



Job Announcement

The University of Potsdam was founded in 1991 and has firmly established itself within the scientific landscape and developed into an outstanding economic factor and growth engine for the region. The university excels in acquiring third-party funds, has received multiple teaching awards, has a very service-oriented administration, and has been honored several times for its family-friendly culture. About 20,000 students and 3,000 employees study and work at three campuses – Am Neuen Palais, Griebnitzsee and Golm – at one of Germany’s most scenic institutions of higher education.

The **Collaborative Research Center 1294 “Data Assimilation – The Seamless Integration of Data and Models” (CRC 1294)** at the **University of Potsdam** invites applications for the following doctoral position, limited to June 30, 2029, to be filled **as soon as possible**:

Academic Staff Member (f/m/d) ID no. 311/2026

The successful candidate will work 30 hours per week (75 %). The position is classified within remuneration group 13 of the collective wage agreement among the German federal states (“Tarifvertrag für den öffentlichen Dienst der Länder” – TV-L). The fixed term of employment is in accordance with Section 2 subsection 1 of the German Act on Fixed-Term Employment Contracts in Science and Academia (Wissenschaftszeitvertragsgesetz or WissZeitVG). If necessary, an extension is possible if personal and legal requirements are met.

Your Field of Work:

CRC 1294 at the University of Potsdam brings together interdisciplinary research on data assimilation spanning mathematics, computer science, physics, cognitive neuroscience, geosciences, and biosciences in theory, computation, and diverse applications. The doctoral position is part of project A04: Nonlinear statistical inverse problems with random observations and mainly supervised by Dr Bernhard Stankewitz. The ideal candidate will work on the theoretical analysis of computational aspects of Bayesian methods for nonlinear inverse problems. The focus will be on establishing statistical guarantees for computationally efficient algorithms and their implementation.

The Scope of Your Responsibilities:

- Research as part of project A04 under the supervision of Dr Bernhard Stankewitz including scientific publications and participations at international conferences.
- Scientific cooperation and interdisciplinary work with other projects of CRC 1294.
- Regular participation in scientific events of CRC 1294.

Further academic qualification (doctorate) is possible. At least one-third of working hours is available for in-depth academic work.

Your Qualifications:

We are seeking motivated applicants with an excellent university degree in Mathematics with a focus on Mathematical Statistics or Stochastics, very good programming skills (Python, Julia, C or similar), and proficiency in written and spoken English. Applicants should be interested in theoretical and computational aspects of non-parametric statistics, including efficient implementation of algorithms, e.g. using GPU acceleration. Knowledge in inverse problems, partial differential equations and numerical analysis is helpful but not a prerequisite.

What We Offer:

As a university, we combine the strong potential for development of a teaching and research institution with the attractive working conditions of the public sector. The University of Potsdam is a reliable employer that supports its employees with a variety of offers and benefits:

- Make the most of the various continuing education and networking opportunities offered by the University of Potsdam to refine your subject-specific and interdisciplinary competencies for professional as well as personal growth.
- All campuses have good transport connections. You can receive a monthly subsidy for the public transport job ticket and use our campus bicycles.
- Benefit from a company pension scheme, a special annual payment, and capital-forming benefits.
- Take advantage of the various offers from our Occupational Health Management unit as well as the Academic Sports Center.
- To improve employees' work-life balance, the University of Potsdam offers flexible working hours and a defined share of remote working hours (e.g. work from home). You have 30 vacation days per year (with a 5-day week) and are also exempt from work on December 24 and 31.

You can find more information about working at the University of Potsdam at <https://www.uni-potsdam.de/en/arbeiten-an-der-up/employer-up/overview>

For further information about this position, please contact Dr Andreas Pregla by email at: andreas.pregla@uni-potsdam.de or telephone: 0331 / 977 – 203137.

Your Application:

Please send us your application including the **ID no. 311/2026** by **March 22, 2026** preferably by email to sfb1294@uni-potsdam.de or through the postal system to the University of Potsdam, SFB 1294 Coordination Office, Karl-Liebknecht-Str. 24-25, Bld. 29, R. 2.03, 14476 Potsdam. Applications should be a single PDF file including (1) a statement of research interests and motivation, (2) a full CV, and (3) academic transcripts.

If you completed higher education qualifications outside the EU, please submit a German translation and [the assessment of the Central Office for Foreign Education \(Zentralstelle für ausländisches Bildungswesen – ZAB\)](#). Alternatively, please send us a PDF file from the database for the [recognition and assessment of foreign higher education certificates \(ANABIN\)](#).

The University of Potsdam values the diversity of its community and pursues the goals of equal opportunity regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. Applications from abroad and from persons with a migration background are expressly encouraged. The university strives for a balanced gender ratio in all employment groups; in areas where women are underrepresented, women are given preference in case of equal suitability (Section 7 paragraph 4 of the Brandenburg Higher Education Act). People with disabilities are given preferential consideration in case of equal suitability. In aptitude tests and selection interviews, individual compensation measures for disadvantages are granted, taking the specific disability into consideration. If a person with a disability would like to make use of individual compensation measures, please state this in the application letter.

If you would like us to return your application documents, please enclose a self-addressed stamped envelope with sufficient postage.

Potsdam, March 5, 2026