

Job Advertisement 2026-01

12.01.2026

At the Leibniz Institute of Atmospheric Physics (IAP), a full-time position (40h/week) in the Department “Modelling of Atmospheric Processes” is available as

Scientific Programmer (f/m/d)

The position is initially offered for two years with a start date as soon as possible and the option to be made permanent afterwards. The salary is according to class EG 12 TV-L.

Your Tasks:

The successful candidate will facilitate code collaboration within the Modelling of Atmospheric Processes (MOD) department and, in particular, manage IAP code contributions to the upper atmosphere components of the ICON model in collaboration with partner institutions such as the German Climate Computing Center (DKRZ) and German Weather Service (DWD), including GPU porting. They will perform production runs of ICON and provide corresponding debugging and/or performance analysis, document ICON model usage and workflows within MOD, as well as develop and extend in-house climate data processing and visualization software.

Your Qualifications / Experience:

- completed university degree (bachelor's or higher) in informatics, mathematics, physics, geosciences or a related field with preferably good results
- strong interest in High Performance Computing on CPUs and GPUs
- experience with simulations on supercomputers producing large volumes of data
- proficiency in Fortran, Python, shell scripting, and processing simulation data
- experience with CI/CD pipelines (e.g., using GitHub/GitLab)
- experience with Linux command-line environments (including remote systems via SSH) and Windows
- interest in modern software engineering practices (testing, code review, modular design)
- fluency in English as working language

What we offer:

- an attractive working place near the Baltic Sea
- modern equipment
- engagement in an international work environment
- participation in the company pension scheme (VBL)
- employment relationship in accordance with the provisions of the Collective Agreement for the Public Service of the Federal States (TV-L)
- flexible working hours and mobile working within the framework of the applicable regulations
- family office

Who we are: Our mission is to advance the scientific knowledge of the mesosphere and lower thermosphere by developing and exploiting expertise in atmospheric physics, instrumentation, analysis and modelling to serve emerging societal needs – such as questions regarding climate change.

On the regional level, we closely cooperate with the University of Rostock and are an integral part of the teaching program of the Institute of Physics. Our network includes the research community worldwide. As an institute of the Leibniz Association, we distinguish ourselves as a modern and innovative employer that highly values family friendliness, equality of opportunity and flexibility.

Interested?

Please send your application with complete, informative documents, including

- motivational letter
- curriculum vitae
- diploma with indication of final grade
- copy of certificates, possibly testimonies and references

under indication of the keyword: **2026-01**

to: personal@iap-kborn.de

The advertisement remains open until a suitable person has been appointed. Unfortunately, application and travel costs cannot be covered by the state of Mecklenburg-Vorpommern. By submitting your application, you consent to the processing of your personal data for the purpose of the application process.

Equal Opportunities: We pursue a family-friendly personnel policy, and strive to increase the proportion of women. Qualified women are therefore explicitly encouraged to apply. People with disabilities are given preference if they have the same qualifications.

Contact: For further information, please contact Prof. Dr. Claudia Stephan (CCStephan@iap-kborn.de) or inform yourself under www.iap-kborn.de.

