



International Workshop on Modal and Amodal Cognition

Date: 15.05.2024 – 17.05.2024

Location: Universität Tübingen, Alte Aula, Münzgasse 30, 72070 Tübingen

This workshop will bring together international experts from psychology and related disciplines, to explore and discuss issues related to the format of mental representations, with a particular focus on the role of modal and amodal representations in various fields of human cognition (including perception, learning, thinking, motor processing, emotion, etc.).

We are convinced that this workshop will provide a great chance to network with fellow international researchers and establish collaborations within the field while enjoying the charms of Tübingen, which is known for its picturesque old town, historic university, and scenic setting along the Neckar River.

Organizers

Karin Bausenhardt

Barbara Kaup

Rolf Ulrich

Programme overview

Tuesday, May 14th, 2024

6:30 pm	Warming up, Restaurant “Mauganeschtle” Burgsteige 18, 72070 Tübingen	
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Wednesday, May 15th, 2024

09:15 am – 10:30 am	Talk Session 1	
9:15 am – 9:30 am	<i>Welcome</i>	
9:30 am – 10:30 am	<i>Modal and amodal cognition: An overarching principle</i>	Research Unit FOR 2718
10:30 am – 11:00 am	Coffee and Exchange	
11:00 am – 12:30 pm	Talk Session 2: Perception	
11:00 am- 11:30 am	<i>Perception is modal iconic, non-propositional and non-conceptual whereas cognition is amodal, discursive and conceptual</i>	Ned Block, New York University
11:30 am - 12:00 pm	<i>The role of object structure in representational updating</i>	Cathleen Moore, University of Iowa
12:00 pm – 12:30 pm	<i>Head-shape invariant representation of dynamic facial expressions</i>	Martin Giese, University of Tübingen
12:30 pm – 2:00 pm	Lunch break	
2:00 pm – 3:30 pm	Poster Session and Coffee	

3:30 pm – 5:00 pm	Talk Session 3: Memory & Knowledge	
3:30 pm – 4:00 pm	<i>Memory consolidation in wakefulness and sleep</i>	Monika Schönauer, University of Freiburg
4:00 pm – 4:30 pm	<i>Does multisensory integration benefit memory?</i>	Diane Pecher, Brandon Keytel, & René Zeelenberg, Erasmus University Rotterdam
4:30 pm – 5:00 pm	<i>Investigating the representational format of knowledge: Evidences and insights</i>	Elisa Scerrati, Catholic University of the Sacred Heart Milan
6:30 pm – 10:00 pm	Get-together at the Guest House of University of Tübingen Lessingweg 3, 72076 Tübingen	

Thursday, May 16th, 2024

09:00 am – 10:30 am	Talk Session 4: Language	
9:00 am – 9:30 am	<i>How different are modal and amodal representations?</i>	Soonja Choi ^{1,2} & Ulrich Ansorge ² ¹ San Diego State University ² University of Vienna
9:30 am – 10:00 am	<i>Modal and amodal meaning components in language production</i>	Rasha Abdel Rahman, HU Berlin
10:00 am – 10:30 am	<i>Mental simulation in non-native speakers during language comprehension</i>	René Zeelenberg & Diane Pecher Erasmus University Rotterdam
10:30 am – 11:00 am	Coffee and Exchange	

11:00 am – 12:30 pm	Talk Session 5: Adaptation & Control	
11:00 am – 11:30 am	<i>Modality effects in cognitive control: Evidence from task switching</i>	Iring Koch, RWTH Aachen
11:30 am – 12:00 am	<i>First the bones then the flesh: Toward a goal-directed explanation of maladaptive behavior</i>	Agnes Moors, KU Leuven
12:00 am – 12:30 am	<i>Episodic representations can be both modal and amodal and support flexible relational responding</i>	Jan De Houwer, University of Ghent
12:30 pm – 2:00 pm	Lunch Break	
2:00 pm – 3:30 pm	Talk Session 6: Perception & Action	
2:00 pm – 2:30 pm	<i>On the relationship between features of an action plan in working memory and the speeded naming of tools/utensils: New empirical evidence and a theoretical framework</i>	Daniel Bub, University of Victoria
2:30 pm – 3:00 pm	<i>Thoughts about actions and outcomes (and what they lead to)</i>	Ruud Custers, Utrecht University
3:00 pm – 3:30 pm	<i>Predictions and perception in the human brain - in Gestalt, colour, and magic</i>	Andreas Bartels, University of Tübingen
3:30 pm – 4:00 pm	Coffee and Exchange	
4:00 pm – 5:00 pm	Panel Discussion <i>Panelists: Monika Schönauer, Diane Pecher, Martin Fischer, Hanspeter Mallot</i>	Host: HC Nuerk
5:30	Networking on the Neckar: Punting Boat Trip	

Friday, May 17th, 2024

09:00 am - 10:30 am	Talk Session 7: Numeric Cognition	
9:00 am – 9:30 am	<i>Developmental dynamics between innate and acquired representation: The case of numerical cognition</i>	Daniel Ansari, Western University Ontario
9:30 am – 10:00 am	<i>Representation and process in embodied cognition: The case of number concepts</i>	Martin Fischer, University of Potsdam
10:00 am – 10:30 am	Coffee and Exchange	
10:30 am – 12:00 pm	Talk Session 8: Language & Thinking	
10:30 am – 11:00 am	<i>In and out of sight: Processing concepts in situated and displaced contexts</i>	Gabriella Vigliocco, University College London
11:00 am – 11:30 am	<i>Grounding of concrete and abstract concepts in modal experiential brain systems related to perception, action, and introspection</i>	Markus Kiefer, University of Ulm
11:30 am – 12:00 am	<i>The format of representations of the abstract relations same and different in prelinguistic thought</i>	Susan Carey, Harvard University
12:30 pm	Farewell	

(Note: this preliminary schedule may be subject to further changes).