

The **Department of Mathematics and Informatics**, research group Language Technologies of Prof. Lucie Flek, is currently accepting applications for a

## Research Associate (Postdoctoral Researcher)

The position is offered for a period of 3 years, bound to the confirmation of the project funding. The **starting date is as soon as possible, tentatively 1.12.2022**. The position is open for 75% of the full time, with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 75 %). Responsibilities include scientific research and outreach.

The position is part of the BMBF project *"AnDy - Automatic Analysis of the Dynamics of Dialectal Speech with Artificial Intelligence Methods"*. As the position holder you will work in an international and interdisciplinary team on the analysis of speech data. Tasks include scientific service in research and supervision of junior scientists. **Tasks include conducting independent research in the area of neural speech recognition and speaker modeling, focused on modeling and analyzing the structure of conversational behavior between standard speech and dialect in regions of Germany, based on the large speech datasets collected at the German Language Atlas (Sprachatlas) Research Center.** How is the behavior of the identified speaker types related to specific social, biographical and situational conditions of these individuals?

Within the scope of the assigned tasks, the opportunity for independent scientific work is offered, which serves the own scientific qualification. The time limit is based on Section 2 Paragraph 1 Clause 1 Wiss-ZeitVG.

The successful applicant will have a university degree in Computer Science (Diploma, Master or equivalent) and a PhD in Computer Science, ideally in the ASR research area. Strong programming skills, demonstrated e.g. by previous projects, are desired. Prior experience with deep neural network architectures is expected. Candidates should be enthusiastic, self-motivated, reliable, creative, and able to pursue research projects both independently and in collaborations. Excellent communication skills in written and spoken English (C1 equivalent) are required.

We offer a diverse team with a start-up mentality in a stimulating international scientific environment at one of the oldest universities in Germany. Philipps-Universität Marburg supports young scientists in their career development, e.g. through positions offered by the Marburg Research Academy (MARA), the International Office and places for higher education pedagogy and personnel development.

We promote opportunities for women, expressly requesting applications from women. In areas where women are underrepresented, we will favor female applicants if their application carries equal merit compared to the applications of their male peers. Our university furthermore aims to be family-friendly, which means we welcome applicants with children. Filling this position on a part-time basis (see § 9 (2) sentence 1 of the Hessian Equal Rights Act -(HGIG)) or reduced working hours are possible in principle. Applicants with disabilities within the context of the German Social Security Code IX (SGB) (§ 2 (2), (3)) will be favored if their application carries equal merit compared to applications from candidates without disabilities. Application and processing costs will not be refunded.

**Please send your application (CV, motivation letter, degree certificates and transcripts of records, optionally a list of publications and reference letters or contacts) until 30.9.2022 mentioning registration number fb12-0010-wmz-2022 to the Department of Mathematics and Informatics, Frau Katrin Bopper (Assistant Prof. Dr. Lucie Flek), [bopper@mathematik.uni-marburg.de](mailto:bopper@mathematik.uni-marburg.de)**