

Zehn Jahre
“Gießener Abendgespräche Kognition und Gehirn”
Schwerpunkt: Kognition und Gesellschaft

Mittwoch, 18.00 bis 20.00 Uhr im Philosophikum I, Raum F5

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**Social Cognitive Systems —
Studying and Modeling Dynamic Cognition in Social Interaction
(Vortrag auf Deutsch)**

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The human mind has evolved to navigate rich social environments and to engage in purposeful social interaction with other mindful agents. The study of these abilities has attained increasing attention, sometimes described as the „social turn“ in Cognitive Science and Cognitive Neuroscience. However, many questions about the human social brain and how it brings about its rich and flexible abilities for social perception, mind-reading, verbal or nonverbal communication and dynamic conversational interaction are still largely open. Insights into these questions will not only further our fundamental understanding of human cognition and culture, but also promise to enable the realization of social cognitive systems (like robots or avatars) that can interact and cooperate with us in more efficient and "compatible“ ways — by being able to understand and respond to their human interaction partners more adequately and by representing synthetic cognitive entities themselves. I will present examples from several projects along these lines that aim to study, model and evaluate advanced socio-cognitive abilities for (1) adapting dynamically in natural dialogue or tutoring, (2) communicating efficiently using speech and gesture, and (3) explaining others' actions in terms of adequate mental states.

Alle Interessierten sind herzlich willkommen!