

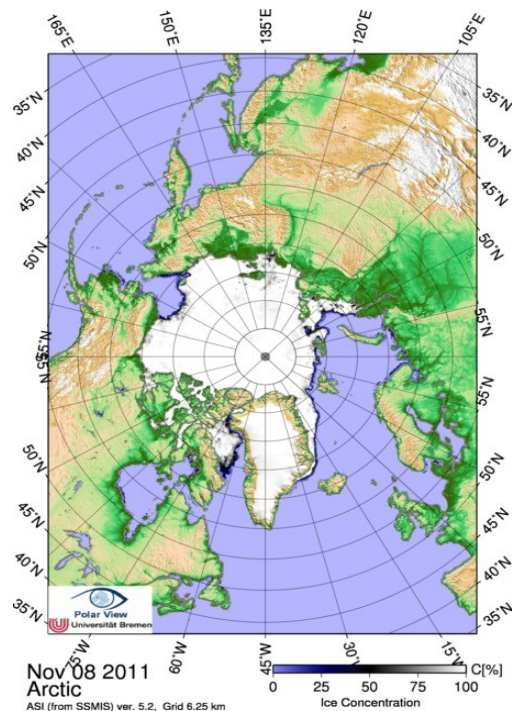
The Institute of Environmental Physics (IUP) of the University of Bremen seeks a

## Scientific Programmer / Scientific Assistant

to improve the existing processing system. The daily sea ice maps at [www.iup.uni-bremen.de:8084/ssmis/](http://www.iup.uni-bremen.de:8084/ssmis/), based on data of the spaceborne passive microwave sensors AMSR-E and SSMIS, are worldwide known and massively used.

Among the tasks are

- adopting to the new satellite sensor AMSR-2 planned for launch 2012
- harmonization of time series composed of parts from different sensors
- technical improvements
- user administration and access control



The work is embedded in the ESA GMES project PolarView ([polarview.org](http://polarview.org)), and other international activities.

The IUP belongs to the leading institutes in remote sensing, especially of sea ice and has been producing sea ice maps since 1999.

Candidates should hold a degree in scientific programming, physics, electrical engineering, industrial mathematics or a related field. It will be helpful for this work to enjoy quantitative understanding of satellite images, and experience in image and signal processing and programming, best in IDL, Python or Fortran, and Linux system programming.

If the candidate is interested, there are perspectives to develop this work into a PhD project.

The remuneration will depend on the qualifications up to TV-L E 13. The project is limited to two years. The group PHAROS (Physical Analysis of RemOte Sensing images) offers a positive work ambiance, daily contacts to experienced colleagues and manifold contacts to domestic and worldwide institutes and projects.

Please direct applications or questions to:  
Dr. Georg Heygster, Tel. 218-62180, email [heygster@uni-bremen.de](mailto:heygster@uni-bremen.de)