

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



26 April 2021

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 a

**Research Position (m/f/d)**  
**Reference Code: IWA 24/21**  
**Pay Grade: E13 TV-L Berlin (100%)**

for the excellence cluster MATH+ project entitled “Predicting the clinical course of COVID-19 patients”.

This vacancy needs to be filled at the earliest possible date and is a fixed-term contract until 31 December 2021 (project end).

### **Job Description**

We are looking for a candidate for the development and implementation of algorithms and for the analysis of data related to COVID research. This includes in particular the development of artificial intelligence methods for the interpretable analysis of static and time-dependent bio-medical mass data in the area of proteomics.

### **Your Tasks**

- Participation in the project and intensive cooperation with project and clinical partners.
- Development and implementation of algorithms for the automated analysis, interpretation and visualization of bio-medical data from internal and external data sources, in particular clinical proteomics data.

### **Your Profile**

- Above average Master's degree in Bioinformatics with a focus on the analysis of medical data.
- Very good programming skills in Python and R.
- Very good knowledge of English.
- Experience in theory and practice in the following areas:
  - Molecular biology, in particular PCR and HPLC
  - Medical omics data analysis and interpretation (e.g. of expression data)
  - "Technical IT (e.g. databases)

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

## as well as

- comprehensive training in a competent and cooperative team,
- an additional pension scheme (VBL),
- 30 days annual leave, flexible working hours (flexitime),
- a salary in accordance with TV-L (Collective Agreement for the Public Service of the Federal States), taking into account the relevant professional experience,
- an end-of-year bonus,
- discounted BVG (public transport) ticket as part of the capital city allowance,
- and the use of canteens and sports programs of the Freie Universität Berlin (FUB) at reduced rates.

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 advertised full-time, a part-time agreement is also possible.

Female applicants are highly encouraged to apply. Since women are underrepresented in information technology, the ZIB is trying to increase the proportion of women in this research area.

Applicants with disabilities will be given preference if equally qualified.

Please send your application, quoting the reference code **IWA 24/21**, including cover letter, CV and further documents in pdf-format by **7 May 2021** (date of receipt) to: [jobs@zib.de](mailto:jobs@zib.de).

Our private policy statement regarding application data is available at [www.zib.de/impressum](http://www.zib.de/impressum).

For further information about the position, please refer to our website [www.zib.de](http://www.zib.de) or contact PD Dr. Tim Conrad ([conrad@zib.de](mailto:conrad@zib.de)).

For further job offers please visit our website at [www.zib.de/jobads](http://www.zib.de/jobads).