

The International Research Training Group Hamburg/Germany – Beijing/China (IRTG-CINACS)

Cross-modal Interaction in Natural and Artificial Cognitive Systems

funded by the German Research Foundation (Deutsche Forschungsgemeinschaft, DFG), the State of Hamburg and the Ministry of Education of the People's Republic of China, is seeking highly qualified and motivated candidates for

1 Doctoral Student Position
at the University of Hamburg
beginning 1 June 2012 or later.

The IRTG-CINACS offers a 3-year doctoral program based at the University of Hamburg and at Tsinghua University, Beijing. The dissertation projects will be carried out at the University of Hamburg. A part (up to 6 months) of the studies will be performed at Tsinghua University. The interdisciplinary program provides exciting research opportunities for research on multi-sensory perception and cross-modal information processing.

The position is available at the Department of Informatics of the University of Hamburg. It concerns the development of multisensor robot systems that interact with human beings. The main focus is to build and use tactile sensors in combination with other sensor modalities in a soft-body edutainment robot, and to design the interaction scheme to achieve good user experiences. Research experiences in mechanical structure design and analysis, motor control, tactile sensors and component integration are preferred. Familiarity with embedded development tools and embedded system design and programming of complex systems is of advantage.

You should have a degree in a relevant discipline (e.g. Computer Science, Electronic Engineering). Female applicants are particularly welcome.

Applicants should submit a CV and a brief statement of research interests by e-mail to **cinacs@informatik.uni-hamburg.de**.

Further information on CINACS can be obtained at: <http://www.cinacs.org/>.

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