



# 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 aims to 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

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## List of invited speakers

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- **Agnes Moors, KU Leuven**  
First the bones then the flesh: Toward a goal-directed explanation of maladaptive behavior
- **Andreas Bartels, University of Tübingen**  
Predictions and perception in the human brain - in Gestalt, colour, and magic
- **Cathleen Moore, University of Iowa**  
The role of object structure in representational updating
- **Daniel Ansari, Western University Ontario**  
Developmental dynamics between innate and acquired representation: The case of numerical cognition
- **Daniel Bub, University of Victoria**  
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
- **Diane Pecher, Erasmus University Rotterdam**  
Does multisensory integration benefit memory?
- **Elisa Scerrati, University of Bologna**  
Investigating the representational format of knowledge: Evidences and insights
- **Gabriella Vigliocco, University College London**  
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- **Iring Koch, RWTH Aachen**  
Modality effects in cognitive control: Evidence from task switching
- **Jan De Houwer, University of Ghent**  
Episodic representations can be both modal and amodal and support flexible relational responding
- **Markus Kiefer, University of Ulm**  
Grounding of concrete and abstract concepts in modal experiential brain systems related perception, action and introspection
- **Martin Fischer, University of Potsdam**  
Representation and process in embodied cognition: The case of number concepts
- **Martin Giese, University of Tuebingen**  
Head-shape invariant representation of dynamic facial expressions
- **Monika Schönauer, University of Freiburg**  
Memory consolidation in wakefulness and sleep.

- **Ned Block, New York University**  
Perception is modal iconic, non-propositional and non-conceptual whereas cognition is amodal, discursive and conceptual
- **Rasha Abdel Rahman, HU Berlin**  
Modal and amodal meaning components in language production
- **Rene Zeelenberg, Erasmus University Rotterdam**  
Mental simulation in non-native speakers during language comprehension
- **Ruud Custers, Utrecht University**  
Thoughts about actions and outcomes (and what they lead to)
- **Soonja Choi, University of Vienna, San Diego State University, & Ulrich Ansorge, University of Vienna**  
How different are modal and amodal representations?
- **Susan Carey, Harvard University**  
The format of representations of the abstract relations same and different in prelinguistic thought

## Programme overview

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### Wednesday, May 15<sup>th</sup>, 2024

09:00 am	10:30 am	Talk Session 1
10:30 am	11:00 am	Coffee and Exchange
11:00 am	12:30 pm	Talk Session 2
12:30 pm	1:45 pm	Lunch break
1:45 pm	3:30 pm	Poster Session + Coffee
3:30 pm	5:00 pm	Talk Session 3
6:30 pm	10:00 pm	Networking Event: <i>Guest House University Tuebingen</i>

### Thursday, May 16<sup>th</sup>, 2024

09:00 am	10:30 am	Talk Session 4
10:30 am	11:00 am	Coffee and Exchange
11:00 am	12:30 pm	Talk Session 5
12:30 pm	1:45 pm	Lunch break
1:45 pm	3:15 pm	Talk Session 6
3:15 pm	3:45 pm	Coffee and Exchange
3:45 pm	4:45 pm	Panel discussion
5:00 pm		Networking on the Neckar

### Friday, May 17<sup>th</sup>, 2024

09:00 am	10:30 am	Talk Session 7
10:30 am	11:00 am	Coffee and Exchange
11:00 am	12:30 pm	Talk Session 8
12:30 pm		Farewell

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