

Anna M. Borghi – Curriculum Vitae

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1) CONTACTS

Anna M. Borghi
Department of Psychology, University of Bologna
Viale Berti Pichat, 5 - 40127 - Bologna - Italy
phone: +39-051-2091838, fax: +39-051-243086
Email: annamaria.borghi@unibo.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 +39-06-49936279

Home address:
in Bologna: Via di Casaglia 34/6, Bologna
in Rome: Via Carlo Spinola 5, Roma

Web-page: <http://laral.istc.cnr.it/borghi>

Research groups :
www.emco.unibo.it
<http://laral.istc.cnr.it>

Web page European project: www.rossiproject.eu

2) EDUCATION AND RESEARCH EXPERIENCE

Degrees

- 1992-97 PHD in Experimental Psychology, Department of Psychology, University of Bologna.
PhD Dissertation: (1997). Struttura e funzione nella concettualizzazione. Il ruolo della percezione, del linguaggio e della conoscenza.
- 1988-1990 PHD courses in Germanistics, Philosophy, and History, University of Freiburg in Breisgau, Germany.
- 1987 Laurea (Master Degree) in Philosophy, summa cum laude, University of Bologna. Thesis in Psychology.
- 1983 Diploma di maturità classica, Liceo classico L.A. Muratori, Modena (55/60)

Positions

- October 2005 – present – Associate Professor, University of Bologna**, Faculty of Literature and Philosophy, Department of Psychology.
- 2001- present – Associate Researcher – Institute of Science and Technologies of Cognition (ISTC), CNR, Rome**
- 2002 – Sept. 2005 - Permanent Researcher / Assistant Professor, University of Bologna, Department of Psychology.
- 1999-2002 - Researcher/Assistant Professor, University of Bologna, Department of Psychology
- 1998-1999 - Post-doctoral fellow in Psychology, University of Bologna
- 1996-1998 – High School teacher
- 1992-1996 - Graduate student (PhD) in Psychology, University of Bologna
- 1992 Abilitazione Materie Letterarie nella scuola media
- 1992 Abilitazione Storia e Filosofia
- 1992 Abilitazione e vincita di Concorso Materie Letterarie nelle scuole superiori (1992)
- 1989-1992: Editors Panini (Modena) and Malipiero (now Franco Panini ragazzi), Bologna: psychological analysis of characters and editorial activity.

Grants received during education

- 1988-89 – Erasmus grant, University of Bologna - University of Freiburg in Breisgau, Germany
- 1992-1996 – PhD grant, University of Bologna
- 1997 – Short-Term Mobility grant for researchers, National Research Council, Italy ->University of Chicago, Illinois, USA
- 1998 – 1999 Post-doctoral grant, University of Bologna
- 2002 – Marco Polo grant, University of Bologna -> University of Wisconsin, Madison, USA

Permanence abroad

- During the PhD: University of Chicago, Illinois, USA (collaboration with prof. L.Barsalou)
- During post-doc: Emory University, Atlanta, USA (collaboration with prof. L.Barsalou)
- After post-doc: University of Wisconsin, Madison, USA (collaboration with prof. A.Glenberg)

3) FUNDING / COORDINATION

Since 2000 RFO funds 60%, University of Bologna

2006-08 PRIN funds. coordination of the Bologna – Department of Psychology Unit. Project on *Language, objects and motor system: the role of affordances*. In collaboration with: University of Milano Bicocca (coordinator Natale Stucchi), University of Parma, Dept. of Neuroscience (coordinator Lucia Riggio), University of Bologna, Department of Communication Disciplines (coordinator Roberto Nicoletti).

March 2008 – 2011. Coordination of the **ROSSI project, Emergence of communication in RObots through Sensorimotor and Social Interaction** (EU, FP7, call Cognitive Systems and Robotics.)

Abstract of the ROSSI project

Starting from the assumption that cognition is embodied, the ROSSI project addresses the question how the possibility of communication between agents (e.g. humans and robots) is affected by differences in sensorimotor capacities. This is an important issue, given that robots are expected to become more common in nonstructured environments, such as homes or hospitals. While there is a trend towards humanoid robots, it is clear that for the foreseeable future there will still be substantial differences in physical embodiment between robots and humans.

To explore to what extent concepts must be shared to facilitate communication, we will build robots with sensorimotor systems structurally roughly similar to human beings. Furthermore, the control mechanisms for these robots will be based on insights into the neural mechanisms underlying human concepts and language.

In particular, two types of neurons in premotor cortex will be modelled: (1) canonical neurons, which are active during both the execution of specific object-directed actions and the mere visual observation of the same objects, and (2) mirror neurons, which are involved in both an agent's own actions and the visual observation of such actions performed by others.

In this framework, the project's aims are twofold. First, behavioural and neurophysiological experiments will provide new evidence and insights into the grounding of human conceptualization and language. Second, computational modelling of the underlying neural mechanisms will provide novel approaches to grounding of robotic conceptualization and language.

More specifically, the project aims at building robots endowed with the sensorimotor and neural/computational mechanisms that allow them to: (a) flexibly manipulate and use objects in the environment, (b) use a simple form of language, i.e. nouns and verbs referring to objects and object-oriented actions, (c) use such concepts and verbal labels in social interaction with humans.

List of beneficiaries

1. (coordinator) - Alma Mater Studiorum – Università di Bologna - UNIBO Italy (prof. Borghi, Nicoletti, Tessari, Ghirlanda, Parisi)
- 2 Università degli Studi di Parma PRM Italy (Prof. Buccino, Riggio, Gallese)
- 3 Universität zu Lübeck ITM Germany (prof. Binkofski)
- 4 Höskolan i Skövde HIS Sweden (prof. Ziemke)
- 5 Middle East Technical University METU Turkey (prof. Sahin)
- 6 Aberystwyth University AU United Kingdom (prof. Lee)

4) AFFILIATIONS AND EDITORIAL ACTIVITY

Affiliations - Professional societies:

Associazione Italiana di Psicologia (AIP), Sezione di Psicologia Sperimentale

Società Italiana di Scienze Cognitive (AISC) –

2001- 2002: member of the organizing committee

2007-now: member of the governing board

Cognitive Science Society

European Society of Cognitive Psychology

Journals Editorial board

Editorial board:

Sistemi intelligenti

RIFL, Rivista Italiana di Filosofia del linguaggio

Board of reviewers:

Journal Cognitive Science (since 2008, for 4 years)

“Comitato di redazione”:

Teorie e modelli (2005-2008)

Occasional reviewer for:

- Acta Psychologica
- Behavioral and Brain Research
- Brain and Cognition
- British Journal of Experimental Psychology
- Cognition
- Cognitive Science (board of reviewers)
- Experimental Psychology
- European Journal of Cognitive Psychology
- European Journal of Social Psychology
- Giornale Italiano di Psicologia
- Human Brain Mapping
- Learning and Instruction
- Journal of Experimental Psychology: Learning, Memory and Cognition
- Journal of Experimental Social Psychology
- Journal of Neurolinguistics
- Learning and Instruction
- Neuropsychologia (guest editor of a special issue)
- New Ideas in Psychology
- PIONEER
- Proceedings of the Cognitive Science Society
- Psychological Research
- Psychonomic Bulletin & Review
- Quarterly Journal of Experimental Psychology

Organization

- June 2008. Summer School THE SENSE OF BODY (Department of Psychology, University of Bologna, June 2008) – co-organized with Andrea Serino, Alessia Tessari, Manos Tsakiris. Funding: project selected and funded by ISA (Istituto di Studi Avanzati, Università di Bologna), funds by the European Science Foundation.

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

- July 2005. Summer School Neural network models of perception, action and embodied knowledge (Department of Psychology, University of Bologna, July 13-19, 2005) – co-organized with Stefano Ghirlanda

Conference scientific committees:

November 2007. IV convegno nazionale di Scienze Cognitive. Tavola rotonda su Cognizione, complessità, cittadinanza.

- 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.

- September 2006. Scientific Committee. III WORKSHOP ITALIANO DI VITA ARTIFICIALE. Wiva3 - Siena, 12-15 settembre 2006.

April 2006. Program Committee - iccm2006 The 7th International Conference on Cognitive Modeling – Trieste, Italy, 5-8 April 2006.

- March 2005. Scientific committee. II WORKSHOP ITALIANO DI VITA ARTIFICIALE. ROMA, ISTCCNR. 3-5 MARZO 2005

- September 2003. Scientific committee. I WORKSHOP ITALIANO DI VITA ARTIFICIALE. Università della Calabria, Cosenza, 5-6- settembre 2003

5) COURSES AND SEMINARS

Courses

- University of Trieste, Course of General Psychology, Corso di Laurea Specialistica interateneo in Scienze della Riabilitazione (Sede di Udine), Facoltà di Medicina e Chirurgia, 2009-2010
- University of Bologna, course of Psychology of Intercultural Communication, Faculty of Letters and Philosophy (students of Communication Sciences): 2009-2010.
- University of Bologna, course of General Psychology, Faculty of Letters and Philosophy (students of Philosophy, Literature, Anthropology): 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09.
- University of Trieste, Course of General Psychology, Specialistica in Fisioterapia, Facoltà di Medicina e Chirurgia
- University of Bologna, course of Cognitive Psychology, Faculty of Letters and Philosophy (students of Communication Sciences): 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-2010.
- University of Bologna, laboratory of Cognitive Processes, Department of Communication Sciences (students of Communication Sciences): 2001-02, 2002-03, 2003-04, 2004-05 (co-taught with Giorgio Tsiotas), 2005-06, 2009-2010.
- University of Bologna: Cognitive Psychology for teachers (students SISS), 1999-2000, 2000-01, 2001-02, 2002-03, 2004-05, 2005-06, 2006-07, 2007-08.
- University of Bologna: module of Psycholinguistics on The evolution of language, 2001-2002.

Seminars

- Seminar on Object concepts and motor activity. University of Trieste, 2005, 2006 (Master in Fisioterapia).
- Seminar on Language evolution and conceptual development, 2000, University of Bologna.
- Seminar on Knowledge organization: concepts and categories, 1998, University of Bologna.
- Seminar on Conceptualization and categorization, 1997, University of Bologna.
- Seminars on Method in research on categorization, with N.Caramelli, 1995-96; 1996-97; 1997-98; 1998-99; 1999-2000; 2001-02

OTHER EXTENDED WORK EXPERIENCE BESIDES UNIVERSITY RESEARCH AND TEACHING

1990 - Editor Panini, Modena - editorial activity

1991 - Editor Malipiero, Bologna – editorial activity

1991-1995 consulting activity by Panini Editor, Modena

1996-1999 teaching activity in high-schools: Materie Letterarie, Liceo Scientifico Morandi, Finale Emilia

6) PUBLICATIONS

Scientific books in Italian

4. Liuzza, MT., Cimatti, F., Borghi, A.M. (in press). *Lingue, corpo e pensiero. (Languages, body and thought)*. Roma: Carocci.
3. Nicoletti, R. & Borghi, A.M. (2007). *Il controllo motorio. (Motor control)*. Bologna: Il Mulino.
2. Borghi, A.M. & Iachini, T. (eds.) (2002). *Scienze della mente. (Sciences of Mind)*. Bologna: Il Mulino. (2nd edition, 2004).
1. Borghi, A.M. (1996). *L'organizzazione della conoscenza. Aspetti e problemi. (Knowledge organization. Aspects and problems)*. Bologna: Pitagora Editrice.

Papers in scientific journals in English

- 25. Anelli, F., Nicoletti, R., Borghi, A.M., (accepted). What about object consistence? *Acta Psychologica*.
- 24. Borghi, A.M., Cimatti, F. (in press). Embodied cognition and beyond: Acting and sensing the body. *Neuropsychologia*.
- 23. Setti, A., Caramelli, N., Borghi, A.M. (in press). Conceptual information about size of objects in nouns. *European Journal of Cognitive Psychology*.
- 22. Pellicano, A., Iani, C., Rubichi, S., Ricciarelli, P., Borghi, A.M., & Nicoletti, R. (in press). Real life motor training modifies spatial performance: The advantage of being drummers. *American Journal of Psychology*.
- 21. 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.
- 20. Setti, A., Borghi, A.M., Tessari, A. (2009). Moving hands, moving entities. *Brain and Cognition*, 70, 253-258.
- 19. 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.
- 18. Borghi, A.M., Riggio, L. (2009). Sentence comprehension and simulation of objects temporary, canonical and stable affordances. *Brain Research*, 1253, 117-128.
- 17. Scorolli, C., Borghi, A.M., Glenberg, A.M. (2009). Language-induced motor activity in bimanual object lifting. *Experimental Brain Research*, 193, 43-53.
- 16. Borghi, A.M., Scorolli, C. (2009). Language comprehension and hand motion simulation. *Human Movement Science*, 28, 12-27.
- 15. Bruzzo, A., Borghi, A.M., Ghirlanda, S. (2008). Hand-object interaction in perspective. *Neuroscience Letters*, 441, 61-5.
- 14. Passini, S., Strazzari, F., Borghi, A.M. (2008). Icon-function relationship in toolbar icons. *Displays*, 29, 521-525.
- 13. Iachini, T., Borghi, A., Senese, P. (2008). Categorization and sensorimotor interaction with objects. *Brain and Cognition*, 67, 31-43.
- 12. Borghi, A.M., Scorolli, C. (2008). 'Language and embodiment'. *Anthropology and Philosophy*, 9 (1-2), pp. 7-23.
- 11. 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.
- 10. Scorolli, C., Borghi, A. (2007). Sentence comprehension and action: Effector specific modulation of the motor system. *Brain research*, 1130, 119-124.
- 9. Borghi, A., 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.
- 8. Borghi, A., Scorolli, C. (2006). Object concepts and mental images. *Anthropology & Philosophy, A&P*, 7, 1-2, 64-74.

- 7. 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, 35-36.
- 6. Borghi, A.M., Caramelli, N., & Setti, A. (2005). Conceptual information on objects' locations. *Brain and Language*, 93, 140-151.
- 5. Borghi, A.M., Parisi, D., & Di Ferdinando, A. (2005). Action and hierarchical levels of categories: A connectionist perspective. *Cognitive Systems Research*, 6, 99-110.
- 4. Borghi, A.M., Glenberg, A., Kaschak, M. (2004). Putting words in perspective. *Memory and cognition*, 32, 863-873.
- 3. Borghi, A.M. (2004). Object concepts and action: Extracting affordances from objects' parts. *Acta Psychologica*, 115, 1, 69-96.
- 2. Borghi, A.M. & Caramelli, N. (2003). Situation bounded conceptual organization in children: From action to spatial relations. *Cognitive Development*, 18, 40-60.
- 1. Caramelli, N., Borghi, A.M., Tison, C. (1998). The textual pre-conditions for action narration in children's story construction. *Psychology of Language and Communication*, 2, 2, 47-56.

Papers in scientific journals in Italian

- 17. Borghi, A.M. (in press). Parole, non simboli. Commento a Paternoster. *Sistemi intelligenti*.
- 16. Borghi, A.M. (in press). Comprensione del linguaggio: movimento, azione, socialità. *Teorie e modelli*.
- 15. Borghi, A.M., Montanari, F., Sarti, A. (2008). Il corpo clandestino. *Sistemi intelligenti*, 2, 341-346.
- 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.
- 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. (Object concepts and function: Role of canonical function and contextual effects. *Italian Journal of Psychology*).
- 12. Borghi, A.M. (2007). Object concepts and embodiment: Why sensorimotor and cognitive processes cannot be separated. *La nuova critica*, 49-50, 90-107.
- 11. Borghi, A.M. (2006). Vita Artificiale e comportamento: Simulazioni su categorizzazione e azione. *Sistemi Intelligenti*, 18, 125-132.
- 10. Caramelli, N., Borghi, A.M., Setti, A. (2006). The identification of definition strategies in children of different ages. *Linguistica Computazionale*, 26, 155-177.
- 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.
- 8. Borghi, A.M. & Iachini, T. (2003). Risposta a Cristiano Castelfranchi. *Teorie e modelli*, VIII, 2, 107-113.
- 7. Borghi, A. (2000). Le menzogne della mente. Recensione a *Mente* di Domenico Parisi. *Ricerca e Futuro*, 18, 107-108.
- 6. Caramelli, N., Montanari, A., Borghi, A.M. (1998). La conoscenza extralinguistica nella comprensione delle metafore nei bambini. *Età evolutiva*, 59, 1, 108-114.
- 5. Caramelli, N., Borghi, A. (1997b) L'organizzazione concettuale infantile: relazioni tematiche, tassonomiche e partonomiche. *Ricerche di psicologia*, III, 7-31.
- 4. Caramelli, N., Borghi, A. M. (1997a). L'organizzazione concettuale infantile: La struttura gerarchica delle categorie tra percezione e conoscenza. *Ricerche di Psicologia*, II, 21, 7-31.
- 3. Caramelli, N., Borghi, A. M. (1995). La psicologia a Würzburg: il carattere teleonomico e selettivo del pensiero, *Axiomathes*, VI, 3, 349-374.
- 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.
- 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.

Book chapters or papers on peer-reviewed proceedings in English

- 13. 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.
- 12. 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: Proceedings of the 11th Neural Computation and Psychology Workshop* (pp. 15-26). Singapore: WorldScientific.
- 11. 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.
- 10. 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 Meeting of the European Society of Cognitive Science, Delphi 2007*. London: Erlbaum.
- 9. Borghi, A., Bonfiglioli, C., Lugli, L., Ricciarelli, 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.
- 8. 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.
- 7. 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 University Press.
- 6. Caramelli, N. & Borghi, A.M. (2004). The role of head nouns in conceptual combination. In J. Drevillon, J.Vivier, A. Salinas (Eds.), *Psycholinguistics. A multidisciplinary science – Proceedings of the Vith ISAPL international congress* (Caen, June 28-July 1st 2000) (pp. 87-92). Paris: Europaia.
- 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.
- 4. 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.
- 3. 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).
- 2. 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.
- 1. Caramelli, N., Borghi, A.M., Raffaelli, K. (1999). Association and definition in school age children. Psycholinguistics on the threshold of the year 2000. *Proceedings of the 5th International Congress of the International Society of Applied Psycholinguistics*. Porto: Faculdade de Letras de Unniversidade do Porto, pp. 275-279.

Book chapters in Italian

- 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.
- 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 Schönplflug W. e Schönplflug U. (a cura di), *Istituzioni di psicologia generale*, III Italian edition edited by M. Olivetti Belardinelli e C. Fiorilli. Padova: Cedam, pp. 237-252.
- 1. Caramelli, N., Borghi, A., 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.

Published reports (Contributi della Cattedra di Psicologia dell'Università di Bologna, Facoltà di Lettere e Filosofia.)

11. Peraita, H., Caramelli, N., Borghi, A.M., Mattioli, A. (1999). Action and event planning in Spanish and Italian people of different social class.
10. Caramelli, N., Borghi, A.M., Calisesi, P. (1999). Esistono tipi diversi di concetti complessi?
9. Borghi, A.M. (1998a). Rilevanza dello studio sulla categorizzazione per la pratica didattica.
8. Borghi, A.M. (1998b). Un'applicazione delle categorie psicologiche di stereotipo e pregiudizio all'indagine storica: Duehring e l'antisemitismo.
7. Borghi, A.M. (1998c). La storia della psicologia e l'opera di Droysen: la prospettiva storicista.
6. Borghi, A., Caramelli, N. (1998). What kind of information is elicited by goal derived categories?
5. Caramelli, N., Borghi, A. (1998a). Thematic and taxonomic conceptual organization in children and adults.
4. Caramelli, N., Borghi, A. (1998b). Metafore affermative e negative precedute da contesti.
3. Caramelli, N., Borghi, A., Raffaelli, K. (1998). Association and definition in school-age children.
2. Caramelli, N., Borghi, A.M., Tison, C. (1998). The textual pre-conditions for action narration in children's story construction.
1. Borghi, A. (1991). La scuola di Würzburg e l'idea della direzionalità del pensiero.

OTHER

Not scientific books (language acquisition in children, second language learning, texts for children books)

- Mesina, C. & Borghi, A.M. (1993, 2001). *Superlearning Italienisch. Grundkurs und Uebungsheft mit Schluessel*. Gundelfingen, DE: Phonodidact. Verlag fuer Moderne LernSysteme.
9. *PER LE STRADE DELLA CITTA': IL CENTRO*. Testi di Anna Borghi. Franco Panini Ragazzi, 1996.
 8. *PER LE STRADE DELLA CITTA': IL PARCO*. Testi di Anna Borghi. Franco Panini Ragazzi, 1996.
 7. *PER LE STRADE DELLA CITTA': LA FIERA*. Testi di Anna Borghi. Franco Panini Ragazzi, 1996.
 6. *Attenti al topo!* Svjettlan Junakovic ; [testi di Anna Maria Borghi]. - Modena : Franco Panini ragazzi [1993][1994].
 5. *C'era una volta ?!* Svjettlan Junakovic ; [testi di Anna Maria Borghi]. - Modena : Franco Panini ragazzi [1994]. -
 4. *Disney in festa!* ideazione e progettazione Paola Sivieri ; realizzazione grafica Mauro Francia ; testi Anna Borghi. - [Ozzano Emilia : Malipiero], [1994].
 3. *Poppy!* ideazione e progettazione: Piera Cipriani ; testi: Anna Borghi ; illustrazioni: Francesco Cavalcoli e Mirella Monesi. - Ozzano Emilia : Franco Panini ragazzi, c1992
 2. Borghi, A.M. (1992) *A SCUOLA CON SAD SAM. Imparo a scrivere con Sad Sam*. Bologna: Franco Panini.
 1. Borghi, A.M. (1992) *A SCUOLA CON SAD SAM. Imparo a contare con Sad Sam*. Bologna: Franco Panini.

Articles on scientific journals not related to psychology

Anna Borghi, Michele Gianfelice (2005). Un profilo del movimento dei docenti-ricercatori bolognesi. In *Inchiesta*, a cura di AnnaCarola Freschi e Rete Nazionale Ricercatori Precari, Nodi di Firenze e Ferrara. *Inchiesta*, ottobre-dicembre 2005, pp.95-96.

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, Università 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. 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. Borghi, A.M. Concetti, azione, imitazione, apprendimento motorio, Master **Le basi neurocognitive della riabilitazione motoria**, Università di Trieste. September 17, 2006.
- 2007. Borghi, A.M. Objects, words and action. Invited talk at the **CNRs Laboratoire de Psychologie et Neurocognition (CNRS UMR 5105), Université Pierre Mendès, 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. **Immagini delle strutture, immagini delle funzioni?** Neuroscienze teoriche e applicate. June 5-6, **Noto, CODISCO.**
- 2008. Borghi, A.M. Visuomotor priming and compatibility effects. **Cognitive Neuroscience Conference. 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.**
- 2009, January, Lille, France. Workshop on Motor Representation and language of space, **European Science Foundation.**
- 2009. Ancona, May 23. Lecture on: Embodiment and motor learning. Giornata su: Allenare il cervello. Il contributi delle recenti scoperte delle neuroscienze per l'apprendimento motorio-sportivo. **CONI.**
- 2009. Reggio Emilia, May 25. Borghi, A.M., Perspectives on Embodied and grounded cognition. Workshop/Giornata su **Danza, neuroscienze, transmedialità.**
- **2009. Atlanta, Georgia, USA, September 28-30. Workshop 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.** 3400 Spruce Street, 3 West Gates Bldg, Neurology Conference Room. Title: Seeing hands, seeing objects, seeing words.

Presentations at conferences

106. 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.
105. 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.
104. 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.
103. Gianelli, C., Baroni, G., Lugli, L., Borghi, AM., Nicoletti, R. (2009). Tra me e te: parole e oggetti in interazione. XV Congresso AIP sez. Sperimentale. Chieti, 25-27 settembre.

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, Krakow, September 2-5, 2009.
101. Scorolli, C., Borghi, A.M., Nicoletti. Embodiment and language: Cross-linguistic evidence on abstract and concrete sentences. ESCOP conference, Krakow, 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, Krakow, September 2-5, 2009.
99. Pellicano, A., Iani, C., Rubichi, S., Ricciardelli, P., Borghi, A.M., Nicoletti, R. Real life motor training modifies motor performance: The advantage of being drummers. ESCOP conference, Krakow, 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, Krakow, September 2-5, 2009.
97. Scorolli, C., Borghi, A.M., Nicoletti. Embodiment and language: Cross-linguistic evidence on abstract and concrete sentences. ESCOP conference, Krakow, 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. 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.. 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. *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. 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. 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. 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. 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., Rumiat, 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 effettore. *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 compatibilit : 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*, Sgiacca, 18-20 September 2004.
48. Lugli, L., Borghi, A.M., Bonfiglioli, C., Ricciarelli, P., Rubichi, S. & Nicoletti, R. (2004). Pre-stimoli visivi e informazione motoria sugli oggetti. *AIP – Congresso Nazionale della Sezione di Psicologia Sperimentale*, Sgiacca, 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, Osnabr ck 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, Osnabr ck 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. Universit  degli studi di Trento, *Book of Abstracts*, Convegno Nazionale della Societ  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 (ESCOP)*, 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 (ESCOP)*, 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 Pais 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 Dolmy, Poland, September 17-21. Warshau, 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.
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