

MeeTo

From moving bodies to interactive minds

Friday 25th – Sunday 27th May 2018
 Aula Magna del Rettorato, Università degli Studi di Torino, via Verdi, 8 - Torino

Scientific Program

Friday 25th May

8.30 - 9.30	Onsite Registration	
9.30 - 9.40	Welcome speech	
9.40 - 10.30	Keynote Lecture I – Cristina Becchio: <i>Seeing Mental states: an empirical approach</i>	
10.30 - 11.00	Poster Pitch I	<ol style="list-style-type: none"> 1. Quentin Moreau - Prediction errors during interpersonal motor interactions reveal frontal and occipito-temporal theta. 2. Jairo Perez-Osorio - Action expectations modulate joint attention in naturalistic scenarios. 3. Laura S. Cuijpers - The effect of mechanical coupling on interpersonal coordination in crew rowing. 4. Jordi Manuella - A quantitative evaluation of the transdiagnostic meaning of social cognitive dysfunction.
11.00 - 12.00	Poster session I + coffee break (sponsored by GPEM)	

12.00 - 13.20	Symposium I - Annalisa Bosco (convener), Alessandro Benedetto , Silvio P. Sabatini , Vittorio Sanguineti : <i>Shaping the understanding of the world through action.</i>	
13.20 - 14.20	Lunch	
14.20 - 15.20	Talk session I <i>Moving bodies I</i>	<ol style="list-style-type: none"> 1. Antonella Maselli - Whole-body throwing kinematics cues provide information on ball trajectory and individual throwing style. 2. James P. Trujillo - Action expectation and social processing: Brain activation in response to communicatively exaggerated kinematics. 3. Katrina L. McDonough - From Moving Bodies to Distorted Minds: Expectations of Action Bias/Social Perception.
15.20 - 16.20	Talk session II <i>Moving bodies II</i>	<ol style="list-style-type: none"> 1. Claudia Gianelli - On grasping and being grasped: processing active and passive language in the motor system. 2. Stefania Moretti - Can nodding and shaking reveal attitudes? A preliminary study of embodied social cognition on head movements.
16.20 - 16.50	Coffee break (sponsored by GPEM)	
16.50 - 17.50	Talk session III <i>Representation of space</i>	<ol style="list-style-type: none"> 1. Luigi F. Cuturi - The triangle completion task in children: The development of spatial updating across age. 2. Miles Tufft - Social Beliefs and Visual Attention: How the Social Relevance of a Cue Influences Spatial Orienting. 3. Michele Scandola - Moving in space in a wheelchair: the embodiment of one's own wheelchair and its effects on navigational space representation in people with spinal cord injury.
17.50 - 18.50	Talk session IV <i>Movement and interaction</i>	<ol style="list-style-type: none"> 1. Oscar de Bruijn - Evidence for adaptive utility maximisation in the coordination of meaning in task-focussed conversations. 2. Paola Cesari - When sounds convey emotions: sound localization and action pre-planning. 3. Gillian S. Forrester - Motor biases and social ability in typically developing children.

Saturday 26th May

9.30 - 9.40	Introduction	
9.40 - 10.15	Poster Pitch II	<ol style="list-style-type: none"> 1. Sonia Betti – The role of gaze in social requests. 2. Sonia Ponzo - It's not you, it's me: the impact of visual feedback on motor awareness, agency and body ownership in anosognosia for hemiplegia. 3. Divya Bhatia - Pointing performed by others facilitate visuo-spatial memory, but how much should I be involved? 4. Birgit Rauchbauer - Neurophysiological mechanisms of conversation investigated with fMRI. 5. Elena Aggius Vella - Auditory spatial representation around the body.
10.15 - 11.15	Poster session II + coffee break (sponsored by GPEM)	
11.15 - 12.30	Symposium II - Frank Van Overwalle (convener), Giusy Olivito, Chiara Ferrari: <i>The social cerebellum</i>	
12.30 - 14.00	Lunch	
14.00 - 14.50	Keynote Lecture III (sponsored by I.MOVE.U) – Natalie Sebanz: <i>Self and other as a unit: The “We” in joint action planning and coordination</i>	
14.50 - 15.50	Talk session V <i>Joint actions</i>	<ol style="list-style-type: none"> 1. Shaheed Azaad - Social modulation of affordances: Task sharing creates joint affordances in a bimanual affordance task. 2. Lucia M. Sacchi - Behavioural and Neurophysiological Evidence for a Dyadic Motor Plan in Joint Action. 3. Cordula Vesper - Modulating action duration to establish non-conventional communication.
15.50 - 16.50	Talk session VI <i>Coordination</i>	<ol style="list-style-type: none"> 1. Dimitrios Kourtis - Observation of communicative cues makes human interaction more meaningful: Evidence from EEG. 2. Francesca Ciardo - Emergent coordination in cooperative and competitive joint action. 3. Frank T. J. M. Zaal - Emergent Coordination in Joint Interception.
16.50 - 17.20	Coffee break (sponsored by GPEM)	

17.20 - 18.20	Talk session VII <i>Neurodevelopment</i>	<ol style="list-style-type: none"> 1. Arianna Curioni - Joint goal representation in infants: a fNIRS study. 2. Michela Candini - When social and action space diverge: a study in children with Autism Spectrum Disorders. 3. Anna Ciaunica - The Multisensory Base of Bodily Coupling in Face-to-Face Social Interactions: Contrasting the Case of Autism with the Mobius Syndrome.
18.20 - 19.20	Talk session VIII <i>New technologies for the study of interaction</i>	<ol style="list-style-type: none"> 1. Agnieszka Wykowska - Uncovering mechanisms of social cognition with the use of experimental protocols involving a humanoid robot. 2. Jacopo Zenzeri - Knowledge transfer during dyadic physical interaction: learning and generalization. 3. Victoria Brugada-Ramentol - I move, therefore I am (?): Active control increases sense of ownership over a virtual limb in a reaching-like task.
20.30	<i>Social Dinner</i>	

Sunday 27th May

10.00 - 10.10	Introduction	
10.10 - 11.00	Keynote Lecture IV (sponsored by I.MOVE.U) – Luciano Fadiga: <i>'Action and interaction'</i>	
11.00 - 12.00	Talk session IX Mini symposium <i>The body in the brain</i>	<ol style="list-style-type: none"> 1. Francesca Garbarini – Introduction 2. Irene Ronga - Me, my hand, and I: Repeated stimulation highlights a possible correlate of self-body recognition in visual ERPs. 3. Valentina Bruno - Inhibitory motor response with a phantom limb: an ERP study. 4. Carlotta Fossataro - Body awareness and multisensory integration in a visuo-tactile ERP paradigm.
12.00 – 13.00	Talk session X Body, space and interaction	<ol style="list-style-type: none"> 1. Ivan Patanè – Object ownership reveals peripersonal space modulations during observed and executed actions. 2. Valentina Pacella - The role of white matter disconnections in Anosognosia for Hemiplegia. 3. Anna-Katarina Trasser - Reciprocal exchanges of social cues in social interactions.
13.00 - 13.30	General discussion and closing remarks	

Poster Session I - 25th May

Amadeo, Campus, Gori

Individuals with long blindness duration “visualize” space through time

Ang, Sebanz, Knoblich

Planning time taken by pairs and individual for a task distribution is differently affected by ambiguity in the coordination cues and ambiguity in the task

Czeszumski, Wahn, König

Does the social situation affect how we process feedback about our actions?

Cuijpers, Zaai, Den Hartigh, de Poel

The effect of mechanical coupling on interpersonal coordination in crew rowing***

Elekes, Sebanz

The role of semantic processing in the joint memory effect

Emadi Andani, Rossetini, Dalla Negra, Testa, Tinazzi, Fiorio

The direction of focus of attention modulates the placebo effect in motor performance

Federici, Casartelli, Cesareo, Biffi, Valtorta, Molteni, Ronconi, Borgatti

Second-order motor planning ability without the cerebellum

Gvirts, Dangoor, Brezis, Golland, Shamay-Tsoory

The role of the left inferior frontal gyrus in interpersonal synchrony: a tDCS study

Hilviu, Parola, Gabbatore, Bosco

Effects of aging in communicative-pragmatic ability

Manuello, Costa, Nani, Tatu, Liloia, Vercelli, Duca, Cauda

A quantitative evaluation of the transdiagnostic meaning of social cognitive dysfunction***

Moreau, Era, Tieri, Candidi

Prediction errors during interpersonal motor interactions reveal frontal and occipito-temporal theta***

Parrotta, Moreau, Martelli, Candidi

Functional role of occipito-temporal Theta rhythm in Hand visual perception

Pérez-Osorio, De Tommaso, Wykowska

Action expectations modulate joint attention in naturalistic scenarios***

Podda, Ansuini, Memeo, Becchio

The role of movement frequency on motor contagion

Quarona, Ansuini, Scaliti, Cavallo, Becchio

Perceiving objects through actions: real grasps prime the presence of an object

Rocca, Zingarelli, Pretti, Cavallo

How you will move affects me: the co-representation of the other's upcoming movements

Schmitz, Vesper, Sebanz, Knoblich

Co-actors represent the order of each other's actions

Foriano, Cavallo, D'Ausilio, Becchio, Fadiga

The role of movement kinematics in neural chain selection during action observation

Török, Csibra, Feibanz

Rational joint action planning: People make decisions that maximize co-efficiency

Vecchiato, Del Vecchio, Ascari, Deon, Kubin, Ambeck-Madsen, Rizzolatti, Avanzini

Electroencephalographic time-frequency patterns of braking and acceleration movement preparation in car driving simulation

Ward, Bach, Ganis

Knowing Others' Minds: Automatic Level-2 Visual Perspective Taking as a Perceptual Simulation

Wyer

Interpersonal Synchrony and Person-specific Theory of Mind

***5 minutes oral presentation before the poster session. See Poster Pitch I

Poster session II - 26th May

Aggius-Vella, Campus, Gori

Auditory spatial representation around the body***

Bhatia, Spataro, Rossi-Arnaud

Pointing performed by others facilitate visuo-spatial memory, but how much should I be involved?***

Betti, Castiello, Granziol, Guerra, Zani, Sartori

The role of gaze in social requests***

Boukarras, Era, Candidi

Social status shapes affective evaluations and dyadic motor interactions in humans

Casartelli, Federici, Cesareo, Biffi, Fumagalli, Ronconi, Molteni, Sinigaglia

I see the way, but only when its expression is typical: motor representation of vitality forms in autism

Constable, Elekes, Sebanz, Knoblich

Does 'me' become 'we'? we-prioritisation in the cognitive system

Dell'anna, Fossataro, Burin, Bruno, Garbarini, Salatino, Ricci, Pia, Leman, Berti

Entrainment beyond embodiment

Emadi Andani, Villa-Sanchez, Menegaldo, Fiorio

Improving balance control with the placebo effect

Grecucci, Piretti, Lunardelli, Pappaianni, Pesavento, Rumiati, Job

/hameless! Evidence of amygdala lesion in shame processing

McDonough, Bach, Costantini, Hudson

Getting to grips with action understanding: Affordance matching predictively shapes the perceptual representation of others' actions

Mukherjee, Badino, Hilt, Tomassini, Inuggi, Fadiga, Nguyen, D'Ausilio

The neural oscillatory markers of phonetic convergence during verbal interaction

Müller, Eßmann, Schönau

The intervening relation of "top-down" and "bottom-up"-processes for the generation of human behavior

Nafcha, Shamay-Tsoory, Gabay

/social Inhibition of Return from the Distance

Neergaard, Turan, German

Lexical competition between words, the body, and in social interaction

Neszmélyi

The influence of cooperative interaction on the processing of auditory action-effects

Özkan, Pezzetta

Predicting the fate of basketball throws a psychophysics and EEG study in healthy and paraplegics athletes

Ponzo, Kirsch, Besharati, Martinaud, Jenkinson, Fotopoulou

It's not you, it's me: the impact of visual feedback on motor awareness, agency and body ownership in anosognosia for hemiplegia***

Prinsen, Alaerts

Social proficiency and its relationship to socially-adaptive mirror system functioning

Rauchbauer, Prévot, Ochs, Nguyen, Chaminade

Neurophysiological mechanisms of conversation investigated with fMRI***

Rosenstreich, Levi, Laslo-Roth

A matter of (inner) balance: the association between facets of mindfulness, attention deficit, and postural stability

Sabu, Curioni, Sebanz, Knoblich

Is Your Partner's Variability Helpful or Detrimental in Joint Motor Learning?

Scaliti, Koul, Ansuini, Cavallo, Becchio

Intention is in the action: reach-to-grasp kinematics primes the intent towards an object

Tonelli, Campus, Serino, Gori

Improvement of audio-tactile multisensory interaction in a peripersonal task after auditory training

Villa-Sánchez, Emadi Andani, Fiorio

The role of the dorsolateral prefrontal cortex in the expectation-induced enhancement of force: a tDCS study

Volta, Ceccaldi, Volpe

Multimodal exergames: case studies in pediatric rehabilitation

***5 minutes oral presentation before the poster session. See Poster Pitch II

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