

UNIVERSITY OF HAMBURG

Faculty: Fakultät für Mathematik, Informatik und Naturwissenschaften
Department: Mathematik

Postdoctoral position (E13 TV-L; 19.5 month) in formal representation of narratives

The University of Hamburg advertises a position as

post-doc research associate (wissenschaftliche/r Mitarbeiter/in in einem post-doc-Arbeitsverhältnis)

– salary group 13 TV-L – with a starting date of 1 April 2012.

This is a full-time position (39 hours per week) The short-term contract will end after 19,5 months (see also § 2 of the Academic Fixed-Term Contract Law (Wissenschaftszeitvertragsgesetz)).

The university intends to increase the number of women amongst its academic personnel and expressly encourages qualified women to apply. In compliance with the *Hamburgisches Gleichstellungsgesetz*, preference will be given to qualified female applicants.

Responsibilities:

A research associate's duties include academic service for the project *What Makes Stories Similar: A structural logic-based approach to narratives* funded by the John Templeton Foundation (principal investigator: Prof. Dr. B. Löwe).

Area(s) of Responsibility:

The successful candidate will study, develop and compare formal representations of narratives. Development includes both mathematical formalization and practical implementation (in the form of software). Comparison involves mathematical studies as well as empirical studies. There are two student assistants funded by the project that will have to be supervised by the successful candidate. Presentation of results at international conferences as well as writing scientific publications and technical documentation is amongst the duties of the successful candidate. Close collaboration with a related research group at the *Universiteit van Amsterdam* is expected.

Requirements:

Academic degree in a relevant academic subject area (e.g., mathematical logic, theoretical computer science, artificial intelligence, theoretical linguistics or others) plus doctoral degree.

It is expected that the candidate has mathematical maturity and some experience in programming. A background in one or more of the following areas will be considered an asset: philosophy of science, computational linguistics, narratology and empirical testing of theoretical models.

Preference will be given to disabled applicants with equal qualifications.

Application dossiers (application letter, curriculum vitae, degree certificate(s), etc.) are to be submitted to Prof. Dr. B. Löwe preferably by e-mail (loewe@math.uni-hamburg.de), or alternatively by regular mail to Prof. Dr. B. Löwe, c/o Astrid Dörhöfer, Fachbereich Mathematik, Universität Hamburg, Bundesstraße 55, 20146 Hamburg, Germany, not later than February, 24, 2012. Please do not submit any originals.

For more information please contact Professor Löwe (see above for e-mail).

* § 15 Absatz 1 Nummer 4 Buchstabe a HmbHG