



2 PhD positions (f/m/x) in Poisson Geometry

Department of Mathematics and 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.

In the Department of Mathematics, in the 'Poisson Geometry' research group led by Dr Ioan Marcut, two PhD positions (f/m/x) are available within the research area 'Linearization and Deformations of Poisson Structures'.

YOUR TASKS

- » Collaboration on research projects in the field of 'Linearization and deformations of Poisson structures'. Dissertation topics may arise from the research results.
- » Teaching obligation to the extent of 2.6 hours per week during the semesters (2.6 SWS)
- » Support in the organization of research seminars, workshops and conferences

YOUR PROFILE

- » Master's degree in a mathematics programme completed by the start of employment
- » In-depth knowledge of differential geometry, proven e.g. by a Master's thesis in a subfield of differential geometry
- » Knowledge of Poisson geometry, Lie theory, symplectic geometry, theory of PDEs and functional analysis is also highly desirable
- » Openness and enthusiasm to learn new mathematics
- » Knowledge of German or willingness to learn German is required

WE OFFER

- » The possibility of a doctorate is given
- » A diverse work 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 is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

The positions are available from 01.10.2024 on a part-time basis (26,29 hours per week). The positions are to be filled for a fixed term until 30.09.2028. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be 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 Wiss2406-04. The application deadline is 25.06.2024.

For further inquiries, please contact Dr Ioan Marcut (via Ms Manzanilla) manzanil@math.uni-koeln.de.