



RWTHAACHEN
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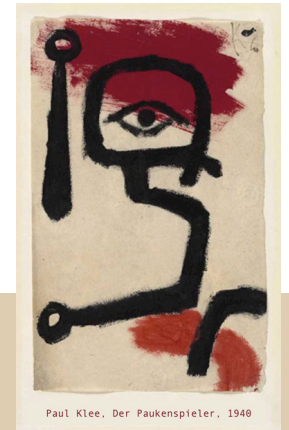
Organizers

Natural Media & Engineering, HumTec

Irene Mittelberg, Vito Evola, Sukeshini Grandhi, Gina Joue
<http://www.humtec.rwth-aachen.de/naturalmedia>

Interdisciplinary Center for Clinical Research (IZKF-BIOMAT),
University Hospital Aachen

Ferdinand Binkofski, Klaus Mathiak, Klaus Willmes, Anna Pohl
<http://www.izkf.rwth-aachen.de/>



Paul Klee, Der Paukspieler, 1940

The Embodied Mind

Motion in Communication and Cognition Research

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JARA|BRAIN
Translational Brain Medicine

IRTG₁₃₂₈
Schizophrenia and Autism

April 8-9, 2011 (Fri-Sat)
RWTH Aachen University
SuperC, 6th floor, Templergraben 57
Aachen, Germany

Friday, April 8

- 08:30 – 09:00 Registration & coffee
09:00 – 09:30 Welcome and introduction
Irene Mittelberg (HumTec) and Klaus Willmes (IZKF)

Session I: Cognition, Language and the Body

- 09:30 – 10:15 **Sotaro Kita** (U Birmingham, UK):
Gesture, language and cognition
10:15 – 11:00 **Robert Williams** (Lawrence U, Wisconsin, USA):
Gesture, Conceptualization, and Distributed Cognition
11:00 – 11:30 *coffee/tea break*
11:30 – 12:15 **Nick Enfield** (MPI Nijmegen, NL):
Rational heuristics for semiotic unification
12:15 – 12:45 Panel discussion (moderator: I. Mittelberg)
12:45 – 14:00 *lunch (light lunch will be provided in the foyer)*

Poster Session

- 14:00 – 15:00 all posters in foyer

Session II: Human Computer Interaction and Brain-Computer Interfaces

- 15:00 – 15:15 Introduction: Klaus Mathiak (IZKF)
15:15 – 16:00 **Ipke Wachsmuth** (U Bielefeld, DE):
Modeling Empathy in a Virtual Human
16:00 – 16:45 **Mikko Sams** (U Helsinki, FI):
Studying neural mechanisms of intersubjectivity
16:45 – 17:15 *coffee/tea break*
17:15 – 18:00 **Nikolaus Weiskopf** (UCL, UK):
Real-time fMRI used as a brain-computer interface
18:00 – 18:30 Panel discussion (moderator: K. Mathiak)

Saturday, April 9

Session III: Cognitive Neuroscience

- 09:30 – 09:45 Introduction: Ferdinand Binkofski (IZKF)
09:45 – 10:30 **Anna Borghi** (U Bologna, IT):
Affordances, tools, and words as social tools
10:30 – 11:15 **Giovanni Buccino** (U Parma, IT):
How the motor system handles nouns and verbs
11:15 – 11:45 *coffee/tea break*
11:45 – 12:30 **Joachim Hermsdoerfer** (TU Munich, DE):
What movement analyses can contribute to the understanding of tool use representations in healthy subjects and apraxic patients
12:30 – 13:00 Panel discussion (moderator: F. Binkofski)
13:00 – 13:15 Closing remarks
13:15 – 14:30 *lunch (light lunch will be provided in the foyer)*

15:30 – 16:30 optional visit to the Natural Media Lab (HumTec)
Theaterplatz 14, 4th floor