



Technische
Universität
Braunschweig

Institut für
Luft- und Raumfahrtssysteme



Institut für
Flugführung



We are looking for a:
Meteorologist / Physicist / Engineer
for
Meteorological Flight Campaigns

The Institute of Aerospace Systems (ILR) and Institute of Flight Guidance (IFF) are part of the Technische Universität Braunschweig, Germany, and located at the research airport of Braunschweig. For the research in the lower atmosphere, TU Braunschweig operates several meteorological UAVs (Unmanned Aerial Vehicles) and manned research aircraft.

We are looking for a project scientist (PhD student), starting as soon as possible, for the investigation of aerosol properties, especially particle formation, with aerosol instruments on a UAV. The task includes the preparation and modification of the UAV system, integration of miniaturized aerosol sensors, participation in first field campaigns and data analysis together with the cooperation partners.

We offer innovative technology, unique scientific data sets and the opportunity to co-operate with excellent scientists in national and international projects.

We expect that the candidate will become acquainted with boundary-layer meteorology, aerosol sensors, turbulence theory, electronics and measurement technique.

Required qualifications:

1. a University master degree or similar
2. good understanding of natural science
3. self-dependent work in a multi-disciplinary team
4. good practice in the English language
5. flexibility and willing to travel
6. programming experience (Fortran, C, C++, matlab)

This appointment will be compensated by 75 % of TV-L E13 and offers the possibility of PhD.

Particularly, women are encouraged to write an application. Disabled persons are preferred by equal qualification.



Please send your application by e-mail (as one pdf only):

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