



UNIVERSITY
OF COLOGNE

Faculty of Mathematics and Natural Sciences

Postdoc position (f/m/x) in Arctic amplification

Institute for Geophysics and Meteorology



Foto: Thomas Jösel

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 position is funded within the Collaborative Research Center TR172 Arctic Amplification (AC)3 (www.ac3-tr.de), whose third phase will start in January 2024. The overall goal of this position is to analyze Arctic cloud and precipitation properties from ground-based remote sensing observations particularly for the site Ny-Ålesund (for more information about the project www.geomet.uni-koeln.de).

YOUR TASKS

- » Operation of microwave radiometer, cloud radar and precipitation sensors and application of suited retrieval algorithms
- » Synergetic analysis of remote sensing measurements, also in combination with results from high-resolution modeling, to better understand clouds and precipitation in the Arctic
- » Comparison of the measurements at Ny-Ålesund with campaign data and analysis of spatio-temporal variability of clouds and precipitation in the Arctic
- » Active participation in research communication (seminars, conferences, publication in international journals)

YOUR PROFILE

- » PhD in Meteorology or a related field
- » Strongly experienced in atmospheric remote sensing
- » Advanced state of the art programming experience, UNIX or LINUX operating system
- » High willingness to collaborate with scientists in- and outside of TR172 and to establish new scientific cooperations
- » Ability to work in a team as well as independently
- » Very good communication skills in written and spoken English

WE OFFER

- » Working in an internationally well-established working group
- » 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 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 position is available immediately on a full-time basis (39,83 hours per week). The position is to be filled for a fixed term until 31.12.2027. 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.

Please apply online with proof of the required qualifications without a photo under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2401-06. The application deadline is 31.01.2024. For further inquiries, please contact Kerstin Ebell (kerstin.ebell@uni-koeln.de).