Job Announcement

The University of Potsdam was founded in 1991 and has firmly established itself within the scientific landscape and developed into an outstanding economic factor and growth engine for the region. The university excels in acquiring third-party funds, has received multiple teaching awards, has a very service-oriented administration, and has been honored several times for its family-friendly culture. About 22,000 students and 3,000 employees study and work at three campuses – Am Neuen Palais, Griebnitzsee and Golm – at one of Germany's most scenic institutions of higher education.

The **Faculty of Science/Institute of Computer Science**, **the Chair of Software Engineering** at the **University of Potsdam** invites applications for the following position limited to June 30, 2028, to be filled **as soon as possible**:

Academic Staff Member (f/m/d)
ID no. 342/2024

The successful candidate will work 40 hours per week (100 %). The position is classified within remuneration group 13 of the collective wage agreement among the German federal states ("Tarifvertrag für den öffentlichen Dienst der Länder" – TV-L). The fixed term of employment is in accordance with Section 2 subsection 1 of the German Act on Fixed-Term Employment Contracts in Science and Academia (Wissenschaftszeitvertragsgesetz or WissZeitVG).

Your Field of Work:

The research group focuses on research software and research software engineering (RSE), in particular software quality in science, FAIR (findable, accessible, interoperable, reusable) software and the role of software in open science as well as computational workflows and their automated construction. Collaboration with researchers from other disciplines (e.g. bioinformatics, geosciences) is of great importance.

The advertised position is part of the externally funded project "Early Workflow Design: From Collaborative Scientific Problem-Solving to DAW Specifications", funded by the German Research Foundation as part of the Collaborative Research Centre FONDA (Foundations of Workflows for Large-Scale Scientific Data Analysis). The aim of the project is to better understand how researchers approach the early stages of workflow development and, based on this, to develop methods and techniques to support this critical conception phase. We are looking for an individual who is motivated and able to work in an interdisciplinary manner, to conduct empirical studies, and to develop and evaluate conception methods and prototype tools.

The Scope of Your Responsibilities:

- Conducting empirical studies to better understand how researchers approach the early stages of developing data analysis workflows
- Developing new methods to support the design phase and prototyping software tools to implement these methods
- Conducting user studies to evaluate the developed methods and tools
- Documentation and publication of project results
- Supervising and evaluating B.Sc. or M.Sc. theses or student work (internships, interdisciplinary projects) related to the project.
- Supporting organisational tasks within the project

Further academic qualification (doctorate) within the framework of the project is possible. At least one-third of working hours is available for in-depth academic work.
You will be supervised by the Chair of Software Engineering, and you will also participate in the Integrated Research Training Group (IRTG) of the Collaborative Research Centre FONDA, which offers structured scientific training and supervision to all PhD candidates in the CRC.

Your Qualifications:
- Completed Master's degree (or equivalent) in computer science or a related field with relevant focus
- Strong interest in research software, especially data analysis workflows, and interdisciplinary projects
- Ideally experience in conducting empirical studies
- Very good written and spoken English skills
- Ability and willingness to work independently as well as team and communication skills

What We Offer:
As a university, we combine the strong potential for development of a teaching and research institution with the attractive working conditions of the public sector. The University of Potsdam is a reliable employer that supports its employees with a variety of offers and benefits:
- Make the most of the various continuing education and networking opportunities offered by the University of Potsdam to refine your subject-specific and interdisciplinary competencies for professional as well as personal growth.
- All campuses have good transport connections. You can receive a monthly subsidy for the public transport job ticket and use our campus bicycles.
- Benefit from a company pension scheme, a special annual payment, and capital-forming benefits.
- Take advantage of the various offers from our Occupational Health Management unit as well as the Academic Sports Center.
- To improve employees' work-life balance, the University of Potsdam offers flexible working hours and a defined share of remote working hours (e.g. work from home). You have 30 vacation days per year and are also exempt from work on December 24 and 31. Our Service for Families can advise you on how to better balance work and family life.

You can find more information about working at the University of Potsdam at https://www.uni-potsdam.de/en/arbeiten-an-der-up/employer-up/overview

For further information about this position, please contact Prof. Dr. Anna-Lena Lamprecht by email: anna-lena.lamprecht@uni-potsdam.de

Your Application:
Please send us your application **(with a short letter of motivation of no more than two pages and a CV) by the deadline of July 31, 2024** including the 342/2024 summarized by email to anna-lena.lamprecht@uni-potsdam.de

If you completed higher education qualifications outside the EU, please submit a German translation and the assessment of the Central Office for Foreign Education (Zentralstelle für ausländisches Bildungswesen – ZAB) . Alternatively, please send us a PDF file from the database for the recognition and assessment of foreign higher education certificates (ANABIN).

The University of Potsdam values the diversity of its community and pursues the goals of equal opportunity regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. Applications from abroad and from persons with a migration background are expressly encouraged. The university strives for a balanced gender ratio in all employment groups; in areas where women are underrepresented, women are given preference in case of equal suitability (Section 7 paragraph 4 of the Brandenburg Higher Education Act). People with disabilities are given preferential consideration in case of equal

suitability. In aptitude tests and selection interviews, individual compensation measures for disadvantages are granted, taking the specific disability into consideration. If a person with a disability would like to make use of individual compensation measures, please state this in the application letter.

Potsdam, July 2, 2024