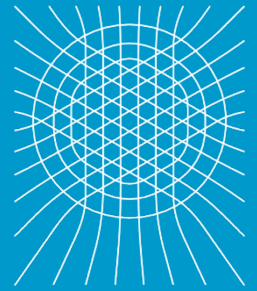


**Are you looking for a new professional challenge? Then this is the place to be!
Become part of our international team!**



ZIB

28.10.2020

The Zuse Institute Berlin (ZIB) is a non-university research institute under public law of the state of Berlin. Within the department "Visual and Data-Centric Computing", we are offering at the earliest possible date for the period until Dec 31th 2022,

**a research position (m/f/d)
reference code: IWA 68/20
pay grade E14 TV-L Berlin (100%)**

Job description:

The position offered is the position of the head of a BIFOLD junior research group at ZIB. BIFOLD is a cross-institutional and interdisciplinary competence center where scientists want to research and develop new approaches in the fields of Big Data, Machine Learning and Artificial Intelligence.

We are looking for a candidate with extensive experience and independent research results in the field of machine learning, especially in the area of method development for applications in the materials or life sciences. He or she must be able to demonstrate internationally visible theoretical research results and applications to real-world complex systems and to build bridges to possible fields of application. He or she has experience in the design, acquisition and/or implementation of third-party funded projects.

Your tasks:

- very difficult research tasks in the whole area described above, especially with regard to the development of machine learning methods to combine data-driven and model-oriented approaches,
- establishment and management of an interdisciplinary research team,
- acquisition and implementation of third-party funded projects,
- initiation and implementation of application projects, especially in the field of materials or life sciences,
- publication of results in peer-reviewed journals.

Your profile:

- Doctorate in mathematics, computer science or related disciplines,
- relevant experience in biomedical imaging and machine learning,
- experience in mathematical modelling and dynamical systems,
- experience in managing and working in projects in an interdisciplinary consortium,
- proven experience in the acquisition and implementation of projects third-party funded projects,
- Applicants are expected to be highly motivated, creative, independent and open to interdisciplinary cooperation,
- Very good written and spoken English.

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

as well as

- an additional pension scheme (VBL),
- 30 days annual leave, flexible working hours (flextime),
- 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 DFG Cluster of Excellence MATH+, the Berlin Mathematical School (BMS) or the Berlin Institute for the Foundations of Learning and Data (BIFOLD), we have close ties to universities and research institutes in the region.

Although the position is released full-time, a part-time agreement is also possible.

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 **IWA 68/20**, including CV in tabular form and all relevant documents and contact details of two references, by **November 11th 2020** (date of receipt) to

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

or electronically as pdf-form to: jobs@zib.de.

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 Prof. Dr. Tim Conrad (conrad@zib.de).

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