



# 12<sup>th</sup> MindBrainBody Symposium

## March 10-12, 2025

### Berlin & Virtual Program



## Monday, March 10, 2025

<b>15:00 - 16:00</b>	<b>Registration</b>
<b>16:00 – 16:05</b>	<b>Opening Remarks</b>
	<b>Arno Villringer</b> <i>(MindBrainBody; Max Planck Institute of Cognitive and Brain Sciences [MPI CBS], Leipzig)</i>
<b>16:05 – 17:05</b>	<b>Opening Keynote Lecture</b>
	<b>Tor D. Wager</b> (Dartmouth College, Hanover, New Hampshire) <i>A neuroscientific perspective on the self-regulation of pain and emotion</i>
	<b>Chairs:</b> <i>Arno Villringer &amp; Rosa Grossmann (MindBrainBody; MPI CBS Leipzig)</i>
<b>17:05 - 18:20</b>	<b>Panel 1: Presentations by 5 Participants</b>
	<b>Yuliya Kovalchuk</b> (Charité – Universitätsmedizin Berlin; Max Planck School of Cognition) <i>Establishing Experience-Dependent Structural Variation of the Individually Mapped Somatosensory Genital Representation Field in Adult Women with Childhood Sexual Abuse Exposure</i>
	<b>Ignacio Rebollo</b> (German Institute of Human Nutrition [DIfE], Potsdam-Rehbrücke) <i>From Rest to Digest: How signals from the stomach interact with brain activity</i>
	<b>Kristin Kaduk</b> (German Primate Center [DPZ], Göttingen) <i>Neural activity in the dorsal pulvinar reflects cardiac modulation and influences cardiac and respiratory activity</i>
	<b>Daniel Kluger</b> (University of Münster) <i>A dynamic link between respiration and arousal</i>
	<b>Tommaso Tosato</b> (University of Montreal) <i>Performance modulations phase-locked to action depend on internal state</i>
	<b>Chairs:</b> <i>Marta Gerosa &amp; Antonin Fourcade (MindBrainBody; MPI CBS Leipzig)</i>
<b>18:20 - 20:00</b>	<b>Reception during Poster Sessions</b>
<b>18:45 - 19:30</b>	<b>Poster Session A</b> <b>Posters Nr. A01-A24</b>
<b>19:30 - 20:15</b>	<b>Poster Session B</b> <b>Posters Nr. B01-B24</b>

## Tuesday, March 11, 2025

<b>09:15 - 10:15</b>	<b>Keynote Lecture 1</b>
	<b>Nadine Gogolla</b> (Max Planck Institute of Psychiatry, Munich) <i>Interoceptive cardiac signals guide emotion state coding in the mouse posterior insular cortex</i>
	<b>Chairs:</b> <i>Michael Gaebler &amp; Mia Neubauer (MindBrainBody; MPI CBS Leipzig)</i>
<b>10:15 – 10:45</b>	<b>Coffee Break</b>
<b>10:45 – 12:00</b>	<b>Panel 2: Presentations by 5 Participants</b>
	<b>Jost Blasberg</b> (Institute for Psychosocial Medicine, University Clinic Jena) <i>Investigating facial mimicry in adolescents observing their parents under acute psychosocial stress</i>
	<b>Aureen D'Souza</b> (German Institute of Human Nutrition [DIfE], Nuthetal) <i>Affective responses are shaped by interoception and personality</i>
	<b>Jelena Brasanac</b> (Charité – Universitätsmedizin Berlin) <i>End-tidal CO2 saturation during circular breathwork supports the emergence of altered states of consciousness</i>
	<b>Mateo Leganes-Fonteneau</b> (University of Amsterdam; UCLouvain, Ottignies-Louvain-la-Neuve) <i>Mapping Acute Alcohol Effects on Bodily Sensations: A Cross-Dimensional Interoceptive Approach</i>
	<b>Fiammetta Zanetti</b> (University of Luxembourg, Esch-sur-Alzette) <i>Investigating the effects of a cardio-visual full-body illusion on embodiment and body image</i>
	<b>Chairs:</b> <i>Alexandra Piejka &amp; Paul Steinfath (MindBrainBody; MPI CBS Leipzig)</i>
<b>12:00 – 13:00</b>	<b>Lunch Break</b>
<b>13:00 – 14:20</b>	<b>Sponsor Workshops</b>
	<b>Christoph Aurnhammer &amp; Niclas Brand</b> (Mentalab GmbH) <i>Mentalab Mobile ExG Workshop</i>
	<b>Fabio Barollo</b> (ANT Neuro) <i>From mobile EEG to multimodal Brain-Body interactions assessment</i>
	<b>Cecile Issard &amp; Zoe Scott</b> (NIRx) <i>fNIRS story fNIRS in motion: advancing neuroimaging for dynamic brain-body interactions</i>
	<b>Chairs:</b> <i>Eva De Poi &amp; Firat Sansal (MindBrainBody; MPI CBS Leipzig)</i>

<b>14:20 – 15:20</b>	<b>Keynote Lecture 2</b>
	<b>Markus Ullsperger</b> (Otto-von-Guericke University, Magdeburg) <i>Neuro- and psychophysiology of performance monitoring</i>
	<b>Chairs:</b> <i>Vadim Nikulin &amp; Emma Nesbit (MindBrainBody; MPI CBS Leipzig)</i>
<b>15:20 – 15:40</b>	<b>Coffee Break within Poster Session C</b>
<b>15:25 – 16:10</b>	<b>Poster Session C</b> <b>Posters Nr. C01-C24</b>
<b>16:10 – 16:55</b>	<b>Poster Session D</b> <b>Posters Nr. D01-D23</b>
<b>17:00 – 18:00</b>	<b>Keynote Lecture 3</b>
	<b>Maria J. Ribeiro</b> (University of Coimbra) <i>The psychophysiology of temporal attention</i>
	<b>Chairs:</b> <i>Lioba Enk &amp; Paul Steinfath (MindBrainBody; MPI CBS Leipzig)</i>
<b>18:30 – 21:30</b>	<b>Social Evening (Optional)</b>
	<b>Pizzeria Marienkäfer</b> <a href="https://www.pizzeria-marienkaefer.de">https://www.pizzeria-marienkaefer.de</a> <i>Marienstr. 18, 10117 Berlin (Walking distance from the venue: 13 min)</i>

## Wednesday, March 12, 2025

09:00 - 10:00	<b>Keynote Lecture 4</b>
	<b>Veronica Witte</b> (Leipzig University Clinic; MPI CBS Leipzig) <i>Exploring the impact of the gut-brain axis on cognitive aging and decision-making</i>
	<b>Chairs:</b> <i>Hadas Okon-Singer (University of Haifa; MPI CBS Leipzig) &amp; Nadine Herzog (MindBrainBody; MPI CBS Leipzig)</i>
10:00 – 10:30	<b>Coffee Break</b>
10:30 – 12:00	<b>Panel 3: Presentations by 6 Participants</b>
	<b>Carlotta Isabella Zona</b> (University of Potsdam) <i>Label-induced categorization bias in 2D manual pointing</i>
	<b>Michal Weiss</b> (University of Haifa) <i>Developing a Machine-Learning-Based Diagnostic Tool for Fibromyalgia Using Multi Modal Approach</i>
	<b>Carlos Ventura-Bort</b> (University of Potsdam) <i>The Correspondence between Arousal and the Late Positive Potential using Representational Similarity Analysis</i>
	<b>Irene Senatore</b> (Berlin School of Mind and Brain, Humboldt-Universitaet zu Berlin) <i>Mapping Epistemic Priors of Hyperscanning Psychotherapy: The Asymmetry and Reciprocity Blindspots</i>
	<b>Yvonne Serhan</b> (University of Haifa) <i>The individuality of connectivity gradients arises from the complexity and dispersion of the embedded networks</i>
	<b>George Fejer</b> (University of Konstanz) <i>Altered States of Viscerality: Augmenting Breathwork with Bio-Responsive Virtual Reality to Induce Altered States of Consciousness and Spontaneous Shifts in Breathing</i>
	<b>Chairs:</b> <i>Tilman Stephani (Donders Institute, Nijmegen), Kim Hoffmann &amp; Asli Akdeniz (MindBrainBody; MPI CBS Leipzig)</i>
12:00 – 13:00	<b>Lunch Break</b>
13:00 – 14:00	<b>Special Talks</b>
	<b>Micah Allen</b> (Aarhus University) <i>Noradrenergic Beta-Blockade Reveals Distinct Mechanisms of Cardiac and Respiratory Interoception</i>
	<b>Lioba Enk</b> (MPI CBS Leipzig; Max Planck School of Cognition) <i>Tracking citation diversity and representativeness – how and why?</i>
	<b>Chairs:</b> <i>Alina Studendova &amp; Niket Aggarwal (MindBrainBody; MPI CBS Leipzig)</i>
14:00 – 14:30	<b>Coffee Break</b>
14:30 – 15:30	<b>Keynote Lecture 5</b>
	<b>Ivan de Araujo</b> (Max Planck Institute for Biological Cybernetics, Tübingen) <i>Brain-Body Regulation of Musosal Immunity</i>
	<b>Chairs:</b> <i>Maria Azanova &amp; Fivos Iliopoulos (MindBrainBody; MPI CBS Leipzig)</i>
15:30 – 16:00	<b>Awards &amp; Closing Remarks</b>
	<b>Arno Villringer</b> (MindBrainBody; MPI CBS Leipzig)