



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

Faculty II - Institute of Mathematics / Stochastics and Financial Mathematics - Data Assimilation in Natural Sciences

Reference number: II-518/21 (starting at 01/10/21 / for a period of max. 5 years / closing date for applications 08/10/21)

Working field: Research and teaching at the Institute of Mathematics (Stochastics and Financial Mathematics - Data Assimilation in Natural Sciences), including teaching of exercise classes and seminars (4 SWS for a full-time position, in mathematics and related fields); particularly research in the field of neuronal population dynamics and associated problems of data assimilation using analytical methods.

Requirements:

- successfully completed university degree (Master, Diplom or equivalent) in mathematics or physics in one of the fields listed underneath
- excellent/in-depth knowledge of nonlinear dynamics and stochastic processes
- keen interest in theoretical neuroscience
- in-depth knowledge of statistical inference and statistical physics is desired
- programming skills are required
- sufficient language proficiency to teach classes in both German and English is expected

More information can be obtained from Prof. Dr. Tilo Schwalger (schwalger@math.tu-berlin.de).

Please send your application with the **reference number** and the usual documents (in particular short motivation letter, complete and up-to-date curriculum vitae, names and contact details of at least 2 referees, Bachelor's and Master's transcripts, certificates (with grades), all combined in a single pdf file, max 5 MB) **by email to Prof. Dr. Tilo Schwalger (schwalger@math.tu-berlin.de)**.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ or quick access 214041.

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.

Technische Universität Berlin - Der Präsident - , **Fakultät II, Institut für Mathematik, Prof. Dr. Tilo Schwalger, Sekr. MA 7-2, Straße des 17. Juni 136, 10623 Berlin**

The vacancy is also available on the internet at <https://www.personalabteilung.tu-berlin.de/menue/jobs/>

