



UNIVERSITÄT
LEIPZIG



In the Faculty of Physics and Earth System Sciences, Institute of Meteorology, for a period of **2 years**:

Software developer or scientist with excellent programming skills in the field of control and processing of camera systems (m/f/d)

The Leipzig Institute of Meteorology is a nationally recognised centre for meteorological research and teaching. It is one of the largest meteorological institutes in Germany, with seven professorships and around 150 students on the bachelor and master programmes in meteorology. Our institute's research uses global climate and weather models as well as observational data to study processes that govern the development of weather and climate in the troposphere, middle and upper atmosphere.

WHAT WE OFFER

- Work on an exciting project at the interface between science, research and teaching (DFG Major Instrumentation Initiative; <https://tinyurl.com/ye63eyms>)
- Salary according to collective agreement (13 TV-L) with annual bonus
- Discounted local public transport ticket (e.g. the Deutschlandticket as a job ticket)

DUTIES

- Development of the control and data acquisition system for a new multi-camera system to be used autonomously on board the HALO research aircraft.
- Developing routines to process the different camera components (synchronisation, georeferencing, visualisation)
- Laboratory calibration of the camera system for radiometric, geometric and spectral properties

REQUIREMENTS

- Degree in engineering/science or equivalent (e.g. electrical engineering, computer science)
- Knowledge of camera technology and image processing
- Profound experience in software development with LabView, Pleora SDK, C
- Structured and independent way of working with initiative and ability to work in a team
- Very good written and spoken German and English
- Willingness to travel occasionally

Please send your application documents in PDF format by e-mail by **15 November 2024** to Dr **Anja Schwarz** (anja.schwarz@uni-leipzig.de)

Research, teaching, transfer, infrastructure and administration require a diversity of perspectives. The University is committed to diversity and equal opportunities. We welcome your application regardless of gender, nationality, cultural and social background, age or sexual orientation. The University aims to increase the proportion of women in positions of responsibility and therefore encourages qualified women to apply.

CONTACT

If you have any questions regarding the content of the call for proposals, please contact Dr Evelyn Jäkel (e.jaekel@uni-leipzig.de).