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|                            | MONDAY, 01.09.2025   |  |   |   |   |
| 08:00 – 08:45              | REGISTRATION   |  |   |   |   |
| 08:45 – 09:00              | WELCOME SPEECH   |  |   |   |   |
| 09:00 – 10:00<br>(SAAL 2A) | Susanna Schellenberg<br><i>Metacognition and Reflexive Representations in LLMs</i><br>KEYNOTE TALK   |  |   |   |   |
| 10:00 – 10:30              | Coffee break   |  |   |   |   |
|                            | INVITED SYMPOSIUM I (SAAL 2A)  | CONTRIBUTED SYMPOSIUM 8 (SAAL 1)   |   | CONTRIBUTED SYMPOSIUM 6 (SAAL 3)  |   |
| 10:30 – 12:30              | Neural correlates and functions of consciousness in humans and nonhuman animals  | Brains in space – The structure and metric of the cognitive map  |   | Cognitive aspects of trust in human-AI teams  |   |
| 12:30 – 14:00              | Lunch  |  |   |   |   |
|                            | Parallel Paper Sessions 1-5  |  |   |   |   |
| 14:00 – 15:30              | 1 – LLM's And Other Smart Tools  | 2 – Consciousness & Imagination  | 3 – Psycholinguistics, Linguistic Processing & Knowledge  | 4 – Computational Modeling: Learning, Memory & Meta Control   | 5 – Mental Disorders  |
| 14:00 – 14:30              | Large Language Models as Translators of Thought: Automatic Coding of Verbal Reports for a Rule-Based Categorization Experiment<br>Dominik Ürüm | A state model of consciousness: From elementary qualities to intentionality<br>Ulrich Krohs                                  | Inferring truth: A psycholinguistic look into direct and accommodated evidence<br>Benjamin Peters & Asya Achimova | Controlling Meta-Control: Deriving and minimizing the Costs and Benefits of Meta-Control<br>Martin Butz | Causal connectives and cognitive flexibility in first-episode of psychosis<br>Klaus Von Heusinger |
| 14:30 – 15:00              | LLMs, Instrumental Knowledge and Epistemic Agency<br>Steven McGannon & Anna-Mari Wallenberg  | Aphantasia and Unconscious Imagery: A Critical Assessment from the Perspective of Shared Representations<br>Christian Scholz | Embedding Psycholinguistics: An Interactive Framework for Studying Language in Action<br>Amit Singh               | Familiarity Memory in Recurrent Spiking Neural Networks<br>Viktoria Zemliak                             | Speech Disfluency as a Cognitive-Linguistic Marker of Early Psychosis<br>Derya Cokal              |

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| 15:00 – 15:30              | <b>Smart Minds and Smarter Tools: Human Cognition in the Age of AI</b><br>Louis Loock                       | <b>Assessment or Attribution of Consciousness in AI Systems?</b><br>Tobias Schlicht | <b>Cognitive Processing of Probability Information in Attributions of Justification and Knowledge</b><br>Leandra Bucher | <b>Mapping representational and computational dynamics during feedback processing in a reinforcement learning task</b><br>Nick Augustat | <b>Differences in cognitive focus on meaning vs. form in auditory language processing between autistic and non-autistic adults</b><br>Jannik Suehling |
| 15:30 – 16:00              | Coffee break  |   |   |   |   |
| 16:00 – 17:00<br>(SAAL 2A) | <b>Rebecca Böhme</b><br><i>The Bodily Self in Neurotypical and Neurodiverse Populations</i><br>KEYNOTE TALK |   |   |   |   |
| 17:00 – 19:00              | Poster Session  |   |   |   |   |
| 19:30                      | Dinner recommendation (optional): Q-West (on Campus)  |   |   |   |   |

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|                            | <b>TUESDAY, 02.09.2024</b>   |   |  |
| 09:00 – 10:00<br>(SAAL 2A) | <b>Cameron Buckner</b><br><i>Second thoughts about Chains-of-Thought: Self-talk, transparency, and (artificial) reason</i><br>KEYNOTE TALK |   |  |
| 10:00 – 10:30              | Coffee break   |   |  |
|                            | <b>CONTRIBUTED SYMPOSIUM 5 (SAAL 2A)</b>   | <b>CONTRIBUTED SYMPOSIUM 9 (SAAL 1)</b> | <b>CONTRIBUTED SYMPOSIUM 7 (SAAL 3)</b>  |
| 10:30 – 12:30              | <b>Animal cognition from a comparative perspective (Exact title: TBA)</b>  | <b>The complexity of pain</b>           | <b>Why care about ChatGPT's thoughts? – On the methodological value of the cognitive science of AI</b> |
| 12:30 – 13:30              | Lunch  |   |  |
| 13:30 – 15:30              | Poster Session and Coffee  |   |  |
|                            | Parallel Paper Sessions 6-10   |   |  |

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| 15:30 – 17:00              | <b>6 – Artificial Consciousness</b>   | <b>7 – Morality, Epistemic Agency &amp; Belief</b>  | <b>8 – Applications of Computational Models</b>  | <b>9 – Social Cognition in Development and Education</b>  | <b>10 – Linguistic Processing: Object Representation and Cognitive Development</b>  |
| 15:30 – 16:00              | Three levels of distinction between biological and artificial consciousness<br>Aïda Elamrani                    | Moral Language and Moore's Paradox: Evidence for Moral Expressivism<br>Pascale Willemsen & Lucien Baumgartner | Implementing a computational cognitive process model of medical diagnostic reasoning<br>Dominik Battefeld                                      | Rolling with the Rhythm: Investigating Group Behavior and Heart Rate Synchrony in Classrooms<br>Witold Kraszewski         | Visual attention influences children's order of mention in conjoined noun phrases but not in transitive sentences<br>Martina Penke  |
| 16:00 – 16:30              | Digital minds? Reconciling folk psychology and consciousness science<br>Henry Shevlin                           | On hostile epistemic actions<br>David Spurrett  | A Computational Approach to Adaptive Explanation Generation Based on Cognitive Partner Models<br>Amelie Sophie Robrecht                        | Intractability in Social Cognition & the role of mindshaping for the ontogenetic development of mindreading<br>Julia Wolf | Exploring the Potential of Recurrence-Based Eye Movement Measures for Mobile and Webcam-Based Applications in Reading Research: Effects of Sampling Rate<br>Moritz Bammel |
| 16:30 – 17:00              | From metaphysical disputes to open empirical questions: AI consciousness as a scientific problem<br>Wanja Wiese | The ABC of believing: a theory of flexible belief construction<br>Francesco Marchi                            | Evidence for Hill-function power law of subjective mental workload using air-traffic control human-in-the-loop simulation<br>Norbert Fürstenau | A radically embodied trajectory towards human intersubjectivity<br>Christian Kliesch                                      | From Egocentric Snapshots to Holistic Object Codes: A Contrastive Account of Infant Learning<br>Erik Ayari & Manuel Traub   |
| 17:00 – 18:00<br>(SAAL 2A) | <b>Angela Yu</b><br><b><i>Title TBA</i></b><br><b>KEYNOTE TALK</b>  |   |  |   |   |
| 19:00 – 21:30              | Dinner  |   |  |   |   |

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|                            | WEDNESDAY, 03.09.2024  |  |  |  |  |
| 09:00 – 10:00<br>(SAAL 2A) | Lars Chittka<br><i>The Mind of a Bee</i><br>KEYNOTE TALK   |  |  |  |  |
| 10:00 – 10:30              | Coffee break   |  |  |  |  |
|                            | INVITED SYMPOSIUM II (SAAL 2A)   |  | CONTRIBUTED SYMPOSIUM 3 (SAAL 1)   |  | CONTRIBUTED SYMPOSIUM 4 (SAAL 3)   |
| 10:30 – 12:30              | Sensory Augmentation – Extending the Mind  |  | Automated scientific discovery of mind and brain   |  | Affected Beliefs – Mechanisms underlying the formation and change of self-beliefs in humans and AI |
| 12:30 – 14:00              | Lunch  |  |  |  |  |
| 14:00 – 15:00<br>(SAAL 2A) | Stefan Scherbaum<br><i>System Constellations as Embodied Social Contexts</i><br>KEYNOTE TALK                             |  |  |  |  |
| 15:00 – 15:10              | Coffee break   |  |  |  |  |
|                            | Parallel Paper Sessions Paper 11-15  |  |  |  |  |
| 15:10 – 16:40              | 11 – Animal Cognition & Evolutionary Ethics  | 12 – Language & Thought  | 13 – Sensory Processing & Imagination  | 14 – Culture & Gender  | 15 – Conceptual Spaces & Mental Representations  |
| 15:10 – 15:40              | Rhythms beyond words: Using deep learning to explore temporal structures in Jackdaw vocal communication<br>Lutz Wehrland | Interaction of syntactic function and negation during sentence production<br>Fenja Plate-Güneş | Influence of Negative and Positive Ambient Scent On Wayfinding Performance and Implicit Memory<br>Mira Schwarz | A Situational Judgement Test to Measure Critical versus Dialectical Thinking: Examining the Roles of Culture and Gender<br>Aalia Nosheen & Annette Hohenberger | Conceptual Spaces as Predictive Models?<br>Scholz Sebastian  |

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| 15:40 – 16:10              | <b>The evolution of imagination: A neural transition from reptiles to mammals</b><br>Oryan Zacks                  | <b>When default inferences override contextual information in polysemy comprehension: Explaining fallacies of equivocation</b><br>Eugen Fischer | <b>Control in auditory verbal hallucinations</b><br>Jonida Kodra | <b>Gender-fair language beyond orthographic norms: Eye-tracking evidence on the readability of the binary capital-I form and the nonbinary gender star in German</b><br>Lisa Zacharski | <b>Enriching Predictive Processing to account for Higher Cognition: Simulation, Language, and Conceptual Spaces</b><br>Jannis Friedrich |
| 16:10 – 16:40              | <b>Towards a modestly prescriptive evolutionary ethics</b><br>Maria Sekatskaya                                    | <b>Between grammar and thought: Do we think like we speak?</b><br>Feixue Zhao   | <b>Why is Mind Wandering Effortless?</b><br>Yizhi Li             | <b>The election outcome was interesting! Strategic indirectness in a cross-cultural perspective</b><br>Asya Achimova   | <b>maxMI: the Implicit Theory of Content in Cognitive Neuroscience</b><br>Johan Heemskerk   |
| 16:40 – 17:00              | Coffee break  |   |  |  |   |
| 17:00 – 18:00<br>(SAAL 2A) | <b>Stefanie Höhl</b><br><i><b>A Developmental Framework of Interpersonal Synchrony</b></i><br><b>KEYNOTE TALK</b> |   |  |  |   |