



The **University of Potsdam, Faculty of Science, Institute of Mathematics** invites applications for the following position to be filled as soon as possible:

Junior Professorship (W 1) for Probability Theory (Tenure Track)

We are looking for an early career researcher in probability theory who can, in the long term, fully represent this field in research and teaching at the interface of pure and applied mathematics. The ideal candidate demonstrates the potential to promote the interplay between the two main research fields “Structures in Mathematics inspired by Physics” and “Mathematical Modeling and Data Analysis” at the Institute of Mathematics. An active participation in joint research initiatives – for example, the SFB 1294 “Data Assimilation” or the SPP 2024 “Geometry at Infinity” – is desirable.

The successful candidate will teach probability theory in the Bachelor and Master of Science programs in Mathematics, in the Master of Data Science program, in the teaching degree programs, and in natural science and computer science programs, in both German and English. Non-German speakers are expected to acquire a working knowledge of German within the first three years of their appointment.

In addition to a strong connection to the research and teaching profile of the institute, it is desirable that the candidate should preferably have gained experience in academic self-administration and the acquisition of external funding.

For further information, please contact Prof. Dr. Melina Freitag (melina.freitag@uni-potsdam.de).

The following application requirements for junior professors must be documented in accordance with Section 45 of the Brandenburg Higher Education Act (Brandenburgisches Hochschulgesetz, BbgHG): a completed university degree, pedagogical aptitude, and a particular ability for scientific and scholarly work, typically documented by a dissertation project of outstanding quality. International experience, an outstanding publication record, and teaching experience are also desirable. The time spent in a scholarly position as one’s main profession between the last examination event completed during doctoral studies and an application for a junior professorship must not exceed six years. This period shall increase to the extent that a reduction of working hours by at least one-fifth of the regular working hours has been granted for the supervision or care of one or several children under 18 years of age or of other relatives requiring care.

The appointment procedure is conducted in accordance with Section 40 BbgHG. In accordance with Section 46 BbgHG, employment shall initially take the form of a civil service position or an employment contract; either arrangement is limited to up to four years. An extension of the position can be granted for a total of up to six years with the junior professor’s consent if she or he has proven themselves as a university instructor. An additional evaluation will be

conducted in a timely manner before the expiration of the junior professorship. In case of a positive outcome, a transition to a permanent professorship (tenure track; www.uni-potsdam.de/en/tenure-track) will follow without another appointment procedure if the requirements under budgetary law and all other conditions are met. The evaluation and assignment of the promised tenured professorship is governed by the Brandenburg Compensation Act (Section 18 of the Brandenburgisches Besoldungsgesetz – BbgBesG) and occurs after their intermediate evaluation (according to Section 46 BbgHG).

Candidates who meet the hiring requirements for a university professorship in accordance with Section 41 subsection 1 no. 4a BbgHG cannot be considered in the context of this hiring procedure. According to Section 40 subsection 3 sentence 5 BbgHG, junior professors can only be considered for appointment to a professorship at the university they are currently working for if they changed university after completing their doctorate or if they have done scholarly work outside the appointing university for at least two years.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore expressly invites qualified female candidates to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women in accordance with Section 7 (4) BbgHG and people with severe disabilities will be given preferential consideration. We explicitly invite applications from abroad and from persons with a migration background.

The University of Potsdam offers dual career support and coaching for newly-appointed professors: www.uni-potsdam.de/arbeiten-an-der-up/appointments

Please submit your application (including a presentation of your research interests, curriculum vitae, copies of academic certificates and documents, list of publications, list of courses taught, teaching evaluations, list of externally funded projects) via e-mail to ausschreibungen@uni-potsdam.de (in a single PDF file) within four weeks of the publication of this advertisement.

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