

## Post Doc/Group Leader Position for Cognitive Computational Neuroscience

A postdoctoral / group leader position is available at the Technical University of Chemnitz (Germany) in the Department of Computer Science. The position is initially for three years, starting in October 2009 (or soon thereafter), but with a possibility of renewing.

The candidate should have a PhD and prior experience in developing neurocomputational systems, particularly with respect to data in the neurosciences and psychology. Experience in interdisciplinary projects or own experimental studies is welcome. A background in parallel computing or virtual reality is beneficial but not required.

The position requires teaching students in computer science in the area of artificial intelligence, machine learning, computational neuroscience and image processing but the major focus is on research. The envisaged research focus should be on the development of neurocomputational models closely linked to the neurosciences and/or the application of neurocomputational principles for cognitive systems in the area of object recognition, visual attention, visual masking, space perception, emotions, neural learning rules, cognitive control, decision making, reward-based learning (dopamine, basal ganglia), grasping, or eye movements. Additionally planned own experimental studies will be supported. It is expected that the candidate applies for research grants to expand the research group.

We offer excellent research support for the development of neurocomputational systems in form of research seminars, parallel computing hardware, virtual reality setups, and eye tracking. In addition, we have many contacts to multiple experimental groups in Germany and participate in various international collaborations.

The salary is according to German standards (E 13 TV-L or A13h). The university is an equal opportunity employer. Women are encouraged to apply. Disabled applicants will receive priority in case they have equal qualifications.

Chemnitz is the third-largest city of the state of Saxony and close to scenic mountains. Major cities nearby are Leipzig and Dresden with a rich tradition of music and culture. [it is a charming city sympathetic to cognitive modeling -fer]

Applications should be sent by email (preferably in PDF format) to Fred Hamker ([fred.hamker@informatik.tu-chemnitz.de](mailto:fred.hamker@informatik.tu-chemnitz.de)) before July 5th, 2009, but later applications will be considered until the position is filled.