



## Postdoctoral Researcher (f/m/x) – Probability Theory

Department of Mathematics/Computer Science | Division of Mathematics

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The Department of Mathematics and Computer Science at the University of Cologne is looking for a postdoctoral researcher (f/m/x) in probability theory.

### YOUR TASKS

» Position Overview: We are seeking an outstanding and highly-motivated postdoctoral researcher with a strong background in probability theory. Ideal candidates will have a doctorate in Mathematics (or a closely related field) and demonstrated expertise in probability theory, particularly in the study of random media, such as percolation theory or processes in random environments. The successful candidate will have the opportunity to work in the DFG Priority Programme (SPP 2265) 'Random Geometric Systems', on cutting-edge topics at the intersection of geometry and probability.

### YOUR PROFILE

- » Doctorate in Mathematics or a closely related discipline
- » Strong research background in probability theory, particularly in areas related to random media
- » Interest in collaborating on research projects within larger academic initiatives like SPP 2265

### WE OFFER

- » A dynamic and supportive research environment within a renowned academic institution
- » Opportunities for academic growth, including working with leading experts in the field
- » Support in developing your teaching and academic career

- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available immediately on a full-time basis. The position is to be filled for a fixed term until 31.03.2027 with the possibility of extension for another year. If the applicant meets personal qualifications and the relevant wage requirements or the relevant civil service wage requirements, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without a photo under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2412-13. The application deadline is 25.01.2025. For further inquiries, please contact Professor Dr Alexander Drewitz ([adrewitz@uni-koeln.de](mailto:adrewitz@uni-koeln.de)) or Ms Heidi Anderka ([handerka@uni-koeln.de](mailto:handerka@uni-koeln.de)) and take a look at our [FAQs](#).