



16.03.2017

The Zuse Institute Berlin (ZIB) is a non-university research institute under public law of the state of Berlin. The department "Numerical Mathematics" is offering a

research position (f/m)
reference code WA 14/17
pay grade E 13 TV-L Berlin

in the research department "Numerical Mathematics". The position is offered from June 01, 2017 and will be a fixed-term contract until December 31, 2018 with the option to be extended. The starting date is negotiable.

Job description

The Computational Nano Optics group at Zuse Institute Berlin is an interdisciplinary research group. It investigates, develops and uses numerical methods for simulating nanophotonic devices. The advertised position deals with numerical methods for accurately simulating properties of single-photon emitters in the vicinity of resonant nanostructures. Applications of such technologies are in the fields of quantum-communications and quantum-computing.

Requirements

- Master or PhD degree in physics, electrical engineering or mathematics
- background skills in modelling and simulations in nanoptics
- experience in finite-element modelling
- skills in C++, Python, Matlab

We particularly welcome the application of women, since women are generally underrepresented in information technology, mathematics and physics and ZIB strives to increase their proportion in this research area.

Persons with disabilities will be given preference when equally qualified.

Please send your application, quoting the reference code **WA 14/17**, including a CV and complete documents to:

Zuse Institute Berlin (ZIB)

- Administration -
Takustr. 7
14195 Berlin

or electronically to: jobs@zib.de. Closing date for applications is **April 17, 2017 as date of receipt**.

For further information about the position please see our website www.zib.de or contact Dr. Sven Burger (burger@zib.de).

Please find other job offers at www.zib.de.