The Leibniz Institute for Psychology Information (ZPID) in Trier (Germany) is an internationally renowned research support organization in psychology and a member of the prestigious Leibniz Association.

To fulfill the ever-increasing research infrastructure needs expressed by researchers and psychology professionals, ZPID is in the process of strategic expansion directed at meeting these needs to become psychology’s one-stop research service center. Current as well as future ZPID research areas and services are based on and guided by the values of open science and open innovation.

Join the growing ZPID team at the forefront of the open science movement! Current opening:

**Developer for Ontology Engineering and Semantic Integration (m/f/d)**

(salary group up to TV-L E 13, 50%, limited for 2 years)

Preferred start date is June 1st, 2020 or earlier.

**Duties and functions:**

The successful applicant is expected to contribute to the technical design of a psychological ontology, created in close collaboration with psychologists at ZPID. This ontology will be basis for an advanced release of the bibliographical database PSYNDEX as well as PsychPorta, a semantic search platform that makes psychological information available via a sophisticated RDF infrastructure. Information comes from PSYNDEX database records and the digital research objects (e.g. research data, statistical analysis code, publications) that are created during the research life cycle. PsychPorta will be the successor of PubPsych, a multilingual search interface for psychological literature that indexes records from nine established databases. The publication of results originating from your development and conceptual work will be expected.

You will collaborate closely with a team of psychologists and information specialists and will participate in the full life cycle of development, including design, coding, testing and rollout.

**Your profile:**

- Bachelor’s degree or higher in computer science, software engineering or a related discipline
- Solid understanding of knowledge modeling and knowledge graphs and associated software tools
- Solid understanding of semantic technologies and standards, e.g. RDF, SKOS, SPARQL
- Knowledge in search engine technology, e.g. Solr/Lucene, ElasticSearch, Jena or Virtuoso is a plus
- Knowledge of relational database management systems (MySQL, PostgreSQL), experience with NoSQL databases is a plus
- Independent working style
- Project management skills
- Good communications skills and the ability to explain technical issues to non-technical audiences
- Good command of written and spoken German and English

**optional qualifications:**

- Fluency in Java (search engine backend) is a plus
- Fluency in PHP, CSS and JavaScript (web frontend technologies) is a plus
- Knowledge of package management und code versioning (Git)
- Basic proficiency with the Linux and Unix command line

For further information, please contact Roland Ramthun via rr@leibniz-psychology.org.

In order to apply, please register with our online portal and upload the following documents (until April 26, 2020):

- Cover letter addressing the motivation for the application and the selection criteria
- CV
- Relevant certificates of degree(s)
  - optional: Names, affiliations and e-mail addresses of potential reference contacts

We support your career development.

ZPID is committed to equal opportunities in employment and, in particular, to increasing the number of women in those academic positions where they are currently underrepresented. Women are therefore encouraged to apply.

We observe guidelines regarding laws and regulations governing part-time employment. Among equally qualified applicants, disabled candidates will be given preference. We are a family-friendly employer and have been certified by the audit Work & Family.

Please note that online applications will only be accepted until 04/26/2020 via the following URL:

https://leibniz-psychology.jobbase.io/apply/wf87f6r7udp7dymy2t29i3jkumiuxj