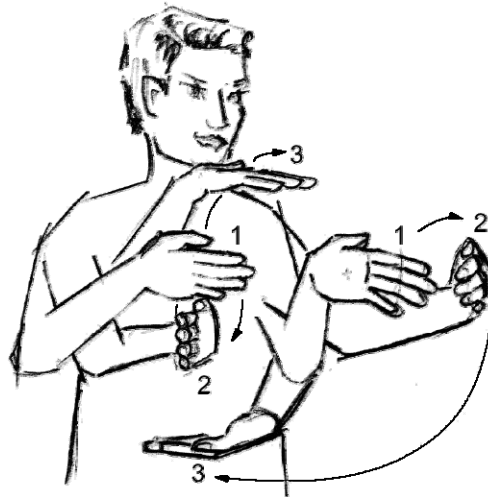




Universität Bielefeld

ZiF

Zentrum für
interdisziplinäre Forschung



PROGRAM

Opening Conference
Embodied Communication I

October 5 - 8, 2005

**Scientific Organizers: Ipke Wachsmuth (Bielefeld) and
Günther Knoblich (Newark)
Assistant to the Research Group: Manuela Lenzen (Bielefeld)**

Tuesday - October 4, 2005

Arrival

From 20:00 Informal get-together at Brauhaus Joh. Albrecht, Hagenbruchstr. 8

Wednesday - October 5, 2005

9:30 Welcome Address by Ipke Wachsmuth, Managing Director of the ZiF
Introduction: Ipke Wachsmuth and Günther Knoblich

All talks should be prepared to encompass some 20 - 25 min. to allow time for discussion

The Rediscovery of the Body

10:00 **Wolfgang Prinz:** Mirrors for embodied communication

10:35 **Charles Goodwin:** Multimodal embodiment in human interaction

11:10 - *Coffee break* -

11:40 **Rafael Núñez:** Embodied X: What does it really mean?

12:15 **Ipke Wachsmuth:** The future Max

13:00 - *Lunch* -

Physiology of Embodiment

14:30 **Leonardo Fogassi:** The role of the mirror system in embodied communication

15:05 **Bennett I. Bertenthal:** Two modes for understanding actions

15:40 - *Coffee break* -

16:10 **Pointlight Dancers:** Mareike Mayer, Artur Minosjan
Choreographer: Uta Czyrnick-Leber

16:20 **Isabella Poggi:** Movement, cognition, emotion, and communication in the pianist's body

16:55 **Michael Arbib:** Embodying neurolinguistics

17:30 **Joëlle Proust:** Body image and body schema in communicating agents

19:00 *Dinner at ZiF*

20:00 **Pan Groove Steel Orchestra**
Informal get-together

Gestures, Words, and Thoughts

- 9:00 **Adam Kendon:** Some troubles with 'gesture'
- 9:35 **David McNeill:** Gesture and thought
- 10:10 - *Coffee break* -
- 10:40 **Elisabeth Ahlsén, Jens Allwood:** Own communication management: An analysis of speech and gesture
- 11:15 **Catherine Pelachaud:** From annotated corpus of real data to animated ECAs
- 11:50 **Stefan Kopp, Timo Sowa:** Complex gesture imitation in a virtual human
- 12:30 - *Lunch* -

Rethinking Systems

- 14:30 **Gregor Schöner:** Dynamic field theory as a framework for understanding embodied cognition
- 15:05 **J. Scott Jordan:** Wild cognitive systems and the role of control in embodied cognition
- 15:40 - *Coffee break* -

Verbal Communication

- 16:10 **Arthur M. Glenberg:** Contribution of emotional systems to language comprehension
- 16:45 **Tanya Kraljic:** On the dynamic integration of high- and low-level information in verbal communication
- 17:20 **Albert Newen:** Principles of human communication underlying demonstrative reference and their dependence on embodiment
- 19:00 *Reception by the Mayor of Bielefeld, Old Town Hall*

Communication Machines

- 9:00 **Shuji Hashimoto:** Embodiment of KANSEI communication between human and machine
- 9:35 **Helmut Prendinger:** Human physiology based methods for designing and evaluating communication with embodied agents
- 10:10 - *Coffee break* -
- 10:40 **Toyoaki Nishida:** Integrating interaction- and content-oriented views to conversational artefacts
- 11:15 **Karl Grammer:** The reconstruction of facial expressions in embodied systems: new approaches to an old problem
- 11:50 **Aude Billard:** Selective imitation in robots: A key step towards complex human-robot interactions

12:30 - *Lunch* -

Action and Interaction

- 14:30 **Janet B. Bavelas:** Conversational facial displays
- 15:05 **Winand H. Dittrich:** Perception of facial signals of emotion
- 15:40 - *Coffee break* -
- 16:10 Discussion slot
- 16:45 **Maggie Shiffrar:** The visual analysis of identity and emotion
- 17:20 **Natalie Sebanz, Günther Knoblich:** The social nature of perception and action: From mimicry to cooperation

(Dinner on own / t.b.a.)

Saturday - October 8, 2005

Social Embodiment

- 9:00 **Bruno Galantucci:** Studying the emergence of human communication systems in the laboratory
- 9:35 **John Barresi:** Intentional relations and embodied communication
- 10:10 **Uta & Chris Frith:** Closing the loop in two-person interactions
- 10:45 - *Coffee break* -
- 11:15 General discussion: Integrating perspectives
- 12:30 - *Lunch* -
- End of the conference -
- 15:00 Preview
 "The Making of"
 Viola Stephan, SREDA Films Berlin