

The Goethe University Frankfurt am Main invites applications for the position of

Professor (W2 with tenure track) of Cloud Physics in the Climate System

in the Institute of Atmosphere and Environment at the Faculty of Geosciences and Geography. This civil servant or public employee position will start 1 October 2022.

This is a tenure-track position for an initial six-year term. If tenure is approved at the end of the term, the position will be made permanent and promotion to the rank of Distinguished Professor (W3) will be granted.

The candidate represents the physics of clouds in the climate system, both in research and teaching. The investigation of impacts and potentials of renewable energies with the help of meteorological modeling may also be part of the research content. Collaboration with other research groups within Goethe University and participation in coordinated research programs and research networks, especially in the existing DFG TRR 301 »The tropopause region in a changing atmosphere (TP Change)« is expected. The position holder will be expected to participate appropriately at all levels of university education in the Institute for Atmosphere and Environment in the Department of Geosciences/Geography, especially in the Meteorology program (BSc and MSc). Participation in academic governance is also expected.

Applicants should have internationally recognized, multi-year research experience in cloud modeling at the process scale, of aerosol-cloud interactions, cloud dynamics, the influence of anthropogenic aerosols on cloud formation and cloud properties, and the climate impact of cloud processes. Experience in working with complex data and process analysis is also expected. Recruitment requirements include a relevant PhD in atmospheric sciences, pedagogical aptitude, experience in leading a research group, and a particular aptitude for in-depth scientific work as demonstrated by the outstanding quality of the PhD and other relevant publications in international journals. Successful experience in the competitive acquisition of public third-party funding is also a prerequisite.

The formal hiring requirements are defined in sections 67, 68, and 70 of the Hessian Higher Education Act (Hessisches Hochschulgesetz).

Goethe University is an equal opportunity employer, committed to diversity and inclusion. In particular, we are welcoming applications by qualified women and people with a migrant background. At Goethe University, a special emphasis is placed on creating and sustaining a family-friendly work and research environment. Where applicants are otherwise equally qualified, preference is given to candidates with disabilities or equivalent. The same applies to women in fields in which they are under-represented.

To apply, please send a CV, a list of publications, an overview of your research and teaching activities as well as transcripts and course evaluations as a single PDF document by 8 June 2022 to dekanat-geowiss@em.uni-frankfurt.de. If you have any questions, please contact Prof. Dr. Ulrich Achatz at achatz@iau.uni-frankfurt.de. Further information about the appointment process, the legal framework and data protection: www.vakante-professuren.uni-frankfurt.de