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 Science, Department of Informatics/ Language Technology** invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT "CROSS-MODAL LEARNING FOR IMPROVING HUMAN READING" FUNDED BY DFG IN THE TRANSREGIO-SFB "CROSS-MODAL LEARNING"

- SALARY LEVEL 13/14 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on **February 1, 2020 or later**.
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 48 months, commensurate with the project duration. The position calls for 100% 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:

Research and Development in the area of natural language technology and cross-modal learning in an interdisciplinary setting with partners from psychology. Deployment of the methods within the project context; dissemination of results at academic conferences.

REQUIREMENTS:

A university degree in a relevant field. A doctorate/PhD degree in Computer Science or related,

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

with a specialization in Computational Linguistics and Natural Processing or Computer Vision.

Candidates should show demonstrated experience with one or more of the following:
- Machine Learning frameworks, e.g. Pytorch or Tensorflow
- Experience with either Natural Language Processing, or Computer Vision, or both
- Programming skills: Python and one object-oriented language (e.g. Java, C++)
- Demonstrated ability to contribute to scientific publications
- Good communication skills in English
- A plus: demonstrated research on cross-modal representations
- A plus: experience with interdisciplinary research

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).
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 January 15, 2020** in a single PDF file. Later applications are considered until the position is filled. Please send to: **biemann@informatik.uni-hamburg.de.**

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.