

MODELACT Conference  
Action, Language and Cognition

6-7 June 2016 / Rome, P.le Aldo Moro 7 - CNR (Aula Marconi)

Programme

**MONDAY, JUNE 6th**

08:30 Registration

*Opening remarks and introduction*

09:00 - 09:25	Riccardo Pozzo, Director of CNR <i>Department of Social Science and Humanities, Cultural Heritage</i> Alessandro Panunzi (University of Florence) <i>The basic issues of MODELACT project</i>
---------------	---

*Session 1* (chair: Alessandro Panunzi)

09:25 - 10:15	<b>Keynote talk</b> <b>Friedemann Pulvermüller</b> (Freie Universität Berlin) <i>Semantic grounding in mind and brain – is there an alternative?</i>
10:15 - 10:40	Max Garagnani (Freie Universität Berlin) <i>Conceptual grounding of language in action and perception: a neurocomputational model of the emergence of category specificity and semantic hubs</i>
10:40 - 11:05	Mirien Urteaga Aldalur, Itziar Laka (University of the Basque Country) <i>Syntax and the motor system: ERD of the mu wave during natural language syntactic processing</i>

11:05 - 11:20 Coffee break

*Session 2* (chair: Monica Malvezzi)

11:20 - 12:10	<b>Keynote talk</b> <b>Katerina Pastra</b> (CSRI, Athens) <i>Recursion all the way: in Language, Action and Semantic Association</i>
12:10 - 12:35	Irene Russo (ILC-CNR, Pisa) <i>Disambiguating action verbs: the role of objects</i>
12:35 - 13:00	Tommaso Raso, Bruno Rocha (UFMG, Belo Horizonte) <i>Prosody and Pragmatic Constraints in (de)coding verbal actions</i>

13:00 - 14:30 Lunch break

<b>Session 3 - IMAGACT PANEL</b> (chair: Massimo Moneglia)	
14:30 - 14:50	Massimo Moneglia (University of Florence) <i>How languages represent actions. Achievement and perspectives of the IMAGACT ontology</i>
14:50 - 15:10	Girish Nath Jha, Atul Kumar Ojha, Sharmin Muzaffar, Pitambar Behera (JNU, New Delhi) <i>Indo Aryan Languages on IMAGACT</i>
15:10 - 15:25	Lars Hellan (NTNU, Trondheim) <i>Modeling situation types in a multi-resource setting</i>
15:25 - 15:40	Dorothee Beermann (NTNU, Trondheim) <i>Knowledge representation and Action in Language</i>
15:40 - 16:00	Lorenzo Gregori (University of Florence) <i>A new IMAGACT data model to address the action verb translation challenge</i>
16:00 - 16:20	<i>Discussion</i>

16:20 - 16:35	<i>Coffee break</i>
---------------	---------------------

<b>Session 4</b> (chair: Irene Russo)	
16:35 - 17:00	Monica Malvezzi (University of Siena) <i>Mapping human actions to robotic systems, a task based approach</i>
17:00 - 17:25	Filippo Cavallo (Sant'Anna School of Advances Studies, Pisa) <i>Advances in robotics for active and healthy ageing</i>
17:25 - 18:15	<b>Keynote talk</b> <b>Angelo Cangelosi</b> (Plymouth University) <i>Developmental Robotics for Embodied Language Learning</i>

20:30	<i>Social Dinner</i> <b>Pastificio San Lorenzo</b> , via Tiburtina 196 (5 minutes walk from the Conference site)
-------	---

**TUESDAY, JUNE 7th**

<i>Session 5</i> (chair: Olga Capirci)	
09:00 - 10:15	<b>Keynote talk</b> <b>Luciano Fadiga, Alessandro D'Ausilio</b> (University of Ferrara; IIT, CTNSC@UniFe) <i>The common origins of language and action</i>
10:15 - 10:40	Fabio Di Vincenzo <sup>1</sup> , Laura Desirée Di Paolo <sup>2</sup> , Giorgio Manzi <sup>1</sup> ( <sup>1</sup> Sapienza, Rome; <sup>2</sup> University of Göttingen) <i>The role of technology and pedagogy in the evolution of language</i>
10:40 - 11:05	Elena Tomasuolo, Daria Appetiti, Chiara Bonsignori, Cristiana Sanalidro, Virginia Volterra (ISTC-CNR, Rome) <i>Strategies of representation for action verbs in Italian Sign Language</i>

11:05 - 11:20	<i>Coffee break</i>
---------------	---------------------

<i>Session 6</i> (chair: Virginia Volterra)	
11:20 - 12:10	<b>Keynote talk</b> <b>Anna Maria Borghi</b> (University of Bologna) <i>From affordances to abstractness: An embodied and grounded perspective on language</i>
12:10 - 12:35	Irene De Felice (University of Pisa) <i>Does language reflect affordances?</i>
12:35 - 13:00	Leda Berio (Heinrich Heine University Düsseldorf) <i>Embodied Semantics and Abstract Concepts</i>

13:00 - 14:30	<i>Lunch break</i>
---------------	--------------------

<i>Session 7 - SYMPOSIUM: Grounding semantics in sensorimotor/experiential systems</i> (chair: Marco Tettamanti)	
14:30 - 14:40	Marco Tettamanti (San Raffaele Hospital, Milan) <i>Introduction</i>
14:40 - 15:30	<b>Keynote talk</b> <b>Shirley-Ann Rueschemeyer</b> (University of York) <i>Sensorimotor semantics: How perceptual experience relates to on-line language processing</i>
15:30 - 15:50	Christel Bidet-Ildei, Manuel Gimenes, Lucette Toussaint, Arnaud Badets (University of Poitiers) <i>Motor simulation induced by the semantic context modulates the relationship between action verbs and the perception of biological human movements</i>
15:50 - 16:10	Marietta Sionti, Dirk Koester, Thomas Schack (Bielefeld University) <i>Correlation between manner/path languages and sensorimotor tasks</i>
16:10 - 16:30	Katharina Wendler (Bielefeld University) <i>Role Versus Action Mismatches In Situated Language Comprehension: A Blank Screen Study</i>
16:30 - 16:55	<i>Discussion</i>

16:55 - 17:10	<i>Coffee break</i>
---------------	---------------------

**Session 8 - POSTER session**

17:10 - 18:00	Sophie-Anne Beauprez (University of Poitiers) <i>Action verbs understanding are slowdown by sensorimotor restriction</i>
	Lorenzo Gregori, Andrea Amelio Ravelli (University of Florence) <i>Multimedia content linking between IMAGACT and BabelNet ontologies</i>
	Luigi Grisoni (Freie Universität Berlin) <i>Somatotopic semantic priming and prediction in the motor system</i>
	Luisa Lugli, Elisa Scerrati, Roberto Nicoletti (University of Bologna) <i>A deceptive-training impacts a spatial-motor task</i>
	Massimo Moneglia, Alessandro Panunzi, Lorenzo Gregori, Pan Yi (University of Florence) <i>Comparing action verbs across languages</i>
	Maria Pozzi, Gionata Salvietti, Monica Malvezzi, Domenico Prattichizzo (University of Siena) <i>Simulating human and robotic hands using SynGrasp toolbox</i>
	Elisa Scerrati, Luisa Lugli, Anna Maria Borghi, Roberto Nicoletti (University of Bologna) <i>Is the acoustic modality relevant for abstract concepts? An investigation with implicit measures</i>
	Paola Vernillo (University of Florence) <i>Action verbs and metaphor processes</i>

18:00 - 18:15	<i>Concluding remarks</i>
---------------	---------------------------