

The research group on Scientific Computing and Uncertainty Quantification ([Prof. Ullmann](#)) and the Chair of Probability Theory ([Prof. Gantert](#)) at the Technical University Munich seek candidates for the following position:

Postdoctoral Researcher (pay scale 100% TV-L E13, fixed term for 2 years)

starting 01 August 2022 or later. The position has a teaching load of 5 SWS per semester. The successful candidate will join the research activities of both groups and contribute to the theory and algorithmic development of modern uncertainty quantification techniques for models based on partial differential equations. The salary is commensurate with qualifications and aimed to equal salaries of other researchers at the Faculty of Mathematics at TUM with postdoctoral researcher positions.

Requirements:

- doctoral degree or equivalent in Mathematics
- proven strong background in some of the following fields:

numerical analysis of differential equations, uncertainty quantification, high-dimensional probability, stochastic geometry, large deviation principles, statistical learning theory
- good command of the English language (written and oral), additional knowledge of German preferred
- substantial experience in numerical programming in Python, C/C++, Matlab or similar languages
- teaching experience (teaching assistant) at a university or similar environment

Applications should be sent as a single PDF file to elisabeth.ullmann@ma.tum.de and should include:

- CV and complete publication list
- copies of degrees / university transcripts
- names and full contact addresses including email of at least three references that can be approached to provide letters of recommendation directly to the hiring committee
- a motivation letter (max. one page) explaining the applicant's interest in the position and their relevant skills and experience

The review of applications will begin on 15 June 2022 and will continue until the position is filled. TUM is an equal opportunity employer. As such, we explicitly encourage applications from women. Applications from disabled persons with essentially the same qualifications will be given preference. Informal inquiries regarding the position should be directed to elisabeth.ullmann@ma.tum.de.

Data Protection: With your application for a position at the Technical University of Munich (TUM) you naturally send us personal data. Please observe our data protection information in accordance with Article 13 of the German Data Protection Law (DSGVO) under <http://go.tum.de/554159> regarding the storage and usage of your personal data as submitted in connection with your application. By sending your application, you confirm that you acknowledge the data protection information of the TUM.