



## Sächsische Akademie der Wissenschaften zu Leipzig

The Saxon Academy of Sciences in Leipzig is offering the following position in its research project “Bibliotheca Arabica – Towards a New History of Arabic Literature” for the next possible date:

### **Research Associate (“wissenschaftlicher Mitarbeiter”) in the field of Computer Science (female/male/diverse)**

Duration: 2 years, extension option until the end of the project period (until 2035)

Tariff grouping: TV-L E13, 50% part time

#### **Your profile**

- University degree (master/diploma, doctorate) in Computer Science
- Proficiency in a programming language and experience in architectural design and the implementation of complex applications
- Work experience in Digital Humanities (DH) projects and in interdisciplinary communication with representatives of various disciplines
- Experience in setting up and operating relational and graph-based database systems
- Knowledge of the relevant interfaces for metadata exchange, especially in library science or in the area of manuscript collections
- Experience in text and data normalisation (especially named entities, linked data)
- Experience in development of tools for representation, analysis and visualisation of research data
- Fluent Academic English; ideally some knowledge of Arabic
- Experience in the field of automatic text recognition desirable

#### **Job description**

- Ongoing development and extension of the project’s own research platform under production conditions, implementation of suitable interfaces
- Further development of the project’s domain model in consultation with the team
- Data modelling and process development to support analysis and visualisation of the data as well as research from a macro perspective
- Tracking the latest relevant advancements in applied DH, conducting your own research, as well as participation in project publications
- Training of the project’s specialist/junior researchers concerning DH formats and procedures
- Participation in the supervision of student theses

You will work in Leipzig, one of the fastest growing and most liveable cities in Eastern Germany, with a large university (30,000 students), affordable rents, lots of nature and excursion opportunities and an international airport, situated only a one-hour train ride from Berlin.

Women are especially encouraged to apply. Severely disabled applicants with corresponding aptitude for the position will be favoured.

Please send applications by July 31, 2022 via e-mail to: [bewerbung@saw-leipzig.de](mailto:bewerbung@saw-leipzig.de) (one single PDF file) or to the following address: Secretary General Dr Christian Winter, Saxon Academy of Sciences Leipzig, Karl-Tauchnitz-Straße 1, 04107 Leipzig

For general information, please contact Dr Daniel Kinitz ([kinitz@saw-leipzig.de](mailto:kinitz@saw-leipzig.de)). Project information available at: [www.saw-leipzig.de/bibliotheca-arabica](http://www.saw-leipzig.de/bibliotheca-arabica)