HEINRICH HEINE
UNIVERSITÄT
DÜSSELDORF

SFB 991

Der Sonderforschungsbereich 991 "Die Struktur von Repräsentationen in Sprache, Kognition und Wissenschaft" lädt herzlich ein zum Vortrag von

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Embodied language understanding: Insights from cognitive neuroscience

One prediction from an embodied cognition perspective is that language is understood via sensori-motor simulation of its semantic content. Evidence from cognitive neuroscience has been taken to support this idea. For instance, when people read about concrete actions (‘he throws the ball’), their motor cortex is activated, even while they are passively reading the sentence. While intriguing, it is still unclear how motor cortex activation plays a role in language understanding. In this talk I want to evaluate some recent work that we did that tries to refine how sensori-motor systems play a role in language comprehension. I will present results from studies in which participants read single words, as well as from our most recent work in which we study sensori-motor simulation during the understanding of narratives.

Studierende und andere Interessierte sind herzlich willkommen.