

The **Natural Language Systems group** at **Hamburg University, Germany** is striving to strengthen its interdisciplinary profile in the area of **Natural Language Processing**. Applications are invited for a half-time position in a project on psycholinguistic aspects of parsing with weighted constraints. The successful applicant is expected to investigate possibilities for relating natural language systems to the performance of the human model. This research includes

- modifications to an existing constraint-based parser and its grammar to make it comparable with results from psycholinguistic experiments,
- the evaluation of system versions with respect to their psycholinguistic plausibility,
- the comparison of the system performance with observations from psycholinguistic experiments and
- publishing of research results.

In addition, the successful applicant is expected to participate in the maintenance and extension of the existing research infrastructure of the Natural Language Systems group.

The applicant must have a university degree on the masters level in Computational Linguistics, Linguistics or Computer Science. A strong background in psycholinguistic methods as well as expertise in software system development is required. Moreover, a good command of English and German will be expected.

The position is limited to a period of two years. The possibility of an extension into a third year depends upon the availability of additional funding. Salary is according to German public service pay agreement (BAT IIa/2) and will be in the range of €1250 to €2100 per month depending on age and family size. The weekly working time is 20 hours. Beyond their project related obligations applicants are given an opportunity to work on their doctoral studies.

University of Hamburg and the Department of Informatics aim to increase the number of female research scientists. They therefore strongly encourage woman to apply. Given equal qualifications, female candidates will be considered with preference.

Hamburg University is an equal opportunity employer. Given equal qualifications, handicapped persons will be considered with preference.

The Natural Language System group offers a stimulating working environment and an up-to-date infrastructure for carrying out ambitious research projects in the area of Natural Language Processing. It supports a number of ongoing projects in this area and is committed to high international research standards. More information is available under nats-www.informatik.uni-hamburg.de or can be obtained from the project leader at the address given below.

Application letters should be submitted until **January 2nd, 2006** to

Prof. Dr.-Ing. Wolfgang Menzel

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referring to the official job description which can be found under <http://nats-www.informatik.uni-hamburg.de/Main/CopaJob>.