WinterTerm 2024/25   Cognitive Modeling Colloquium

The Cognitive Modeling Colloquium always takes place on Mondays from 9:15 to 10:45 in room C 412, Sand 14, during the lecture period. Please feel free to drop by! The lectures for students are marked.

Date	Speaker	Title and abstract	Participation
Nov 12th	Mudar Adas	**How indirect communication can overcome the cognitive biases and the in-group favouritism**	**Open for students**
Nov 26th	Manuel Traub	**Resolution-independent Object Tracking via Foveal-inspired Multi-scale Patching** We propose a resolution-independent object tracking framework leveraging a foveal-inspired multi-scale patching mechanism. By dynamically sampling high-resolution patches near the object center and lower-resolution patches for surrounding context, the method efficiently focuses on critical regions without processing the entire image at high resolution. This foveal-like approach enhances robustness to scale variations and improves tracking accuracy while reducing computational overhead. Specialized attention mechanisms further refine positional and perceptual information for precise object tracking across diverse scenarios.	**Open for students**