



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.

In the framework of the project "Size is important! Sub-micrometer microplastics in the marine environment?" (WT.SH FIT project) we are seeking for a

PostDoc Chemistry for nano-FTIR analysis of microplastics

Tasks:

We extended our analysis platforms by a nano-FTIR Imaging system. The PostDoc will be responsible for operating and maintaining the system for the analysis of synthetic polymers (microplastics and nanoplastics) in the aquatic environment.

Requirements:

- PhD in chemistry
- Experience in AFM microscopy and FTIR spectroscopy
- Beneficial: Experience in polymer science
- Excellent team work capabilities in a multidisciplinary team
- Fluency in English and German (written and spoken)
- Willingness of mentoring students (Master, PhD)
- Publication in peer-reviewed journals and presentations at international conferences

For further information please contact **Dr. Gunnar Gerdt**s (gunnar.gerdt@awi.de).

The position is limited to 3 years and advertised subject to availability of funding. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund) up to salary group 13, based on qualifications and transferred tasks. The place of employment will be **Helgoland**.

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".

Please forward your applications with the standard documentation (letter of motivation, CV, publication list if applicable and contact information of two referees) by **April 06th, 2017** referencing code **52/D/Bio** to: Alfred-Wegener-Institut für Polar- und Meeresforschung, Personalabteilung (human resources), Postfach 12 01 61, 27515 Bremerhaven/Germany or by e-mail (all documents merged into one PDF file) to: personal@awi.de.