

Professor Dr.-Ing. Stefan Kopp

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The Center of Excellence „Cognitive Interaction Technology“ (CITEC) at Bielefeld University, Germany, invites applications for**a post-doc position, period of employment: 01.08.2016-31.10.2017 (with the option of extension); Fulltime,
Salary: E 13 TVL**

CITEC is a central scientific institute of Bielefeld University, established within the Excellence Initiative of the German Research Foundation. CITEC brings together computer scientists, biologists, physicists, sports scientists, linguists and psychologists with the aim to understand the processes and functional constituents of cognitive interaction.

The post doc position is part of the **ICSPACE project** (<http://graphics.uni-bielefeld.de/research/icSPACE/>). In this interdisciplinary project we explore how humans can be supported in learning and practicing movement tasks, as needed in sports training, motor skill learning, or physical rehabilitation. We develop a Virtual-Reality-based training environment that provides adaptive and personalized tutoring in an online, closed-loop interaction. To this end, the project combines novel aspects of motion analysis, neuro-cognitive skill diagnosis, multi-sensory feedback, communication through a virtual coach, and long-term coaching strategies.

The position under consideration (work package “Feedback”) will focus on the link between human perception and action. The successful post-doc candidate will collaborate with other team members to investigate multi-sensory feedback through an augmented virtual mirror, and to analyze the influence of latency and appearance/realism for sensorimotor learning in virtual reality.

Requirements

The successful post-doc candidate is expected to have:

- PhD in Neuroscience or a related scientific field,
- a background in a field related to cognitive neuroscience,

- wide experience of empirical human studies on multi-sensory perception and sensorimotor learning,
- very good writing skills and a convincing publication record.

In addition, some experience in human-computer-interaction or interactive virtual environments will be helpful for this position.

For more detailed information please contact:

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Dr. rer. nat. Tobias Heed, tobias.heed@uni-hamburg.de

This job advertisement can be found on the CITEC homepage as well:

<https://www.cit-ec.de/en>

Applications can be send as single pdf file to

skopp@techfak.uni-bielefeld.de

or by post to

Universität Bielefeld, CITEC

Attn. Prof. Dr.-Ing. Stefan Kopp

Inspiration 1

33619 Bielefeld

Application deadline: **11 August 2016**

Applications from qualified severely handicapped persons and persons who are on a par with severely handicapped persons are explicitly welcome.

Bielefeld University is recognised as a family friendly University. We encourage women to apply for jobs, this is particularly true with regard both to academic and technical posts as well as positions in Information Technology, trades and crafts. Applications are handled according to the provisions of the state equal opportunity statutes.