Liuzza, M.T., Borghi, A.M., Newell, F.N. (2009). Visuo-motor resonance in older adults. International Multisensory Research Forum 2009, City College New York City, June 29th- July 2nd.
93. Gianelli, C., & Borghi, A.M.. (2009) Engagement in action. How motor chains, goals and agents are translated in language. Poster. Third annual workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives, Rovereto, Italy, 22th-25th of April, 2009.
92. Scorolli, C., Borghi, A.M. & Nicoletti, R. (2009) *Abstract and concrete sentences in German and Italian*. Poster. Third annual workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives, Rovereto, Italy, 22th-25th of April, 2009.
91. Lugli, L., Baroni, G., Gianelli, C., Borghi, A.M., Nicoletti, R. (2009) Good things to me but not bad ones to others. Workshop: Enacting intersubjectivity. Paying the way for a dialogue between cognitive science, social cognition, and neuroscience. Lugano, February 13-14, 2009.
90. Gianelli, C., Borghi, A.M. (2008). Il linguaggio dell'azione: Catene motorie e simulazione. AIP, XIV Congresso Annuale Associazione Italiana di Psicologia, sez. Sperimentale, Padova, Sept. 18-20.
89. Scorolli, C., Borghi, A.M., Glenberg, A.M. (2008) Le parole hanno un peso. AIP, XIV Congresso Annuale Associazione Italiana di Psicologia, sez. Sperimentale, Padova, Sept. 18-20.
88. Lugli L., Baroni G., Gianelli C., Borghi A. M., Nicoletti R. (2008) Linguaggio e azione: Il ruolo della social politeness. AIP, XIV Congresso Annuale Associazione Italiana di Psicologia, sez. Sperimentale, Padova, Sept. 18-20.
87. Caligiore, D., Borghi, A.M., Parisi, D., & Baldassarre, G. (2008). Affordances and compatibility effects: a neural-network computational model. In Mayor Julien, Ruh Nicholas, Plunkett Kim (orgs.), The 11th Neural Computation and Psychology Workshop. University of Oxford, Oxford, UK, 16-18 July 2008 University of Oxford, Oxford, UK.
86. Baroni, G., Freina, L., Pellicano, A., Borghi, A.M., Rumiati, R., Nicoletti, R. (2008). How do we React to Gain- and Loss-Words? An Experimental Study on Economic Concepts. Bari, Giornata di Studio su Emozioni e Decisioni, May 22-23, 2008
85. Kalenine, S., Bonthoux, F., Borghi, A.M. (2007). How action and context priming influence categorization: a developmental study. Workshop Concepts, action and objects, Rovereto, April 24-27, 2008.
84. Scorolli, C., Borghi, A., Glenberg, A. (2007). Effects of language on bimanual objects lifting. (poster). Roma, Novembre 28-29. Quarto convegno dell'Associazione Italiana di Scienze Cognitive AISC.
83. Baroni, G., Freina, L. Borghi, A., Nicoletti, R. (2007). Come reagisco se leggo "ragno"? E "torta" Un'indagine sui movimenti di attrazione e repulsione. (poster). Roma, November 28-29. Quarto convegno dell'Associazione Italiana di Scienze Cognitive AISC.
82. Borghi, A., Riggio, L. (2007). Affordances "stabili" e "temporanee" nella comprensione del linguaggio. Como, AIP, September 17-19.
81. Setti, A., Borghi, A., Tessari, A. (2007). L'informazione sull'azione e il movimento in concetti di animati e inanimati. Como, AIP, September 17-19.
80. Scorolli, C., Glenberg, A., Borghi, A., Setti, A. (2007). Effetti del linguaggio sulla percezione e sulla valutazione del peso. Como, AIP, September 17-19.

79. Bazzarin, V., Freina, L., Borghi, A., Nicoletti, R. (2007). Gabbiani rossi volano nel bianco tramonto... C'è qualcosa che non va?. Como, AIP, September 17-19.
78. Setti, A., Borghi, A., Tessari, A. (2007). Motion and action in animate and inanimate objects. ESCOP conference, Marseille, 29 August-2 September.
77. Baroni, G., Freina, L., Borghi, A., Nicoletti, R. (2007). Reaction to Positive and Negative Words: Attraction or Repulsion? ESCOP conference, Marseille, 29 August-2 September.
76. Scorolli C., Borghi, A. Comprehension of Sentences Implying Actions: Relevance of the Effector and of the Goal. ESCOP conference, Marseille, 29 August-2 September.
75. Borghi, A., Bazzarin, V., Tessari, A., Nicoletti, R. (2007). Is a Large Nut Like An Apple? Studies with Real and Modified Sized Objects. ESCOP conference, Marseille, 29 August-2 September. .
74. Freina, L., Baroni, G., Borghi, A., Nicoletti, R. (2007). emotive concept-nouns and motor responses: Attraction or repulsion? Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
73. Freina, L., Baroni, G., Borghi, A., Nicoletti, R. (2007). emotive concept-nouns and motor responses: Attraction or repulsion? Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
72. Scorolli, C., Glenberg, A., Borghi, A., Setti, A. (2007). Language comprehension influences perception. Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
71. Borghi, A., Bazzarin, V., Tessari, A., Nicoletti, R. (2007). Do we grasp a small hammer like a hammer or like a nail? A study with real and modified sized objects. Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
70. Setti, A., Borghi, A., Tessari, A. (2007). Motion and action in animate and inanimate objects. Rovereto: CAOS: Concepts, action and objects: Functional and neural perspectives, 19-22 April 2007.
69. Scorolli, C. Borghi, A. (2006). Comprensione di frasi che implicano azioni: rilevanza dell'effettore e dello scopo. Genova, III convegno nazionale di scienze cognitive, October 26-27 2006.
68. Borghi, A. (2006). Affordances e categorizzazione: tra esperimenti e simulazioni connessioniste. Genova, III convegno nazionale di scienze cognitive, October 26-27 2006.
67. Bazzarin, V., Freina, L., Borghi, A., Nicoletti, R. (2006). La neve è sempre bianca, il sangue sempre rosso? E la simpatia com'è? Una ricerca su concetti e effetto Stroop. Genova, III convegno nazionale di scienze cognitive, October 26-27 2006.
66. A. Borghi (2006). Oggetti, affordances e categorizzazione. Simposio Affordances: tra percezione e azione. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
65. A. Borghi, C. Bonfiglioli, P. Ricciardelli, S. Rubichi, R. Nicoletti. (2006) Categorizzazione e manipolabilità. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
64. Borghi, A., Di Ferdinando A., Tsiotas G., Parisi, D. (2006). Compatibilità visuomotoria: Uno studio di Vita Artificiale. III WORKSHOP ITALIANO DI VITA ARTIFICIALE. Wiva3. Siena, September 12-15 2006.
63. C. Scorolli, A. Borghi. (2006) Comprensione di frasi e sistema motorio. Modulazioni in funzione dell'effettore. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
62. V. Bazzarin, A. Borghi, R. Nicoletti, A. Tessari. (2006) Affordances: Via diretta o via semantica? Uno studio con oggetti con dimensioni modificate. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
61. R. Lorenzetti, A. Borghi, R. Nicoletti, S. Stame (2006). Effetti dell'arousal empatico sul focus attentivo e sul ricordo in narrazioni autobiografiche. AIP, Sez. di Psicologia Sperimentale, Rovereto, September 13-15 2006.
60. Borghi, A., Riggio, L., Oggianu, L. (2006). Objects and affordances:

Language and Simulation. Fifth Annual Summer Interdisciplinary Conference, ASIC, Åndalsnes, Norway

59. Lorenzetti, R., Stame, S., Borghi, A. & Nicoletti, R. (2006). In and out of focus. Attention and empathy in autobiographical memory. *Toward a science of consciousness 2006*, April 4-8, Tucson, Arizona.
58. Trentin, G., & Borghi, A. (2006). Esperti e non esperti nell'interazione con l'hardware: il ruolo delle "affordances". VII Congresso Nazionale SIE, Società italiana di ergonomia, L'ergonomia tra innovazione e progetto, Sistemi di lavoro e stili di vita. Milano, 9-10 February 2006.
57. Borghi, A., Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S., Nicoletti, R. (2005). Vedere prima una mano e poi un oggetto: Attiviamo informazioni sull'interazione con gli oggetti? *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Cagliari, 17-20 September 2005.
56. Scorolli, C., Borghi, A. (2005). Comprensione di frasi e sistema motorio: Effetti di interferenza specifici per effetto. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Cagliari, 17-20 September 2005.
55. Bruzzo, A., Borghi, A., Ghirlanda, S. (2005). Dare un senso alle azioni: Effetti di prospettiva. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Cagliari, 17-20 September 2005.
54. Borghi, A., Bonfiglioli, C., Lugli, L., Ricciardelli, P., Rubichi, S., Nicoletti, R. (2005). Visual hand primes and manipulable objects. XXVII Annual Conference of the Cognitive Science Society. Stresa, July 21-23, 2005.
53. Tsiotas, G., Borghi, A., Parisi, D. (2005). Objects and affordances: An Artificial Life simulation. Poster presented at the XXVII Annual Conference of the Cognitive Science Society. Stresa, July 21-23, 2005.
52. Borghi, A. (2005). Object concepts and action. Summer School Neural network models of perception, action and embodied knowledge, Bologna, July 12-19, 2005.
51. Borghi, A. (2005). Object concept nouns and motor information. Amsterdam, July 6-9, 2005. Fifteenth Annual Meeting of the Society for Text and Discourse, Symposium Perception and Action in Language Processing, Organizers: Rolf Zwaan, Katja Wiermer-Hastings.
50. Tsiotas, G., Borghi, A.M., Parisi, D. (2005). Tipi di prensione ed effetti di compatibilità: Una simulazione connessionista. Roma, ISTC-CNR, 3-5 March 2005.
49. Borghi, A.M. (2004). Concetti di oggetti e informazione motoria. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Siacca, 18-20 September 2004.
48. Lugli, L., Borghi, A.M., Bonfiglioli, C., Ricciardelli, P., Rubichi, S. & Nicoletti, R. (2004). Pre-stimoli visivi e informazione motoria sugli oggetti. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Siacca, 18-20 September 2004.
47. Borghi, A.M., Bonfiglioli, C., Ricciardelli, P., Rubichi, S. & Nicoletti, R. (2004). Do we access objects manipulability while we categorize? *ILCC 2004, International Language and Cognition Conference*. Pacific Bay Resort, Coffs Harbour, Australia, 10-12 September 2004.
46. Borghi, A.M. (2004). Do object concepts incorporate motor information? 21th Annual Workshop of the European Society for the Study of Cognitive Systems. Genova, 4/6 July 2004.
45. Borghi, A.M. (2004). Concepts and affordances. Third Annual Summer Interdisciplinary Conference (ASIC). Cavalese, Italy. June 27th – July 2nd, 2004.
44. Borghi, A.M. (2004) The body's contribution to object concepts: Why sensorimotor and cognitive processes cannot be separated. International Colloquium Conceptual structures and categorical perception. The emergence of order in human cognition. Rome, 28-29 May 2004.
43. Borghi, A.M., Di Ferdinando, A. & Parisi, D. (2004). Oggetti e affordances: Uno studio connessionista. In *Atti del II Convegno Nazionale dell'Associazione Italiana di Scienze Cognitive (AISC)*. (pp. 184-186). Ivrea: Interaction Design Institute. Ivrea, 18/20 March 2004.

42. Setti, A., Caramelli, N. & Borghi, A.M. (2004). Information about size in concepts of different ontological kinds. *Trends in European Cognitive Psychology*. Naples, 19 March 2004.
41. Acerra, F., Di Ferdinando, A., Borghi, A.M. & Parisi, D. (2003). Computational models of sensorimotor processes (talk within the Symposium Action Simulation, Organizers G. Knoblich & J.Proust). In F. Schmalhofer, R.M. Young & F. Katz, *Proceedings of the Meeting of the European Society of Cognitive Science, Osnabrück 2003* (pp.34). London: Erlbaum.
40. Setti, A. & Borghi, A.M. (2003). Information about motion in concepts of different ontological kinds In F. Schmalhofer, R.M. Young & F. Katz, *Proceedings of the Meeting of the European Society of Cognitive Science, Osnabrück 2003* (pp.438). London: Erlbaum.
39. Di Ferdinando, A., Borghi, A.M. & Parisi, D. (2003). Categorizzazione e azione: uno studio con simulazioni di Vita Artificiale. Abstracts del I Workshop Italiano di Vita Artificiale, Cosenza, September 2003.
38. Borghi, A.M., Glenberg, A.M. & Kaschak, M. (2003). Concepts and action. *Proceedings of the European Workshop of Imagery and Cognition, 9th EWIC 2003, Pavia, 25-27 aprile 2003*, p.82.
37. Iachini, T., & Borghi, A.M. (2003). Conceptualization and sensorimotor interaction with objects. *Proceedings of the European Workshop of Imagery and Cognition, 9th EWIC 2003, Pavia, 25-27 aprile 2003*, p.83.
36. Borghi, A.M. (2002). Concetti e azione: il ruolo delle parti come guide per agire. Pdf. Università degli studi di Trento, *Book of Abstracts*, Convegno Nazionale della Società di Scienze Cognitive, Rovereto (Trento), 20 e 21 settembre 2002, pp. 20-22. Papers
35. Borghi, A.M., Parisi, D. & Di Ferdinando, A. (2002). Livelli gerarchici e azione: uno studio connessionista. In P. Garotti (ed.), *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale, Riassunti delle comunicazioni*, Bellaria-Rimini, 16-18 settembre 2002, edizioni Nautilus: Bologna, pp. 70-72.
34. Borghi, A.M. & Barsalou, L.W. (2002). Prospettive nella concettualizzazione. In P. Garotti (ed.), *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale, Riassunti delle comunicazioni*, Bellaria-Rimini, 16-18 settembre 2002, edizioni Nautilus: Bologna, pp. 94-96.
33. Borghi, A.M. (2002). Categorization and action. First Annual Summer Interdisciplinary Conferencen, Squamish, British Columbia, Canada. Tuesday, July 30 - Monday, August 5, 2002.
32. Borghi, A.M. & Barsalou, L.W. (2001). Perspective in the conceptualization of categories. *Abstracts, Psychonomic Society*, Orlando, USA.
31. Borghi, A.M. & Caramelli, N. (2001b). Perceptual components in concepts. In Eight European Workshop on Imagery and Cognition – EWIC 2001. Volume of Abstracts. Palais du Grandd Large. Saint-Malo, France. 1-3 April 2001. pp. 34.
30. Borghi, A. & Caramelli, N. (2001c). Which fruit is a fruit? *Twelfth Conference of the European Society for Cognitive Psychology (ESCOMP)*, Edinburgh, Scotland, September 2001.
29. Borghi, A., Caramelli, N. & Setti, A. (2001). Variabilità dell'organizzazione della conoscenza e tipo di expertise. In B. Pinna (ed.), *AIP, Congresso nazionale della sezione di psicologia sperimentale, Riassunti delle comunicazioni*. Sassari: Editrice Democratica Sarda, p. 95-97.
28. Borghi, A., Di Ferdinando, A. & Parisi, D. (2001a). Perception and action in object categorization. *NCPW7, Seventh Neural Computation and Psychology Workshop, Connectionist Models of Cognition and Perception*, Brighton, UK.
27. Borghi, A., Di Ferdinando, A. & Parisi, D. (2001b). Artefatti e oggetti naturali nei modelli connessionisti. In B. Pinna (ed.), *AIP, Congresso nazionale della sezione di psicologia sperimentale, Riassunti delle comunicazioni*. Sassari: Editrice Democratica Sarda, p. 62-64.
26. Caramelli, N. & Borghi, A. (2001). The specificity of Goal derived categories. *International Conference on Memory*, Valencia, Spain, July 2001.

25. Setti, A., Borghi, A. & Caramelli, N. (2001). Is There a Primacy of Thematic Relations in Conceptual Organisation? *Twelfth Conference of the European Society for Cognitive Psychology (ESCAP)*, Edinburgh, Scotland, September 2001.
24. Setti, A., Caramelli, N. & Borghi, A. (2001). Is animacy a dimension of different kinds of concepts? *International Conference on Memory*, Valencia, Spain, July 2001.
23. Borghi, A.M. & Caramelli, N. (2000a). Concetti e scopi. In B. Pinna (a cura di). Congresso Nazionale della Sezione di Psicologia Sperimentale. Riassunti delle Comunicazioni. Alghero 2000. Alghero, 24-26 settembre 2000. Sassari: Carlo Delfino Editore, pp. 150-152.
22. Borghi, A.M. & Caramelli, N. (2000). Do event planning and event description elicit a different kind of information? *International Journal of Psychology*, 35, 3-4, 364.
21. Caramelli, N., Borghi, A. (2000). The role of head nouns in conceptual combination. In ISAPL 2000. VIth International Congress of the International Society of Applied Psycholinguistics. 28 June-1 July, 2000. University of Caen, France. Abstracts, pp. 57. Caen.
20. Borghi, A., Caramelli, N. (1999a). Is an apple the same for a student, a farmer, and a greengrocer? In Abstracts – VI European Congress of Psychology – July 4th-9th 1999 – Rome, Italy. Rome, p. 75.
19. Borghi, A.M., Caramelli, N. (1999b). Animacy in children’s narratives. In Abstracts. VIIIth International Congress for the Study of Child Language. 12-16 July, 1999. San Sebastian, Basque Country. Servicio Editorial de la Universidad de País Vasco: Zarautz, p. 55.
18. Caramelli, N., Borghi, A. (1999). Imagery in literal and metaphorical sentences. In J. Richardson (ed.), 7EWIC. Proceedings of the Seventh European Workshop on Imagery and Cognition. 12-15 July 1999. Brunel University: Uxbridge, Middlesex, p.17.
17. Borghi, A.M., Caramelli, N. (1998a). What kind of information is elicited by goal derived categories? Jerusalem, ESCOP Conference.
16. Borghi, A.M., Caramelli, N. (1998b). Categorie Tassonomiche Comuni e Categorie Goal Derived: un confronto. In Congresso nazionale della sezione di psicologia sperimentale, Firenze '98 - Riassunti. 28-30 settembre 1998. Florence, pp. 178-179.
15. Caramelli, N., Borghi, A.M. & Tison, C. (1998a). The textual pre-conditions for action narration in children’s story construction. Abstracts - International Conference Children’s discourse from a narrative perspective - Action and consciousness in story construction. Kazimierz Dolny, Poland, September 17-21. Warsaw, 1998.
14. Borghi, A.M., Caramelli, N. (1997). Are there different kinds of location for different kind and different level categories?. Abstracts, Fifth European Congress of Psychology, July 6th-11th, Dublin, Ireland. Dublin: Psychological Society of Ireland, p. 171.
13. Caramelli, N., Borghi, A.M. (1997). Are image metaphors easier to comprehend than conceptual ones? Proceedings, 6th EWIC, Sixth European Workshop on Imagery and Cognition, Oslo, Norway, 9. to 13. August 1997. Oslo, p.36.
12. Caramelli, N., Borghi, A. & Raffaelli, K. (1997). Association and definition in school-age children. Abstracts, ISAPL '97. 5th International Congress of the International Society of Applied Psycholinguistics, 25-27 June 1997. Porto, p. 24.
11. Caramelli, N., Borghi, A.M. & Calisesi, P. (1997). Esistono tipi diversi di concetti complessi? In Giovanna Nigro (a cura di).- Congresso Nazionale della Sezione di Psicologia Sperimentale, Capri '97- Riassunti delle comunicazioni. Neaple, p. 108-110
10. Borghi A., Caramelli N. (1996). Superordinate and basic concepts in different contexts. *International Journal of Psychology*, 31: Abstracts of the XXVI International Congress of Psychology, Montreal, 16-21 August. Montreal, p. 72.

9. Borghi, A., Caramelli, N. (1995). La collocazione dei concetti nello spazio. In S. Contento e P.L. Garotti (eds), Associazione Italiana di Psicologia, Sezione Ricerca di Base in Psicologia Congresso Nazionale - Cesena, 18-20 settembre 1995 - Riassunti delle comunicazioni. Cesena, pp.96-98.
8. Caramelli, N., Turrini, G., Borghi, A., Lanzetta, E. & Raffaelli, K. (1996). Children's conceptual organization and definitions. Abstracts - VIIth International Congress for the Study of Child Language, Istanbul, 14-19 July 1996. Istanbul, pp. 294-297.
7. Caramelli, N., Borghi, A. (1995). Conceptual knowledge - its relational structure. Abstracts - IV European Congress of Psychology, Atene, 2-7 luglio 1995. Athen: Ellinika Grammata, pp. 85-86.
6. Caramelli, N., Borghi, A. (1994). Confini tra categorie naturali: un problema aperto. In Zammuner, V. (a cura di): XIII Congresso della Divisione Ricerca di Base della SIPS - Riassunti delle comunicazioni, Padua, pp. 117-118.
5. Caramelli, N., Borghi, A. & Raffaelli, K. (1994). How the linguistic description of a story changes with age. Abstracts of the First Lisbon Meeting on Child Language, Lisboa, p. 41.35.
4. Caramelli, N., Borghi, A., Turrini, G. & Lanzetta, E. (1994) The relational structure of conceptual knowledge. Abstracts of the 23rd International Congress of Applied Psychology, Madrid, 17-24 July. Madrid, pp. 80-81.
3. Caramelli, N., Borghi, A. (1993). Il contesto nella comprensione di metafore negative. Riassunti delle comunicazioni, XII Congresso Nazionale della Divisione Ricerca di Base in Psicologia, Società Italiana di Psicologia. Rome: pp. 79-80.
2. Caramelli, N., Borghi, A. & Moè, A. (1993). Modality of presentation and memory for literal and metaphorical sentences. Summaries del Workshop on Memory and Mental Representations, Rome, 23-24 September. Rome, pp. 99-104.
1. Borghi, A. Caramelli, N., (1992). Metaphor as a memory strategy. Abstracts of the Workshop on Memory strategies: theory and application, Trieste, 6-7 November, p.1.

Roma, January 21, 2017

Alessia M Borghi