



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

Pending approval of external funding the Faculty of Mathematics, Informatics and Natural Sciences, Department of Informatics, Language Technology group invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “DIGITALE WISSENSSOZIOLOGISCHE DISKURSANALYSE: MULTIMODALE BEDEUTUNGSANALYSEN IN GROUNDED THEORY GELEITETEN FORSCHUNGSPROZESSEN (D-WISE)” FUNDED BY BMBF

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on February 1, 2021 or later pending external funding.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 36 months, commensurate with the project's duration. The position calls for 75 % of standard work hours per week**.

RESPONSIBILITIES:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

The D-WISE project will use and further develop information retrieval and natural language processing techniques to support interactive discourse analysis in collaboration with anthropologists at Universität Hamburg. The project will be conducted by three researchers: one in Anthropology and two in Informatics.

Duties of this position encompass the following: Research and Development in the area of natural language processing in the context of supporting Humanities researchers with

* Full-time positions currently comprise 39 hours per week.

advanced search and annotation technologies; deployment of the methods within the project context; dissemination of results at academic conferences and industrial workshops.

REQUIREMENTS:

A university degree in a relevant field. A university degree in Computer Science or related with a specialization in Computational Linguistics and Natural Language Processing.

Candidates should show demonstrated experience with one or more of the following:

- Natural Language Technology and Machine Learning frameworks, e.g. Pytorch or Tensorflow , BERT
- Experience with Information Retrieval Technology (Indexing of document collections)
- Programming skills: Python and one object-oriented language (e.g. Java, C++)
- Ability to contribute to scientific publications
- Good communication skills in English and German
- A plus: hands-on experience with advanced search technologies; hands-on experience in web-based interface development; experience with image data

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Chris Biemann or consult our website at <https://www.inf.uni-hamburg.de/en/inst/ab/lt/home> .

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by November 30, 2020 to: biemann@informatik.uni-hamburg.de in a single PDF file..

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded.