**Are you looking for a new professional challenge?
Then this is the place to be!
Become part of our international team!**

ZIB

13.08.2020

The Zuse Institute Berlin (ZIB) is a non-university research institute under public law of the state of Berlin. Within the research group „Massively Parallel Data Analysis" oft the „Distributed Algorithms" department, we are offering at the earliest possible date until June 30th 2024

**a research position (m/f/d)
reference code: WA 53/20
pay grade E13 TV-L Berlin (100%)**

(Subject to approval of the appropriations)

Job description

Within the framework of the DFG-funded Collaborative Research Center SFB 1404 "FONDA: Foundations of Workflows for Large-Scale Scientific Data Analysis", we research and develop new methods for data management of next-generation data analysis workflows using software-defined networks in the subproject "B4: Exploiting SDNs for Efficient Data Management in Next-Generation DAWs". In cooperation with project partners, we will develop suitable distributed algorithms, implement them on modern hardware, evaluate their performance and publish the scientific results at appropriate international conferences. You work in a committed research team including interdisciplinary partners and carry out the project work actively in coordination with them. A combination of the project work with a doctoral project is desired.

Your profile

- Excellent Master's degree (or equivalent) in computer science, mathematics, or related disciplines
- Advanced knowledge of distributed algorithms and systems
- Good programming skills, ideally in C, C++, Erlang, Java, Python or similar languages
- Ideally experience in network programming and Software-Defined Networks (SDNs)
- Good command of written and spoken English
- Creativity, high commitment and independence in dealing with research questions and problems

We are offering a friendly working atmosphere with flexible work and meeting times, excellent equipment and a challenging professional environment.

As well as

- a varied, future-oriented and responsible field of activity
- a comprehensive training in a competent and cooperative team,
- additional pension scheme (VBL),
- 30 days annual leave, flexible working hours (flexitime),
- payment in accordance with TV-L (Collective Agreement for the Public Service of the federal states), taking into account the relevant professional experience and annual special payment
- and the discounted use of canteens and the sports program of Freie Universität Berlin.

Due to our involvement in major regional cooperative projects, such as the Berlin Institute for the Foundations of Learning and Data (BIFOLD) and numerous other third-party-funded projects, we have close ties to universities and research institutes in the region. We aim for good scientific publications on international level.

The candidature of women is encouraged. Since women are underrepresented in information technology, ZIB is trying to increase the proportion of women in this research area.

Persons with disabilities will be given preference when equally qualified.

Please send your application, quoting the reference code **WA 53/20**, including CV in tabular form and all relevant documents and contact details, by **2020/09/10** (date of receipt) to

Zuse Institute Berlin (ZIB)
- Administration -
Takustr. 7
14195 Berlin

Or electronically as pdf-form to: jobs@zib.de. Your application is entered automatically.

Our private policy statement regarding application data is available at www.zib.de/impressum.

For further information about the position, please refer to our website www.zib.de or contact Dr. Florian Schintke (schintke@zib.de).

For further job offers please visit our website at www.zib.de/jobads .