

**DAY 1: MONDAY, JULY 10<sup>TH</sup>**

|              |   |   |
|--------------|---|---|
| 8:00-9:00    | Onsite Registration                                   |   |
| 9:00-9:20    | Welcome Speech  |   |
| 9:20-11:00   | Talk session 1 <i>Synchrony</i>                       | <ol style="list-style-type: none"> <li>1. <b>Anna Zamm</b> - Social coordination in and out of synchrony: How do groups implement joint musical actions?</li> <li>2. <b>Sarah Boukarras</b> - The emergence of physiological synchrony during joint action and its association with task-related motor parameters and dyadic personality traits</li> <li>3. <b>Ivana Konvalinka</b> - The social, decoupled self</li> <li>4. <b>Ryssa Moffat</b> - Observer's traits predict accuracy of synchrony estimation and enjoyment of dyadic mirror-game movements</li> <li>5. <b>Jamie Ward</b> - How to quantify interpersonal synchrony in autism using wearable sensors</li> </ol>                                   |
| 11:00-11:20  | Coffee break  |   |
| 11:20 -13:00 | Talk session 2 <i>Joint Goals</i>                     | <ol style="list-style-type: none"> <li>1. <b>Maximilian Marschner</b> - Associative Learning of Joint Action Representations</li> <li>2. <b>Matilde Rocca</b> - Motor contagion of multiple agents: a kinematic analysis</li> <li>3. <b>Margherita Adelaide Musco</b> - Utilitarian helping hands: self-serving support in small-scale interactions</li> <li>4. <b>Silvia Formica</b> - Neural evidence for anticipatory representations during Joint Actions</li> <li>5. <b>Bianca Bonato</b> - "United we stand, divided we fall": intertwining as evidence of joint actions in plants</li> </ol>   |
| 13:00-15:30  | Poster session* (lunch and coffee included)           |   |
| 15:30-17:10  | Talk session 3 <i>Music</i>                           | <ol style="list-style-type: none"> <li>1. <b>Thomas Wolf</b> - How do work songs stabilize the tempo of rhythmic joint actions?</li> <li>2. <b>Francesca Ciardo</b> - Impact of errors on temporal adaptation and anticipation mechanisms during musical joint action</li> <li>3. <b>Valentin Bégel</b> - Short-term duet interventions affect subsequent synchronization and social interaction</li> <li>4. <b>Jan Stupacher</b> - Empathy increases social bonding in interpersonal interactions that feature music and influences the pleasurable urge to move to music</li> <li>5. <b>Laura Bishop</b> - Mental effort and expressive interaction in expert and student string quartet performance</li> </ol> |
| 17:10-17:20  | Break   |   |
| 17:20-18:20  | Talk session 4 <i>Attention and Co-representation</i> | <ol style="list-style-type: none"> <li>1. <b>Dominik Dötsch</b> - Behavioral and EEG Evidence For Attentional Capture By A Partner's Target</li> <li>2. <b>Orit Nafcha</b> - The Three Pillars of the Social Inhibition of Return Effect: The Task, the Partner, and the Context</li> <li>3. <b>Chifumi Sakata</b> - Spontaneous Emergence of the Joint Memory Effect in Visual Search</li> </ol>   |
| 18:30        | Drinks at rooftop and posters on display              |   |

\*Presenters are encouraged to be at posters from around 13.30.

**DAY 2: TUESDAY, JULY 11<sup>TH</sup>**

|             |  |  |
|-------------|--|--|
| 9.00-11.00  | Talk session 5<br><i>Communication</i>               | <ol style="list-style-type: none"> <li>1. <b>James Trujillo</b> - Investigating the Multimodal Compositionality and Comprehension of Intended Meanings Using Virtual Agents</li> <li>2. <b>James Strachan</b> - Building demonstrations from scratch: Understanding pedagogical communication in teaching interactions</li> <li>3. <b>Mateusz Wozniak</b> - Communication and action predictability: two complementary strategies for successful cooperation</li> <li>4. <b>Martin Dockendorff</b> - Saying things with actions — or how instrumental actions can take on a communicative function</li> <li>5. <b>Marlou Rasenberg</b> - Language use as joint action: people resolve interactional trouble in multimodal and co-efficient ways</li> <li>6. <b>Christophe Heintz</b> - Smoothing coordination: the Ladyginian way and the Gricean way</li> </ol> |
| 11:00-11:30 | Coffee break   |  |
| 11:20-13:00 | Talk session 6<br><i>Agency and Commitment</i>       | <ol style="list-style-type: none"> <li>1. <b>Janeen Loehr</b> - The sense of joint agency in joint music performance: A mixed-methods approach</li> <li>2. <b>Laura Cuijpers</b> - Agency and social unity in joint action</li> <li>3. <b>John Michael</b> - The Sense of Commitment in Joint Action: A Cross-Cultural Study</li> <li>4. <b>Francesca Bonalumi</b> - The commitment loop</li> <li>5. <b>Elisabeth Pacherie</b> - Commitments and the Sense of Joint Agency</li> </ol>  |
| 13:00-14:00 | Lunch  |  |
| 14:00-16:00 | Talk session 7<br><i>Hyperscanning</i>               | <ol style="list-style-type: none"> <li>1. <b>Atesh Koul</b> - Origins of interpersonal neural synchrony in spontaneous dyadic behavior</li> <li>2. <b>Juan Camilo Avendano Diaz</b> - Brain oscillations in joint action: Insights from an MEG hyperscanning mirror-game paradigm</li> <li>3. <b>Qianliang Li</b> - Exploring Interbrain Synchronization using Two-brain EEG Microstates</li> <li>4. <b>Kohei Miyata</b> - Sharing action and prior intentions during imitative interaction: a hyperscanning fMRI study</li> <li>5. <b>Mini Sharma and Anat Dahan</b> - Graph Theory Approach in Hyperscanning studies - A Review Article</li> <li>6. <b>Sara De Felice</b> - Learning is better with others: evidence from online and face-to-face experiments</li> </ol>   |
| 16:00-16:20 | Coffee break   |  |
| 16:20-18:00 | Talk session 8<br><i>Cooperation/Decision Making</i> | <ol style="list-style-type: none"> <li>1. <b>Anne Böckler</b> - When it's ok to look away: gaze behavior in conversations shapes social judgments and decisions - depending on context</li> <li>2. <b>Georgina Török</b> - Co-actors integrate the costs of different types of actions in joint action planning</li> <li>3. <b>Shaheed Azaad</b> - Mechanisms to efficiency in joint action</li> <li>4. <b>Luke McEllin</b> - Actions in economic games that contain cues to social preferences influence partner choice</li> <li>5. <b>Gray Atherton</b> - The Moving Mandala: A Mixed Reality Conceptual Replication of Kirschner and Tomasello</li> </ol>   |
| 18.30       | Dinner/Party   |  |

**DAY 3: WEDNESDAY, JULY 12<sup>TH</sup>**

|              |  |   |
|--------------|--|---|
| 9:00-11:00   | Talk session 9<br><i>Human-Robot/AI-Interaction</i>    | <ol style="list-style-type: none"> <li>1. <b>Cecilia De Vicariis</b> - Artificial partners to understand joint coordination</li> <li>2. <b>Merryn Constable</b> - The social-cognitive rules of robotics: Exploring how to enhance the usability of robots via principles of joint action</li> <li>3. <b>Ekaterina Ivanova</b> - Haptic Turing test and learning with robotic and human partners</li> <li>4. <b>Uma Navare</b> - Joint Sense of Agency and Self-Other Integration in Joint Action: Why Intentionality Matters</li> <li>5. <b>Kyveli Kompatsiari</b> - Real and perceived human agency affect interpersonal synchrony: A mental coordination task</li> <li>6. <b>Basil Wahn</b> - Algorithmic appreciation under cognitive load: Humans are willing to offload parts of an attentionally demanding task to an algorithm</li> </ol> |
| 11:00-11:20  | Coffee break   |   |
| 11:20 -13:00 | Talk session 10<br><i>Language</i>                     | <ol style="list-style-type: none"> <li>1. <b>Judith Holler</b> - Multimodal addressee responses as tools for coordination and adaptation in conversational interaction</li> <li>2. <b>Marlijn ter Bekke</b> - Do listeners use speakers' iconic hand gestures to predict upcoming words?</li> <li>3. <b>Giusy Cirillo</b> - Effects of shared attention on joint language production across processing levels</li> <li>4. <b>Chiara Gambi</b> - Joint language production and the representation of others' utterances: What next?</li> <li>5. <b>Anna K. Kuhlen</b> - Partner-elicited semantic context effects: elusive and (potentially) insightful</li> </ol>   |
| 13:00-15:30  | Poster session* (lunch and coffee included)            |   |
| 15.30-16.50  | Talk session 11<br><i>Neural Mechanisms</i>            | <ol style="list-style-type: none"> <li>1. <b>Corrado Sinigaglia</b> - Acting jointly is not just acting side-by-side: An EEG hyper-scanning study</li> <li>2. <b>Dimitrios Kourtis</b> - With or without you: An EEG study on interpersonal coordination</li> <li>3. <b>Quentin Moreau</b> - Transcranial random-noise stimulation in human-machine social interactions</li> <li>4. <b>Vanessa Era</b> - Role of the dopaminergic system in interpersonal performance monitoring: behavioral and EEG studies on Parkinson's Disease</li> </ol>  |
| 16.50-17.00  | Break  |   |
| 17.00-18:00  | Talk session 12<br><i>Improvisation and Connection</i> | <ol style="list-style-type: none"> <li>1. <b>Merle Fairhurst</b> - Investigating the effect of expertise in creative coordination in groups using a novel zoom-based mirror game</li> <li>2. <b>Inbal Ravreby</b> - People tend to click with others</li> <li>3. <b>Daniel Richardson</b> - JAM (Joint Arousal Measure) Predicts the success of Ads, Auditions and Movies</li> </ol>  |
| 18:30        | Drinks at rooftop and posters on display               |   |

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## POSTER SESSION 1 – MONDAY, JULY 10<sup>TH</sup>

|    |                   |                     |   |
|----|-------------------|---------------------|---|
| 1  | <b>Ayeh</b>       | <b>Alhasan</b>      | Exploring Intention Prediction: Qualitative Insights on the Interplay of Context and Kinematics   |
| 2  | <b>Liron</b>      | <b>Amihai</b>       | Can facial mimicry predict decision making?   |
| 3  | <b>Shahar</b>     | <b>Bar Yehuda</b>   | Differences in Joint Action Developmental Trajectories between ASD and TD   |
| 4  | <b>Argaman</b>    | <b>Bell Meir</b>    | Better Together? Shared Experience Effect on Enjoyment and Facial Expressions During Joint Listening to Audio Clips                         |
| 5  | <b>Justin</b>     | <b>Christensen</b>  | Understanding collaborative music-making in couples living with dementia from a joint action perspective                                    |
| 6  | <b>Victor</b>     | <b>Chung</b>        | The feeling of connectedness during shared emotional experiences predicts the desire of strangers to interact with each other in the future |
| 7  | <b>Liam</b>       | <b>Cross</b>        | Synchronizing in a virtual world. Can Virtual Reality paradigms solve some of the pragmatic problems with social synchrony research?        |
| 8  | <b>Cecilia</b>    | <b>De Vicariis</b>  | Partner representation and decision-making in joint action  |
| 9  | <b>Sara</b>       | <b>F Abalde</b>     | On the role of ancillary body movements in joint music making and interpersonal synchronization.  |
| 10 | <b>Chiara</b>     | <b>Fini</b>         | Chatting About Different Subtypes of Abstract Concepts Differently Modulates Closeness Among Interlocutors                                  |
| 11 | <b>Felix</b>      | <b>Götz</b>         | Follow My Lead! Followers' Reliability Modulates Leader's Goal Persistence in a Novel Joint Goal-Setting Paradigm                           |
| 12 | <b>Camilla</b>    | <b>Gregorini</b>    | Stable asynchrony? Associations between borderline personality traits and interpersonal asynchrony  |
| 13 | <b>Christophe</b> | <b>Heintz</b>       | Joint history of play provides means for coordination   |
| 14 | <b>Akifumi</b>    | <b>Kijima</b>       | Rigorous action synchrony compromised in a virtual space without the risk of physical body collision  |
| 15 | <b>Alexis</b>     | <b>Le Besnerais</b> | Agency and social affordance shape visual perception  |
| 16 | <b>Jinyu</b>      | <b>LI</b>           | Are you sure it's your voice? Exploring the relations between phonetic alignment and sense of agency  |
| 17 | <b>Rui</b>        | <b>Liu</b>          | Modulation of broadband EEG on communication dynamics   |

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|----|------------------|----------------------|---|
| 18 | <b>Jordi</b>     | <b>Manuello</b>      | Developing a new computational framework for quantitative analysis of motor styles                                    |
| 19 | <b>Camilla</b>   | <b>Maronati</b>      | I move like you, I better read you: the role of 'motor distance' in action understanding                              |
| 20 | <b>Francesca</b> | <b>Miti</b>          | EEG hyperscanning in a joint Simon task: a new approach to study joint action.  |
| 21 | <b>Lena</b>      | <b>Nalbandian</b>    | The effects of an interpersonal social context on attention in a joint visual search paradigm                         |
| 22 | <b>Julius</b>    | <b>Rennert</b>       | Obedience to Authority as an Asymmetrical Joint Action  |
| 23 | <b>Luke</b>      | <b>Ring</b>          | Low-latency real-time sonification as a novel paradigm in joint action research                                       |
| 24 | <b>Nejra</b>     | <b>Rizvanović</b>    | Does joint action coordination affect expectations of over-imitation in adults?                                       |
| 25 | <b>Laura</b>     | <b>Schmitz</b>       | How sure are you? Kinematic readout of confidence in collective decision-making                                       |
| 26 | <b>Giulia</b>    | <b>Scorza Azzarà</b> | Can a Joint Action with a Robot Lead to Shared Body Representation?   |
| 27 | <b>Giulia</b>    | <b>Siri</b>          | Motor inhibition in joint action tasks with humans and robots   |
| 28 | <b>Andrii</b>    | <b>Smykovskyi</b>    | Impact of Emotion on Spontaneous and Intentional Interpersonal Synchronisation  |
| 29 | <b>Anna</b>      | <b>Strasser</b>      | Human-machine interactions as joint actions and their moral consequences  |
| 30 | <b>Marcell</b>   | <b>Székely</b>       | Effort-Based Decision Making in Joint Action: Evidence of a Sense of Fairness   |
| 31 | <b>Hoang Anh</b> | <b>Tran</b>          | Experiences of united agency in joint action: Where, when, and why?   |
| 32 | <b>James</b>     | <b>Trujillo</b>      | Differences in Partner Empathy are Associated with Interpersonal Kinetic and Prosodic Entrainment During Conversation |
| 33 | <b>Enrico</b>    | <b>Vescovo</b>       | Join the action: top-down and bottom-up information modulate different neurophysiological indexes                     |
| 34 | <b>Basil</b>     | <b>Wahn</b>          | Try to see it my way: Humans Take the Level-1 Visual Perspective of Humanoid Robot Avatars                            |

## POSTER SESSION 2 – WEDNESDAY, JULY 12<sup>TH</sup>

|    |                  |                    |  |
|----|------------------|--------------------|--|
| 1  | <b>Dalila</b>    | <b>Albergo</b>     | Intention reading from movement kinematics: a training protocol  |
| 2  | <b>Laura</b>     | <b>Bandini</b>     | Predictive processes and action strategies in competitive and cooperative joint action   |
| 3  | <b>Dilan</b>     | <b>Çabuk</b>       | Survival Processing Boosts Memory for Partner's Information in Shared Tasks  |
| 4  | <b>Miao</b>      | <b>Cheng</b>       | Context Effect on Embodied Emotions: A Dual-Dimensional (Valence and Arousal) and Dual-Direction (Assimilation and Contrast) Analysis  |
| 5  | <b>Justin</b>    | <b>Christensen</b> | Musical technology for examining joint action in couples with dementia through duet playing  |
| 6  | <b>Giovanna</b>  | <b>Cuomo</b>       | Interpersonal Motor Interactions Remap Visuo-Tactile Integration   |
| 7  | <b>Anat</b>      | <b>Dahan</b>       | A Video-based tracking approach for joint action evaluation  |
| 8  | <b>Alper</b>     | <b>Demircan</b>    | Language differences do not prevent Joint Memory Representations   |
| 9  | <b>Martin</b>    | <b>Dockendorff</b> | Linking communicative modulations to distal goals: motor-iconicity or arbitrary mappings?  |
| 10 | <b>Kassandra</b> | <b>Friebe</b>      | Co-representation of an imagined partner's task; the effect of imagined joint action and facial trustworthiness                        |
| 11 | <b>Thomas</b>    | <b>Ganzetti</b>    | Affective observation: generalization of negative emotional expressions targeting action performances                                  |
| 12 | <b>Felix</b>     | <b>Götz</b>        | Follow Me - follow You? Interacting with a Human But Not a Computer Motivates Conflict Adaptation in Interindividual Response Conflict |
| 13 | <b>Veerle</b>    | <b>Hobbelink</b>   | Predictive action planning and agency during joint action in human-human and human-robot interaction                                   |
| 14 | <b>Adrian</b>    | <b>Kempf</b>       | Examining the association between synchronization and social cohesion through the lens of creativity. An empirical study               |
| 15 | <b>Vjeran</b>    | <b>Kerić</b>       | Influence of expectations of co-efficiency on action prediction  |
| 16 | <b>Christian</b> | <b>Kliesch</b>     | Postnatal dependency and its contribution to joint action understanding  |
| 17 | <b>Natalie</b>   | <b>Kohler</b>      | Representing Self and Other During Joint Piano Performance – fMRI Evidence   |

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|----|-------------------|---------------------------|---|
| 18 | <b>Susan M.</b>   | <b>Li</b>                 | Tempo Change and Leadership in Ensemble Synchronisation: A Case Study   |
| 19 | <b>Ieva</b>       | <b>Lukošiūnaitė</b>       | The Importance of Action Observation in Perspective Taking  |
| 20 | <b>Sara</b>       | <b>Mazzini</b>            | Investigating inter-brain synchrony during (un-)successful face-to-face communication                                   |
| 21 | <b>Lior</b>       | <b>Noy</b>                | Creative Exploration and Secure Attachment  |
| 22 | <b>Oriana</b>     | <b>Pansardi</b>           | The Vigor of Punishment   |
| 23 | <b>Ugo Giulio</b> | <b>Pesci</b>              | The influence of social interactions on visuotactile causal and perceptual inference                                    |
| 24 | <b>Jesper</b>     | <b>Rørvig</b>             | Embodied Joint Agency in Human - Robot Interactions   |
| 25 | <b>Arianna</b>    | <b>Schiano Lomoriello</b> | Reading Between the Heartbeats: Exploring Self and Other Interoceptive abilities in Inferring Others' Bodily Signals    |
| 26 | <b>Piotr</b>      | <b>Slowinski</b>          | Mirror game as a diagnostic aid for psychosis: 5 years later  |
| 27 | <b>Peter</b>      | <b>Thestrup Waade</b>     | Synchrony, synergy and sense of joint action in naturalistic social coordination: the case of Lindy Hop partner dancing |
| 28 | <b>Alice</b>      | <b>Tomassini</b>          | The 'microstructure' of interpersonal neurobehavioral coordination  |
| 29 | <b>Georgina</b>   | <b>Török</b>              | Co-efficiency as a potential focal point in coordination problems   |
| 30 | <b>Miles</b>      | <b>Tuftt</b>              | Towards a Mechanism of Semantic Interference Removal in the Joint Picture-Word Interference Paradigm                    |
| 31 | <b>Pavel</b>      | <b>Voinov</b>             | Do chimpanzees (Pan Troglodytes) form co-representations in a collective enumeration task?                              |
| 32 | <b>Elisa</b>      | <b>Wiedemann</b>          | Does interpersonal synchrony reduce self-other distinction?   |
| 33 | <b>Chen</b>       | <b>Zheng</b>              | Coordinating Joint Action in a Novel Complex Real-world Task  |
| 34 | <b>Zijun</b>      | <b>Zhou</b>               | Interbrain synchronization underlying people's sense of joint agency during musical joint action                        |