

TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the **Faculty of Mathematics**, the **Institute of Mathematical Stochastics** offers a position as

Research Associate / PhD Student (m/f/x)

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting **July 1, 2025**. The position is limited to three years and comprises 75 % of the full-time weekly hours. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position aims at obtaining further academic qualification (usually PhD).

Tasks: The successful candidate is required to conduct research on a topic in probability theory (e. g. stochastic processes / stochastic analysis) and its applications. You support the institute in its teaching activities on Bachelor and Master's level (Regulations on Duties and Responsibilities of Institutes of Higher Education – HSDAVO), as well as in the acquisition of third party funding and administrative duties.

Requirements: very good university degree in mathematics, preferably with a focus on probability theory or analysis; curiosity and strong interest in rigorous, methodical fundamental research; programming skills; good command of written and spoken English; basic knowledge of written and spoken German.

For further questions, please contact Dr. Paolo Di Tella (paolo.di_tella@tu-dresden.de).

We offer: collaboration with a competent, successful and friendly team; opportunity to participate in scientific conferences; chance to collaborate with international research partners; extensive training and development opportunities; flexible and family-friendly arrangement of working hours and remote work.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application including the usual documents by **May 8, 2025** (stamped arrival date of the university central mail service or the time stamp on the TUD e-mail server applies), preferably via the TUD SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf file to anita.behme@tu-dresden.de or to: **TU Dresden, Institut für Mathematische Stochastik, Frau Prof. Dr. Anita Behme, Helmholtzstr. 10, 01069 Dresden, Germany**. Please

submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>.