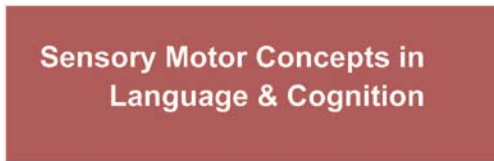




Proceedings in Language and Cognition 1

Edited by
Liane Ströbel



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düsseldorf university press

Sensory Motor Concepts in Language & Cognition

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Band 1 der Reihe:
Proceedings in Language and Cognition

DFG-Sonderforschungsbereich 991

Düsseldorf 2016

ISBN: 978-3-943460-94-0

Preis: 39,80 €

Softcover, 222 Seiten

The question as to how the mind creates “mental images” of concepts and memories, and how we use them in communication and thought, has fascinated philosophers for centuries. While it seems obvious that we acquire the meaning of objects, actions, words and abstract entities through our senses by interacting with our environment, the question as to how our bodies and environment shape the representation of meaning in mind and brain is still highly controversial in cognitive science. The analysis of every-day usage of language, the measurement of reaction times in laboratory tasks, or imaging the brain activity during language comprehension have provided us with a wealth of data on the role of sensory-motor knowledge in language. However, the excitement over the interdisciplinarity of this research area also comes at a cost: Are we all talking about the same things when we talk about embodiment or the role of sensory-motor systems? While for some researchers embodiment manifests itself in the different usage of verbs in metaphors, others require changes in brain activity in specific parts of the cortex. The conference “Sensory Motor Concepts in Language and Cognition” provided an ideal forum to discuss issues like these, and brought together world-leading experts from several relevant disciplines. It became apparent that the abstract concept of embodiment is itself embodied in different ways in language corpora, reaction times and brain activation. We may not all ask the same questions. But connecting different theoretical approaches will help us to ask better questions, and introducing each other to different methodological approaches will help us answering them. (Olaf Hauk, Cambridge)

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