

11th MindBrainBody Symposium

March 11-13, 2024

Program

| Monday, March 11, 2024 | |
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| 15:00 - 16:00 | Registration |
| 16:00 – 17:00 | Opening Keynote Lecture |
| | Karin Roelofs (Radboud University Nijmegen, Nijmegen) <i>Human defensive reactions and their role in decision making</i> |
| | Moderators: <i>Arno Villringer & Samyogita Hardikar (MindBrainBody; MPI CBS Leipzig)</i> |
| 17:00 - 18:15 | Panel 1: Presentations by 5 Participants |
| | Maria Azanova (MPI CBS Leipzig) <i>Heart rate scales with prediction error</i> |
| | Yu Hei Shum (Berlin School of Mind and Brain, Humboldt-Universität zu Berlin) <i>Strength of nondirectional coupling between cardiac signal and intentional action varies with interoceptive accuracy</i> |
| | Akansha Mahesh Naraindas (University College Dublin, Dublin) <i>Investigating the relationship between body image disturbance, and body-scaled action in Virtual Reality</i> |
| | Andrea Zaccaro (G. d'Annunzio University of Chieti-Pescara, Chieti) <i>Modulation of heartbeat evoked oscillations by cardiac interoceptive attention and respiration</i> |
| | Qiaoyue Ren (Ludwig-Maximilians-Universität München, Munich) <i>Listen to your heart: Attentional trade-off between cardiac and visual domains</i> |
| | Chairs: <i>Eleni Panagoulas & Antonin Fourcade (MPI CBS Leipzig)</i> |
| 18:15 - 20:00 | Reception |
| 18:30 - 19:15 | Poster Session A Posters Nr. A1-A22 |
| 19:15 - 20:00 | Poster Session B Posters Nr. B1-B24 |

Tuesday, March 12, 2024

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| 09:00 - 10:00 | Keynote Lecture 1 |
| | Patrick Haggard (University College London, London) <i>Freedom, autonomy and responsibility: what can neuroscience tell us?</i> |
| | Chairs: <i>Marta Gerosa & Elias Reinwarth (MindBrainBody; MPI CBS Leipzig)</i> |
| 10:00 – 10:20 | Coffee Break |
| 10:20 – 11:35 | Panel 2: Presentations by 5 Participants |
| | Kristin Kaduk (University of Tübingen, Tübingen) <i>Mood is associated with hunger, and incremental effects of glucose depend on insulin sensitivity</i> |
| | Carlos Ventura-Bort (University of Potsdam) <i>Physiological Harmony or Discord? Unveiling the Correspondence Between Subjective Arousal and Valence and Physiological Responses</i> |
| | Zsuzsanna Nemezc (Research Centre for Natural Sciences, Budapest) <i>Resolving memory interference between non-meaningful stimuli depends on the parahippocampal and perirhinal cortex, not the hippocampus</i> |
| | Diego Candia-Rivera (Sorbonne Université, Paris Brain Institute) <i>Higher-order brain-heart coupling: Insights into affective state and neurodegeneration</i> |
| | Thalia Richter (School of Psychological Sciences, University of Haifa) <i>Personalized cognition-based machine-learning prediction of anxiety and depression</i> |
| | Chairs: <i>Agata Patyczek & Felix Klotzsche (MPI CBS Leipzig)</i> |
| 11:35 - 12:15 | Virtual Poster Session A Posters Nr. A01-A22 |
| 12:15 – 13:00 | Lunch Break |
| 13:00 - 13:40 | Virtual Poster Session V Posters Nr. V01-V16 |
| 13:40 – 14:20 | Sponsor Workshops |
| | José Raúl Naranjo Muradás (NIRx) <i>The scientific journey at the interplay between brain, body, & music: an fNIRS story</i> |
| | Omid Abbasi (Virgobit) <i>Remote Multimodal Data Collection Using Wearables and Smartphones: A Breakthrough for Body-Brain Interaction Research</i> |
| | Chairs: <i>Magdalena Gippert & Nazife Ayyildiz (MPI CBS Leipzig)</i> |

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| 14:20 – 15:20 | Keynote Lecture 2 |
| | Elvira Brattico (Aarhus University, Aarhus & University of Bari, Bari) <i>How music learning can change the brain</i> |
| | Chairs: <i>Vadim Nikulin & Maria Azanova (MindBrainBody; MPI CBS Leipzig)</i> |
| 15:25 – 16:10 | Poster Session C Posters Nr. C1-C24 |
| 16:10 – 16:55 | Poster Session D Posters Nr. D1-D22 |
| 17:00 – 18:00 | Keynote Lecture 3 |
| | Christian Büchel (Universitätsklinikum Hamburg-Eppendorf, Hamburg) <i>How agency, control and expectations modulate pain</i> |
| | Chairs: <i>Lioba Enk & Paul Steinfath (MPI CBS Leipzig)</i> |
| 19:00 – 21:00 | Social Evening (Optional) |
| | Pizzeria Marienkäfer https://www.pizzeria-marienkaefer.de <i>Marienstr. 18, 10117 Berlin (Walking distance from the venue: 13 min)</i> |

Wednesday, March 13, 2024

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| 9:00 - 10:00 | Keynote Lecture 4 |
| | Siri Leknes (University of Oslo, Oslo) <i>Pain, pleasure and drug effects in the human brain</i> |
| | Chairs: <i>Michael Gaebler & Rosa Christine Grossmann (MindBrainBody; MPI CBS Leipzig)</i> |
| 10:00 – 10:20 | Coffee Break |
| 10:20 – 10:55 | Virtual Poster Session B Posters Nr. B1-B23 |
| 11:00 – 12:15 | Panel 3: Presentations by 5 Participants |
| | Nazife Ayyildiz (MPI CBS Leipzig) <i>Associations of Retinal Nerve Fiber Layer Thickness, Brain Gray Matter Intensity and Cardiovascular Risk Factors</i> |
| | Anna-Lena Eckert (Dpt. of Psychology, Philipps-Universität Marburg, Marburg) <i>Modelling sensory attenuation as Bayesian Causal Inference across two datasets</i> |
| | Miro Grundei (Neurocomputation and Neuroimaging Unit, FU Berlin, Berlin) <i>Mismatch responses across the senses</i> |
| | Philipp Arndt (Biomagnetic Center, Jena University Hospital, Jena) <i>Artificially induced Mismatch-Training (AIM) and its impact on effective motor learning</i> |
| | Simon Hoffmann <i>scilaunch your research project</i> |
| | Chairs: <i>Asli Akdeniz-Karatay & Tilman Stephani (MPI CBS Leipzig)</i> |
| 12:15 – 13:15 | Lunch Break |
| 13:15 –13:50 | Virtual Poster Session C Posters Nr. C1-C24 |
| 13:50 –14:25 | Virtual Poster Session D Posters Nr. D1-22 |
| 14:30 – 15:30 | Keynote Lecture 5 |
| | Jonathan Smallwood (Queen's University, Kingston) & Samyogita Hardikar (MPI CBS, Leipzig) <i>States of mind and brain</i> |
| | Chairs: <i>Maria Azanova & Fivos Iliopoulos (MPI CB,S Leipzig)</i> |
| 15:30 – 16:00 | Closing Remarks |
| | Arno Villringer (MindBrainBody; MPI CBS Leipzig) |