

Postdoctorate Research Assistant (f/m/d) in Meteorology

Institute for Geophysics and Meteorology

Foto: Thomas Josef

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 interfaculty centres, it offers a broad spectrum of scientific disciplines and internationally outstanding profile areas, supported by the administration with its services.

The research group of Prof. Dr. Roel Neggers (InScAPE, <http://atmos.meteo.uni-koeln.de/inscape/>) makes use of high resolution simulations and measurements to investigate turbulence, convection, clouds and their role in Earth's climate system. New insights are used to explore novel conceptual pathways for improving representations of these processes in Earth System Models. Our current research focuses on various climate regimes including the subtropics, mid-latitudes and the Arctic. We participate in various national and international research projects. We are currently looking for a postdoctorate researcher to support our activities.

YOUR TASKS

- » conduct scientific research towards the objectives of the research group
- » perform high-resolution simulation and evaluation against observational datasets
- » support scientific work in the research group
- » actively participate in ongoing research projects
- » contribute to teaching and student supervision
- » provide administrative support

YOUR PROFILE

- » PhD degree in meteorology, physics, mathematics or similar natural science
- » strong interest in the numerical simulation and/or conceptual modeling of geophysical flows, in particular atmospheric convection and clouds
- » developed scientific programming skills (Fortran, C++, Python) on UNIX/LINUX systems and high performance computers
- » experience with processing and visualizing large scientific datasets, including observations
- » excellent communication skills in written and spoken English, preferably also in German
- » proven ability to work both independently and as part of a team

WE OFFER YOU

- » an opportunity to perform cutting-edge research at the interface of meteorological simulation and observation
- » 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 available from 15.11.2021 on a full-time basis. It is initially limited to two years with the possibility of extension. 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 with proof of the sought qualifications by email (in one pdf-file) with the reference number Wiss2109-12 to neggers@meteo.uni-koeln.de. The application deadline is 12.10.2021.

If you have any questions, please contact Prof. Dr. Roel Neggers: neggers@meteo.uni-koeln.de.