



## Job Announcement

Young, modern, and research-oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 22,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of over 3,000 faculty and staff members and is located in one of Germany's most scenic areas.

**The University of Potsdam, Institute of Mathematics, Mathematical Statistics and Machine Learning invites applications for the following position:**

### Academic Staff Member Requisition No.: 404/2021

The position is available from February 01, 2022. The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13). The position is for 30 hours per week (75% of a full-time contract) and funded by the Deutsche Forschungsgemeinschaft, project "Mathematical Statistics in the Information Age - Statistical Efficiency and Computational Tractability". This is a temporary position limited to a term of 4 years in accordance with Section 2 subsection 1 of the Fixed-Term Employment Contracts in Science and Research Act (WissZeitVG)."

"The position offers an attractive research environment and a very cooperative team atmosphere. We provide very attractive possibilities concerning networking, integration into the scientific community, supervision, and cooperation with other PhD fellows and postdocs of the research unit. The successful candidate will be part of the DFG-funded Research Unit FOR 5381 Mathematical Statistics in the Information Age - Statistical Efficiency and Computational Tractability (speaker: A. Rhode), funded by the Deutsche Forschungsgemeinschaft and work on Project TP02: "Project II: Optimal actions and stopping in statistical learning" (PIs: A. Carpentier and M. Reiss), under the supervision of Prof. Dr. Alexandra Carpentier.

#### Responsibilities:

research in the field of mathematical statistics, e. g.:

- projects on sequential learning
- inverse problems in statistics

#### Qualifications:

- master's degree in mathematics
- strong focus on mathematical statistics
- theoretical knowledge on machine learning
- fluency in English language

We offer you varied and challenging tasks in a dynamic team as well as attractive working conditions. Find out more about the wide range of offers and benefits for our employees on the internet at <https://www.uni-potsdam.de/de/arbeiten-an-der-up/>. For further insights into the

University of Potsdam, please visit our homepage at <https://www.uni-potsdam.de/en/>. For further information about the position, please contact Prof. Dr. Alexandra Carpentier via e-mail: [carpentier@math.uni-potsdam.de](mailto:carpentier@math.uni-potsdam.de).

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time to their own academic qualification.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified female applicants 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 within the meaning of Section 7 (4) BbgHG (Brandenburg Higher Education Act) and people with severe disabilities will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

**Applicants should send a statement outlining their research plans, a detailed curriculum vitae, and copies of degree certificates, by December 15, 2021 at the latest, by mail to Prof. Dr. Alexandra Carpentier to: [carpentier@math.uni-potsdam.de](mailto:carpentier@math.uni-potsdam.de) with the subject line Academic Staff Member – requisition number 404/2021.**

Potsdam, 24.11.2021