

The Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) is a member of the Helmholtz Association (HGF) and funded by federal and state government. AWI focuses on polar and marine research in a variety of disciplines such as biology, oceanography, geology, geochemistry and geophysics thus allowing multidisciplinary approaches to scientific goals.

The section **Physics of the Atmosphere** in **Potsdam**, Germany, invites applications for a

PhD position

Description and tasks: The PhD theme will be the analysis and interpretation of data from ground based remote and in situ sensing instrumentation, which is in continuous operation at the Arctic Research Base AWIPEV on Spitsbergen, as well as campaign data from the PASCAL and ACLOUD campaigns performed within the DFG funded Transregio Collaborative Research Centre 172: Arctic Amplification: Climate relevant atmospheric and surface processes and feedback mechanisms (AC3). The goal of the work is to quantify the contribution of water vapour and aerosol content and variability to the amplified Arctic climate change.

Requirements: We seek an interested and motivated young researcher to work in a multi-disciplinary team. The position requires a master or diploma degree in physics, meteorology or a related field. Experience in scientific programming with Matlab or equivalent software is advantageous. Good English language skills are expected, as the applicant is expected to discuss and disseminate results on national and international meetings and conferences. The willingness to participate in expeditions to the Polar Regions is required.

For more information, please contact **Dr. Roland Neuber** (Roland.Neuber@awi.de) or Dr. **Christoph Ritter** (Christoph.Ritter@awi.de).

The position is limited to three years. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund) based on qualifications and transferred tasks, salary level 13 (66%). The place of employment will be **Potsdam**.

We offer you a multi-disciplinary, international, and fascinating professional environment with flexible working hours, state-of-the-art research equipment, and a first-rate infrastructure. AWI aims to increase the number of women in the scientific staff and therefore encourages women to apply. Disabled applicants will be given preference when equal qualifications are present. The AWI fosters the compatibility of work and family through various means. Because of our engagement in the area of work-life compatibility we have been awarded the certificate "Career and Family".

As Ph.D. student at AWI you will be member of the Helmholtz Graduate School for Polar and Marine Research 'POLMAR' (<http://polmar.awi.de>) and/or the AC3 PhD programme (<http://www.ac3-tr.de/phd/>).

Please forward your applications with the standard documentation (CV and degree certificates) by **January 31st 2018** referencing code **17/D/Kli-P** by e-mail (all documents merged into a single PDF file) to: **personal.potsdam@awi.de**.