



10/02/2010

The Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Section Observational Oceanography, invites applications for a

Postdoc position (Reference 17/D-KLI)

to analyse circulation dynamics and properties of the Arctic Ocean in a changing climate. The position will contribute to the BMBF funded programme "Laptev Sea System".

Research program: The Arctic shelf seas play an important role in climate both as major factories of sea ice and as distribution areas of huge amounts of river runoff. In the same time they cover large areas of submarine permafrost. Climate warming is particularly strong in the Arctic which is expected to be related to feedback processes in the sea ice atmosphere ocean system. A good knowledge of the ocean sea-ice dynamics is therefore essential for understanding Arctic change and proposing future developments.

Task: The successful applicant will combine a variety of Arctic Ocean observations and numerical model results to study Arctic Ocean changes. The availability of data sets from past programme periods will allow the candidate a strong publication activity. He/she will also participate in scientific cruises to continue the observational program.

Requirements: We seek a person holding a PhD degree in physics, physical oceanography, meteorology or related disciplines and having a deep interest in understanding the high latitude climate system. An excellent physical background and experience with data analysis are necessary.

The position is limited to three years. The salary will be according to the German Tarifvertrag für den öffentlichen Dienst der Länder (TV-L). The position is located at the AWI site in Bremerhaven.

AWI aims at an increase of the number of women in the scientific staff and therefore encourages women to apply. Disabled applicants with essentially identical technical and personal suitability will be preferentially selected, please see our notification on our homepage under job offers/jobs. AWI supports the combination of job and family. It offers nursery places at its Bremerhaven site.

Further information: Dr. Jens Hölemann (Jens.Hoelemann@awi.de)
or Prof. Dr. Ursula Schauer (ursula.schauer@awi.d)

The deadline for the application is March 10, 2010. Please send your applications with the standard documentation (curriculum vitae, publication list, and certificate) under the above reference number to:

**Alfred-Wegener-Institut für Polar- und Meeresforschung,
Personalabteilung,
Postfach 12 01 61,
27515 Bremerhaven
(<http://www.awi-bremerhaven.de>)**