



Technische Universität Berlin



Technische Universität Berlin offers an open position:

8 positions - Research Assistant - 0.75 working time - salary grade E13 TV-L Berliner Hochschulen

There is the possibility of a doctorate.

The international Research Training Group 2544 (Graduiertenkolleg) on "Stochastic Analysis in Interaction" is looking for a third cohort of motivated PhD students in the vibrant field of Stochastic Analysis. The research training group is a collaborative venture of TU Berlin, HU Berlin, FU Berlin and WIAS in collaboration with the University of Oxford, UK. The position(s) will be filled at one of the mentioned institutions.

Faculty II - Institute of Mathematics / Research Training Group 2544 (Graduiertenkolleg) "Stochastic Analysis in Interaction"

Reference number: II-166/25 (starting at 01/10/25 / limited until 30.09.2028 / closing date for applications 25/05/25)

Working field:

Our PhD projects in stochastic analysis span from fundamental mathematical questions to applications in Stochastics, such as Mathematical Finance, Natural Sciences or Statistics and Machine Learning.

Requirements:

- successfully completed university degree (Master, Diplom or equivalent) in Mathematics or closely related disciplines
- strong knowledge of stochastic analysis
- good knowledge of German and/or English required; willingness to acquire the respective missing language skills

Desirable:

- eagerness to engage in exchange with Oxford partners, also during a six-month research visit in Oxford

We offer:

- supervision by leading experts in many fields of stochastic analysis from Berlin and Oxford
- integration into a large and diverse community in stochastic analysis in Berlin, and into the Oxford partner program, the Centre for Doctoral Training "Mathematics of Random Systems"
- six-month research visit at the University of Oxford

More information can be obtained from Prof. Dr. Bank (irtg2544@math.tu-berlin.de, Internet: <https://www.math.tu-berlin.de/IRTG/>).

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 references whose letters should be available by the deadline of this call, Bachelor's and Master's transcripts, certificates (with grades), Master's and Bachelor's thesis (if available)) preferably in English as a single electronic document (pdf file) to irtg2544@math.tu-berlin.de. The applicants are requested to arrange for two reference letters to be sent to us by the application deadline.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty 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/.

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 participating institutions value the diversity of their members and are committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

Technische Universität Berlin – Die Präsidentin - Fakultät II, Institut für Mathematik, Prof. Dr. Peter Bank, Sekr. MA 7-1, Straße des 17. Juni 136, 10623 Berlin

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

