



The **Artificial Intelligence Group** of the **Institute of Cognitive Science (IKW)** at the University of Osnabrueck (Germany) seeks applicants for a three-year

doctoral / postdoctoral position
(salary level EG 13 TV-L)

The position provides the possibility of further scientific qualification (PhD / Habilitation).

The main research areas of the AI group are non-classical forms of reasoning, ontologies and text technology, neural-symbolic integration, and cognitive architectures.

The duties of the successful applicant include 4 hours teaching load (teaching language is English) as well as participation in the research activities of the AI group.

Applicants should have an excellent academic degree (Master/Diploma) in computer science or a related discipline, and potentially a PhD degree. In the ideal case, the successful candidate has experience in interdisciplinary research and fulfils at least two of the following requirements:

- Thorough knowledge in formal logic and knowledge representation formalisms, in particular with respect to ontology design and inference procedures
- Thorough knowledge in the theory of artificial neural networks
- Thorough knowledge in cognitive modeling
- Thorough knowledge in the development of algorithms
- Practical knowledge in at least one of the following programming languages: Prolog, Java, ML/Scheme, or a similar language.

The University of Osnabrueck strives for an increase in the number of women in academic employment. Women are therefore especially encouraged to submit their applications and will be preferentially considered provided they are equally qualified. Disabled candidates with equal qualifications will be given preference.

There is an option for part-time employment.

Letters of application with the usual documents (CV, list of publications, and the names of two referees) should be sent to the Director of the Institute of Cognitive Science, University of Osnabrueck, Albrechtstrasse 28, 49076 Osnabrueck. The deadline for applications is September 4th, 2009. Further information can be provided by Prof. Dr. Kai-Uwe Kuehnberger (kkuehnbe@uos.de).