

Schloss Dagstuhl – Leibniz Center for Informatics¹,
seeks to hire on **October 1st, 2021**, or later:



SCHLOSS DAGSTUHL
Leibniz-Zentrum für Informatik

Software Developer/Computer Scientist (f/m/d) full-time or part-time, TV-L E13 or E14

Funded by the German federation and states, the national research data infrastructure NFDI¹ is a collaborative, nationwide network to systematically index, interconnect, and make openly available the valuable stock of data from science and research. As part of a larger consortium², Schloss Dagstuhl's renown research information infrastructures – the open metadata collection and research knowledge graph dblp computer science bibliography³, as well as the open access platform DROPS⁴ provided by Dagstuhl Publishing – will play an important role in building the NFDI for the computer science community. We are looking for a highly-motivated individual to join our team.

You will devise and implement our contribution within a broader NFDI ecosystem. Your work will primarily focus on integrating FAIR Digital Objects into the workflow of our open access platform and on extending the dblp indexing framework in order to collect and curate research artifact metadata. This will include creating open APIs for interoperability within the NFDI and using NFDI data to create an open research knowledge graph in collaboration with our partners.

Your results will contribute to improving the live production environment of Schloss Dagstuhl's research information infrastructures. You will also work on the live metadata, directly contributing to an open research knowledge corpus and thereby supporting computer scientist worldwide in their daily work.

This position is initially limited to two years; an extension of further three years is intended. The opportunity to qualify yourself for a doctorate within the scope of the job is given, but not a requirement. Payment and social benefits are provided in alignment with TV-L E13 or E14 (suitable qualification assumed). The position is located in Trier, Wadern and Saarbrücken, and requires the willingness to occasional business trips to meetings of the consortium.

We offer

- being part of a unique, internationally renowned, charitable non-profit research infrastructure
- working with top international computer science research
- pleasant working atmosphere in a small team
- diversified job activities with plenty of room for your ideas and creativity
- home office opportunities and flexible, family-friendly working conditions, as certified by *audit berufundfamilie*⁵

We expect from you

- a Master's or PhD degree or an equivalent higher education degree in computer science, or a similar field
- competence in team-oriented software development (especially in PHP, Java, and Git) and a familiarity with a Linux environment
- prior experience with software development projects and FAIR data principles is an advantage
- a high level of commitment to dive deep into the specifics of our infrastructures
- initiative, autonomy, and creativity with respect to problem solving
- ability and willingness to document the results of your work
- very good written and spoken English, and outstanding team skills

¹<https://www.nfdi.de/>

²<https://www.dagstuhl.de/en/about-dagstuhl/projects/nfdi4datascience/>

³<https://dblp.org/>

⁴<https://drops.dagstuhl.de/>

⁵<https://www.login.beruf-und-familie.de/services.php?s=kurzportrait&ae=526278>

Schloss Dagstuhl is committed to equal opportunity and a diverse workplace. We explicitly encourage female and diverse candidates to apply. Applications from severely disabled persons or persons with equivalent disabilities are expressly encouraged.

Please contact **stelle-8711@dagstuhl.de** should you have any questions. To apply, please send your application as a single PDF file to the above email address no later than **September 5th, 2021**, consisting of:

- a cover letter stating your motivation and your research interests
- your CV
- certificates of relevant higher education degrees
- name, affiliation, and email address of at most three professional references we may contact