



The Department of Statistics at TU Dortmund University is offering the following position (starting at the earliest possible date):

Professorship (Open Rank W3 tenured or W2 with W3 tenure track) Statistics in Engineering

Our profile

Comprising 17 departments in the natural and engineering sciences as well as the humanities and social sciences, TU Dortmund University is a dynamic university with a strong profile in research, teaching, promotion of young scientists, and transfer.

The Department of Statistics at TU Dortmund University is the only statistics department in the German-speaking countries, with particular strengths in interdisciplinary research. It offers a diverse environment by leading and participating in several large collaborative research projects in statistics, computer science, engineering, and social and life sciences. Its scientific network includes, among others, the Fraunhofer Institutes IML and ISST, the Leibniz institutes IfADo and ISAS as well as the newly founded Research Center "Trustworthy Data Science and Security" as part of the Research Alliance Ruhr. The Research Center builds a scientific bridge between statistics, computer science and social sciences in order to increase trust in digital technologies and methods. The DFG-funded TRR 391 "Spatio-temporal Statistics for the Transition of Energy and Transport" coordinated by the Department of Statistics will start in fall 2024.

Profile of the professorship

You represent the field of statistics in engineering in research and further develop it with international visibility. You participate in research networks and cooperations within and outside the TU Dortmund, e.g. in the Competence Field Energy-System-Transformation of the University Alliance Ruhr and the TU Dortmund Center for Data Science and Simulation (DoDaS). You are committed to promoting young scientists and participate appropriately in the teaching of the Department in the area of statistics in engineering and technometry.

In the case of the W2 professorship with W3 tenure track, the successful candidate will initially be appointed as a temporary civil servant for five years. At the end of this five-year period at the latest, the tenure track will lead to continued employment as a tenured W3 professor, provided that the necessary aptitude, competence and academic performance have been demonstrated and that the legal requirements pertaining to Section 38 of the North Rhine-Westphalia Higher Education Act (Gesetz über die Hochschulen des Landes Nordrhein-Westfalen, HG NRW) are met.

Your qualifications

You have obtained a doctorate with above-average success and have acquired a post-doctoral lecture qualification (Habilitation) or an equivalent qualification. You conduct research in the field of mathematical-statistical theory or methodology in engineering and technometry, which is evidenced by continuous international publications in recognized peer-reviewed journals. Possible fields of research are in particular: technometrically relevant data structures such as networks, time series or spatio-temporal data; experimental design; statistical quality or process control; reliability theory; industrial data science. You also demonstrate your research excellence through experience in acquiring third-party funding as well as via international visibility and international research contacts. Additionally, for the W3 professorship, you can already demonstrate success in the independent competitive acquisition of third-party funding, including cooperative joint projects, you are integrated into international research networks and possess high international visibility. Furthermore, you can demonstrate continuous international publication achievements at a high level, especially in recent years, and the willingness to initiate cooperative joint projects. Cooperations with the research areas of TRR 391 "Spatio-temporal Statistics for the Transition of Energy and Transport" are desirable. All applicants will have the potential for teaching excellence. Social and leadership skills and the willingness to participate in academic self-administration will complete your profile. Moreover, the recruitment requirements in Section 36 and 37 HG NRW apply.

Attractive environment

We offer an excellent academic environment and attractive cooperation opportunities with renowned international, national, and regional partners. The metropolitan Ruhr Area with the University Alliance Ruhr (UA Ruhr) guarantees short distances to diverse of partners from science and industry. With our Dual Career Service, we support your partner in finding professional opportunities in the region, if desired. We will be happy to provide information about housing and living in Dortmund and help you find childcare options. If you are coming to us from abroad, our Welcome Service will support you upon your arrival in Germany.

Diversity welcome

A central goal of TU Dortmund University is to promote diversity and equal opportunities. We strive to significantly increase the percentage of women in research and teaching and therefore welcome applications from female academics. We give preference to severely disabled applicants if their qualifications meet the requirements. We support the compatibility of family and career and promote gender equality in academia and research.

Your application

If you are interested in the position, please submit your application by **07.08.2024** via our application portal.

Details on the application process and the preparation of application documents can be found here:

berufung.tu-dortmund.de/en/application

Questions will be answered by the Dean of the Department of Statistics, **Professor Dr. Philipp Doeblner**, tel: +49 231/755-3109 or dekanat.statistik@tu-dortmund.de

Further information about the Department of Statistics can be found at statistik.tu-dortmund.de/en/

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