

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



19.12.2019

The Zuse Institute Berlin (ZIB) is a non-university research institute under public law of the state of Berlin. The department of *Numerical Mathematics*, research group *Computational Molecular Design*, is offering a

**research position (m/f/d)
reference Code: WA 44/19
pay grade E13 TV-L Berlin (100%)**

The position is offered at the earliest possible date until December 31st, 2020.

Your tasks

- developing stochastic models of the kinetics of membrane proteins
- implementing simulation methods for colocalization of fluorescently labeled molecules
- comparing simulation results with microscopy data

Your profile

- some years of scientific experience in mathematics, physics, chemistry or related disciplines, preferably with PhD
- high interest in the stochastics of molecular and cellular processes
- experience in stochastic modeling with Markov processes
- knowledge of modern microscopy technology
- good programming skills in Matlab, R, or Python
- excellent communication skills, within the project group as well as with clinical cooperation partners
- good command of written and spoken English, proficient German skills are of advantage

We also expect creativity and commitment to the project.

We are offering a friendly working atmosphere with flexible work and meeting times, excellent equipment and a challenging professional environment and the possibility to interact with PhD students and scientists working on closely related biological problems within the framework of two sub-projects of the Sonderforschungsbereich 1423

as well as

- 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
- as well as the discounted use of canteens and the sports program of Freie Universität Berlin.

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 44/19**, including CV in tabular form and all relevant documents, by **12 January 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. Christof Schütte (schuette@zib.de), Dr. Paolo Annibale (Paolo.Annibale@mdc-berlin.de), or Prof. Dr. Martin Lohse (Martin.Lohse@mdc-berlin.de).

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