# Universität Bielefeld

# Bielefeld Gesture Workshop
# September 17-19, 1997

## Gesture- and Sign-Language Based Communication in Human-Computer Interaction

**An interdisciplinary event for those researching gesture-based interfaces and who want to meet and exchange ideas across disciplines.**

The purpose of this workshop is to bring together researchers working on gesture-based interfaces, gestural interaction, and sign-language. Under the focus of human-computer interfaces, the workshop will encompass all aspects of gestural interaction, including (but not restricted to):

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| what are gestures? | what do gestures convey about intentions? |
| appropriateness of gestures and interfaces | multimedia user interfaces |
| segmentation problem | gesture semantics |
| gesture-based interaction for interfaces and applications | techniques and algorithms for gesture recognition and segmentation |
| gesture and speech integration | sign-language recognition |

Proceedings of the work presented at the workshop will be published and made available to both those attending the workshop and others. Writing guidelines are available on request.
The workshop will be held at the Centre for Interdisciplinary Research (ZiF) in Bielefeld near the campus of the university. Bielefeld (~300 000 inhabitants) is located in North Germany.

### Call for Participation

You are invited to present your work (at whatever stage) in form of a paper, poster or demonstration and to attend the workshop, even if you do not present some work. We will have non-overlapping sessions structured by subtopics and will allow for plenty of time for discussions.
Everybody who wishes to receive the registration form should write to the organisers.

### Submission details

We would like to stress that we are interested in submissions of work that is currently in progress, regardless of the stage of the work. Also we would like to stress that this workshop is intended as an interdisciplinary event. In writing, please use language that is understood across disciplines.
Submissions that clearly state significance and state of the work are solicited in the form of papers (up to 12 pages) or extended abstracts (2 pages). Please send your submission to the organisers (gw97@TechFak.Uni-Bielefeld.DE) or send it by fax or post using the details below.

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## Bielefeld Gesture Workshop 1997

### Deadlines:

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|---|---|
| March 27, 1997 | Extended abstracts or full paper submissions |
| May 05, 1997 | Notification of authors (abstracts and papers) |
| June 06, 1997 | Poster and demo submissions |
| July 07, 1997 | Notification of authors (poster and demo) |

Proceedings will be published after the workshop. Details for final papers will be given at the workshop. Please note that you have to register if you want to present your work.

### Attending the Workshop

If you are interested in attending the workshop, use the attached registration form. Only hardcopy registrations (mailed or faxed) are accepted!

## Workshop fees:

| | **Registration Fee**[a] | |
|---|---|---|
| | **early (until 4. Aug. 97)** | **normal (from 5. Aug. 97)** |
| **Standard** | DM 230,- | DM 280,- |
| **Students**[b] | DM 105,- | DM 120,- |

a. The dates reflect our reception of the payment!

b. Copy of international or german certificate of studentship required.

The fees include lunch, coffee/tea/biscuits, and dinner on the days of the workshop and the proceedings. Payment: See the registration forms for details, please.
Very simple accommodation (shared bathrooms etc.) is available in limited number directly at the ZiF. The rooms (called 'Studios') are available for a surcharge of DM 20,- per night incl. simple continental breakfast. They will be reserved on a first come, first served basis. Furthermore the University of Bielefeld and the ZiF have special arrangements with a number of hotels in Bielefeld. Workshop participants are entitled for a special discount at those hotels. See the registration form for details.

**The workshop is held with the help of the Graduate Study Program ‚Task-oriented Communication' and the Centre for Interdisciplinary Research (ZiF) and will be held at the ZiF.**