



Universität Bielefeld



The newly established Center of Excellence “**Cognitive Interaction Technology**” at Bielefeld University combines interdisciplinary efforts to elevate the command of technical systems to the level of cognitive interaction with humans. For more details, see www.cit-ec.de.

In the Center of Excellence a new research group „**Sociable Agents**“ has been established (*Research Group Leader: Dr.-Ing. Stefan Kopp*). The group explores how embodied agents, i.e. robots or 3D virtual characters, can learn to better interact with people by taking social aspects of communication into account. In this context, we are inviting applications for the following positions, all available immediately:

1 RESEARCHER (TV-L E13) for the duration until Oct. 2012 (ref. 1002)

Candidates are expected to develop cognitive architectures for embodied agents that integrate models of multimodal dialogue with the sensorimotor grounding of social resonance. The researcher will be responsible for the realization and maintenance of technical prototype platforms. Teaching at undergraduate and graduate level is expected.

2 PH.D. SCHOLARSHIPS for the duration of 3 years (ref. 1003)

Candidates are expected to conduct technical and empirical research on machine capabilities for developing communicative skills through social learning, and for promoting and capitalizing on the involvement of familiarity and companionship in long-term interaction, respectively.

We are looking for applicants with an excellent degree in Computer Science and a strong background in A.I., human-machine interaction, social robotics, or interactive computer graphics. Knowledge in Computational Linguistics or Cognitive/Social Psychology is highly welcome. Practical programming skills are expected, good knowledge of English is required.

For more information, please contact: Stefan Kopp (Tel: +49 521 1062921, skopp@techfak.uni-bielefeld.de)

We welcome applications from severely handicapped people. We particularly welcome applications from women. Given equal suitability, qualifications and professional achievement women will be given preference, unless particular circumstances pertaining to a male applicant predominate.

We will consider applications until all positions have been filled. Applications arriving no later than **25.7.2008** will receive full consideration. Applications including relevant documents (cover letter, CV, publication list) and specifying the reference number of the position shall be sent both electronically and as a hardcopy to:

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