At the University of Göttingen - Public Law Foundation – we have a position at the Collaborative Research Center (CRC) 1456 Mathematics of Experiment, October 1, 2023 or later, as

**Doctoral Researcher (PhD Student) (all genders welcome)**
- **75% of pay grade 13 TV-L** -

to offer. The vacancy is limited for 3 years. If the CRC 1456 will not be continued beyond the 1st funding period, the research activities will be continued at the Institute for Mathematical Stochastics.

**About us:**
At the CRC 1456, we develop new mathematical concepts for the efficient reconstruction and classification of relevant structural information in biomolecules. In doing so, we benefit from an interplay between approaches in statistics, geometry and optimization. We offer an interdisciplinary qualification program that equips our graduate students with a broad set of skills for analyzing data – also beyond the scientific scope of our CRC. More information about the CRC 1456 is provided on our website: https://www.uni-goettingen.de/de/628179.html

**The position:**
You will conduct research in project A01 which deals with statistics on non-Euclidean spaces with applications in ENDOR microscopy. Additionally, you will take part in our study program, which includes special lectures and seminars, our annual SFB workshop, regular meetings with other PhD students as well as with your thesis advisory committee, and a course on good scientific practice.

**Your profile:**
As a successful candidate, you
- hold an excellent or very good Master’s degree (or equivalent) in mathematics or physics,
- have strong interest in mathematical and multivariate statistics and/or geometry and a reliable background in one of these areas,
- are proficient in written and spoken English,
- have gained some relevant experience in programming (e.g., Python, R, C++).

The University of Göttingen aims to increase the proportion of women in areas where women are underrepresented and therefore urges qualified women to apply. It also sees itself as a family-friendly university and promotes the compatibility of science / career and family. The university is particularly committed to the professional participation of severely disabled and therefore welcomes applications from severely disabled persons. In case of equal qualifications, preference will be given to applications from people with severe disabilities. A disability or equality is to be included in the application in order to protect the interests.

Please submit your application with all important documents in one document summarized until 9/3/2023 exclusively via E-Mail: huckeman@math.uni-goettingen.de Further information by Stephan Huckemann, E-Mail: huckeman@math.uni-goettingen.de

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 Hinweisblatt zur Datenschutzgrundverordnung (DSGVO)https://www.uni-goettingen.de/hinweisdsrgvo https://www.uni-goettingen.de/hinweisdsrgvo