

At the University of Göttingen -Public Law Foundation-, Institut für Mathematische Stochastik, there is a position as

**3 years Postdoc position "Statistical Foundations of Data Science"(all genders welcome)  
Entgeltgruppe 13 TV-L/100%**

to be filled. Starting date is 10/1/2023. The position is limited to 09/30/2026.

We are looking for highly-motivated applicants with a very good PhD thesis in mathematics, statistics or a related area who have an excellent background in statistical theory and/or computational statistics and optimization. The advertised position is associated with the working group of Prof. Axel Munk,

[www.stochastik.math.uni-goettingen.de/munk](http://www.stochastik.math.uni-goettingen.de/munk)

Research topics include but are not limited to: Statistical data analysis based on optimal transport, sublinear time statistical estimation and testing, statistical inference on discrete structures such as graphs and networks, and geometrical statistical methods. We offer the possibility to collaborate in a team together with lab scientists within the DFG-cluster of excellence: "MBExC: Multiscale bioimaging: From molecular machines to networks of excitable cells", the DFG collaborative research center "Mathematics of experiment", the DFG Research Unit "Mathematical Statistics in the Information Age" and with other groups from mathematics and computational science. Possible applications include the development of new data analysis techniques for cryo-EM, super resolution microscopy or the analysis of cell formation and evolution. Finishing a habilitation or the willingness to work toward it is very welcome. Reduced teaching duties for an equivalent of 2 hours of classes a week during the semester involve support for the newly developed lecture series "Statistical foundations of data science" and the co-organization of advanced seminars. Good English language skills are mandatory, German language skills are useful but not necessarily required at the beginning.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The University is particularly committed to the professional participation of severely disabled employees and therefore welcomes applications from severely disabled people. In the case of equal qualifications, applications from people with severe disabilities will be given preference. A disability or equality is to be included in the application in order to protect the interests of the applicant.

Please upload your application in one pdf file including the usual documents until 7/24/2023 on the application portal of the university using this link: <http://obp.uni-goettingen.de/de-de/OBF/Index/74065>. Institut für Mathematische Stochastik, Bewerbung per email

**Please note:**

With submission of your application, you accept the processing of your applicant data in terms of data-protection law. Further information on the legal basis and data usage is provided in the [Information General Data Protection Regulation \(GDPR\)](#)