

## POSITIONS ADVERTISED: ONTOLOGICAL ENGINEERING

Two full positions (doctoral or postgraduate) are available immediately at the **UNIVERSITY OF BREMEN** in the area of **ontological engineering**. Under the usual conditions of job release the positions will be available from **1.1.2008 until 31.12.2010**. The positions will be associated with the Department of Applied Linguistics and Computational Linguistics and will work in close cooperation with the Ontology Group of the Transregional Collaborative Research Center "Spatial Cognition" (SFB/TR8).

Responsibilities of the positions include the development and evaluation of formal ontologies and their application within a large EU-funded project for developing and integrating a broad range of services for 'young elderly' and 'elderly' people. The ontologies developed in the project must be formally defined and supportive of application in real-world systems. Successful candidates will need to carry out advanced research in ontological development and to interact with industrial partners for ontology application.

### Required Qualifications:

- An excellent master or diploma degree in Computer Science, Artificial Intelligence, Computational Linguistics or related field.
- Experience with development and evaluation of practical ontologies or similar systems for knowledge representation.
- Experience or strong interest in formal ontology and logic as well as their computational instantiation.
- Very good English competence, both written and spoken.
- Willingness to travel within Europe and elsewhere for cooperative work with project partners (Italy, Greece, Germany, Britain, Belgium and elsewhere).

Successful candidates will be expected to participate in the research and development of the Bremen *Ontology Research Group* (<http://www.fb10.uni-bremen.de/ontology>) and to represent Bremen in ontology-related research projects and research networks (ECOR, NCOR, JCOR, etc.). The ontology group works particularly closely with the Collaborative Research Center SFB/TR8 "Spatial Cognition" and candidates will also be expected to contribute to common lines of research.

Due to the double anchoring of the tasks in both ontology research and practical application with the involvement of industry, successful candidates will be ideally placed to pursue subsequent careers in both research and practical application. Candidates are welcome both at doctoral and post-doctoral level.

As the University of Bremen intends to increase the proportion of female employees in science women are particularly encouraged to apply.

In case of equal personal aptitudes and qualification disabled persons will be given priority.

### Conditions of Employment:

Salary is according to the German Federal pay scale (TV-L 13, approx. €34,000). The positions are available from January 2008 until the end of 2010. Extension is possible. Applications will be considered until the positions are filled.

Please address questions about the position and send your application (preferably by email) to:

John Bateman <bateman@uni-bremen.de>

FB10 + SFB/TR 8 Spatial Cognition

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