

Postdoc in Condensed Matter Theory (f/m/d)

at the Institute for Theoretical Physics

The University of Cologne is one of the largest and most research-intensive universities in Germany, offering a wide range of subjects. With its six Faculties and its inter-Faculty centres, it offers a broad spectrum of academic disciplines and internationally outstanding profile areas, supported by the administration with its services.

The group of Achim Rosch works on a broad range of topics in solid state theory, often in collaboration with experimental groups.

YOUR TASKS

The successful candidates will work in the field of Condensed Matter Theory. Possible specific areas include topological matter, linear and non-linear transport theory, driven systems far from thermal equilibrium, magnetic skyrmions and other textures, open quantum systems, strongly interacting and frustrated systems, emergent gauge theories and others. We value creativity and a broad range of analytical and numerical skills.

YOUR PROFILE

Applicants should hold an PhD degree in physics, have a track record of high-quality publications and substantial research experience in one or several of the research topics described above.

OUR OFFER

- » scientific research in an attractive environment
- » a diverse and fair working environment
- » support in reconciling work and family life
- » flexible working time models
- » extensive advanced training opportunities
- » occupational health management offers
- » local transport ticket at a discount for UoC employees

The position is to be filled as from 01.04.2023 on a full time (39,5 h) basis.

The position is initially limited to two years.

If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

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.

Please send your convincing application (a full CV, including a short statement of research interests, a publication list and an electronic contact details of two referees) with proof of the sought qualifications in English by email (in one pdf-file) to Achim Rosch (rosch@thp.uni-koeln.de). The application deadline is 15.1.2023.

For any further questions, please contact: rosch@thp.uni-koeln.de