11th MindBrainBody Symposium

March 11-13, 2024

Program

Monday, March 11, 2024	
15:00 - 16:00	**Registration**
16:00 – 17:00	**Opening Keynote Lecture**
	Karin Roelofs (Radboud University Nijmegen, Nijmegen) *Human defensive reactions and their role in decision making*
	Moderators: *Arno Villringer & Samyogita Hardikar (MindBrainBody; MPI CBS Leipzig)*
17:00 - 18:15	**Panel 1: Presentations by 5 Participants**
	Maria Azanova (MPI CBS Leipzig) *Heart rate scales with prediction error*
	Yu Hei Shum (Berlin School of Mind and Brain, Humboldt-Universität zu Berlin) *Strength of nondirectional coupling between cardiac signal and intentional action varies with interoceptive accuracy*
	Akansha Mahesh Naraindas (University College Dublin, Dublin) *Investigating the relationship between body image disturbance, and body-scaled action in Virtual Reality*
	Andrea Zaccaro (G. d'Annunzio University of Chieti-Pescara, Chieti) *Modulation of heartbeat evoked oscillations by cardiac interoceptive attention and respiration*
	Qiaoyue Ren (Ludwig-Maximilians-Universität München, Munich) *Listen to your heart: Attentional trade-off between cardiac and visual domains*
	Chairs: *Eleni Panagoulas & Antonin Fourcade (MPI CBS Leipzig)*
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-B23**

Tuesday, March 12, 2024	
09:00 - 10:00	**Keynote Lecture 1**
	Patrick Haggard (University College London, London) *Freedom, autonomy and responsibility: what can neuroscience tell us?*
	Chairs: *Marta Gerosa & Elias Reinwarth (MindBrainBody; MPI CBS Leipzig)*
10:00 – 10:20	**Coffee Break**
10:20 – 11:35	**Panel 2: Presentations by 5 Participants**
	Kristin Kaduk (University of Tübingen, Tübingen) *Mood is associated with hunger, and incremental effects of glucose depend on insulin sensitivity*
	Carlos Ventura-Bort (University of Potsdam) *Physiological Harmony or Discord? Unveiling the Correspondence Between Subjective Arousal and Valence and Physiological Responses*
	Zsuzsanna Nemecz (Research Centre for Natural Sciences, Budapest) *Resolving memory interference between non-meaningful stimuli depends on the parahippocampal and perirhinal cortex, not the hippocampus*
	Diego Candia-Rivera (Sorbonne Université, Paris Brain Institute) *Higher-order brain-heart coupling: Insights into affective state and neurodegeneration*
	Thalia Richter (School of Psychological Sciences, University of Haifa) *Personalized cognition-based machine-learning prediction of anxiety and depression*
	Chairs: *Agata Patyczek & Felix Klotzsche (MPI CBS Leipzig)*
11:35 - 12:15	**Virtual Poster Session A** **Posters Nr. A01-A242**
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) *The scientific journey at the interplay between brain, body, & music: an fNIRS story*
	Omid Abbasi (Virgobit) *Remote Multimodal Data Collection Using Wearables and Smartphones: A Breakthrough for Body-Brain Interaction Research*
	Chairs:
	Magdalena Gippert & Nazife Ayyildiz (MPI CBS Leipzig)

14:20 – 15:20	**Keynote Lecture 2**
	Elvira Brattico (Aarhus University, Aarhus & University of Bari, Bari) *How music learning can change the brain*
	Chairs: *Vadim Nikulin & Maria Azanova (MindBrainBody; MPI CBS Leipzig)*
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 *How agency, control and expectations modulate pain*
	Chairs: *Lioba Enk & Paul Steinfath (MPI CBS Leipzig)*
19:00 – 21:00	**Social Evening (Optional)**

Wednesday, March 13, 2024	
9:00 - 10:00	**Keynote Lecture 4**
	Siri Leknes (University of Oslo, Oslo) *Pain, pleasure and drug effects in the human brain*
	Chairs: *Michael Gaebler & Rosa Christine Grossmann (MindBrainBody; MPI CBS Leipzig)*
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) *Associations of Retinal Nerve Fiber Layer Thickness, Brain Gray Matter Intensity and Cardiovascular Risk Factors*
	Anna-Lena Eckert (Dpt. of Psychology, Philipps-Universität Marburg, Marburg) *Modelling sensory attenuation as Bayesian Causal Inference across two datasets*
	Miro Grundei (Neurocomputation and Neuroimaging Unit, FU Berlin, Berlin) *Mismatch responses across the senses*
	Philipp Arndt (Biomagnetic Center, Jena University Hospital, Jena) *Artificially induced Mismatch-Training (AIM) and its impact on effective motor learning*
	Simon Hoffmann *scilaunch your research project*
	Chairs: *Asli Akdeniz-Karatay & Tilman Stephani (MPI CBS Leipzig)*
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 & Samyogita Hardikar (Queen's University, Kingston) *States of mind and brain*
	Chairs: *Maria Azanova & Ffivos Iliopoulos (MPI CBS Leipzig)*
15:30 – 16:00	**Closing Remarks**
	Arno Villringer (MindBrainBody; MPI CBS Leipzig)