

For the next possible date we are recruiting

RESEARCH ASSOCIATE (M/F/D)

Full-time employment limited to 3 years pay group TV-L E13

In the course of the development of the National Research Data Infrastructure (NFDI), the consortium NFDI4cat (<https://nfdi4cat.org/>) coordinated by DECHEMA at the Friedrich-Alexander-University Erlangen-Nürnberg (FAU) advertises the position of a research assistant in the field of research data management. The possibility to do a PhD at the Faculty of Technology (<https://www.tf.fau.de/>) is given.

Responsibilities

You will develop methods and tools for the integration and further development of ontologies in the context of catalysis for semantic annotation of research data in the field of catalysis.

You will coordinate NFDI4cat efforts with local research data management infrastructure at FAU.

You will model and analyze workflows with the goal of minimally invasive metadata capture.



Requirements

You have completed a university degree in computer science, mathematics, chemistry, chemical engineering, or a related field.

Desired skills include

- Good knowledge of computer science and programming experience;
- Knowledge in the area of knowledge management, especially RDF, OWL and knowledge graphs;
- Knowledge in the area of databases (especially SQL and SPARQL);
- Interest in the field of catalysis and willingness for interdisciplinary cooperation ;
- Good to very good knowledge of English, both written and spoken.

Applications should be submitted by **30.09.2022** electronically via e-mail (in PDF format, single document) to Prof. Dr. Richard Lenz (richard.lenz@fau.de), quoting the identifier **NFDI4cat**.

By submitting an online application, you as an applicant give your consent to your data being electronically processed and stored. We would like to point out that FAU cannot guarantee the security of transmitted personal data if your application is sent electronically without protection.