

## **Researcher in Arctic Meteorology (A)**

**at the Department of Meteorology. Closing date: 1 February 2017.**

### **Project description**

The position is within a project funded by the European Commission under the Horizon 2020. The overarching goal of this four-year project, the Advanced Prediction in Polar regions and beyond: modelling, observing system design and Linkages associated with a Changing Arctic climate (APPLICATE), is to investigate ways to improve weather and climate prediction in the face of a rapidly changing Arctic. The project has 16 international partners from nine countries and is coordinated by the Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) - Bremerhaven, Germany.

### **Main responsibilities**

The project concerns improving model parameterizations of Arctic processes with a special emphasis on clouds, boundary-layers and the interaction at the ocean/sea-ice/atmosphere interfaces. The work will be done using observations and implementing theoretical insights in a newly developed coupled single-column model, as well as in global coupled simulations on both weather and climate timescales.