Technische Universität Berlin offers an open position:

**Research Assistant - salary grade E 13 TV-L Berliner Hochschulen**

under the reserve that funds are granted - part-time employment may be possible

**Faculty IV - Institute of Software Engineering and Theoretical Computer Science / Neural Information Processing**

Reference number: IV-19/20 (starting at 01/03/20 / until 31 december 2022 / closing date for applications 28/02/20)

**Working field:**
- analysis and simulation of calibrated whole-brain networks using neuronal mass models; work on the design and evaluation of novel control schemes for the stabilization of and switching between their dynamical states
- interaction with clinical scientists who are interested in the non-invasive manipulation of the whole-brain dynamics using transcranial current stimulation
- PhD thesis preparation is possible

**Requirements:**
- successfully completed university degree (Master, Diplom or equivalent) in Computational Neuroscience, Computer Science mathematics, physics or related fields
- in-depth knowledge in non-linear dynamics and stochastic processes
- very good programming skills
- very good English skills and or good command of German required; willingness to learn either English or German is expected

Please send your **written** application with the **reference number** and the usual documents to Technische Universität Berlin - Der Präsident - Fakultät IV, Institut für Softwaretechnik und Theoretische Informatik, FG Neuronale Informationsverarbeitung, Prof. Dr. Obermayer, Sekr. MAR 5-6, Marchstr. 23, 10587 Berlin or by e-mail to klaus.obermayer@tu-berlin.de.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities.

Please send copies only. Original documents will not be returned.

The vacancy is also available on the internet at [http://www.personalabteilung.tu-berlin.de/menue/jobs/](http://www.personalabteilung.tu-berlin.de/menue/jobs/)