Job announcement (Che-01/2020)

The Department Marine Chemistry of the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) is offering a position (3 years) as

PhD Student

starting on September 1st, 2020. Remuneration is paid depending on the individual qualification and in accordance with the TV-L salary scale at level EG 13 monthly gross salary (30 hours/week).

The IOW is an independent institute of the Leibniz Association, engaged in system analysis of coastal and marginal seas, with special focus on the Baltic Sea. The scientists of the four departments (Physical Oceanography, Marine Chemistry, Biological Oceanography and Marine Geology) cooperate within the framework of a joint research program.

Job description
The task of the PhD student will be to improve understanding of nutrient and carbon cycling in the water column of the Baltic Sea by using commercial sensors on various platforms. The aim is to better understand the dynamics of the elemental cycles and its driving factors on seasonal scales. By combining information from laboratory work, ship campaigns as well as the use of profiling drifters (BGC-Argo Floats) and a ferry line, the PhD student will evaluate the biogeochemical sensors used, develop or improve processing routines, and analyse and interpret the collected data with respect to the elemental cycles. The position is part of the working group “Trace Gas Biogeochemistry” and embedded in the BMBF project “DArgo2025 – Pilot studies for the extended Argo monitoring network in Germany”.

Qualification
Applicants must have a master/diploma degree (at least “good”) in chemical oceanography/marine chemistry, environmental science, environmental chemistry, engineering with a focus on environmental analytics, or a related discipline. The willingness to work at sea, good English language skills as well as the ability to work in a team and in an interdisciplinary environment are expected. Desired criteria are experience with optical absorption measurements, in pelagic biogeochemistry (marine carbon system and nutrient cycles), or/and in analysis
programs such as Matlab, Python, Julia or R or the willingness to familiarize oneself with them.

Applicants are asked to send their complete applications (cover letter, CV, copies of certificates, description of relevant activities and experience, as well as an answer to the task set out in the attachment at https://www.iowarnemuende.de/che-01-2020-jobannouncement.html) until 06 July 2020 quoting the Code: Che-01/2020 to:

bewerbung.chemie@iowarnemuende.de or

Leibniz Institute for Baltic Sea Research Warnemünde
Dept. Human Resources
Seestraße 15
D-18119 Rostock
Germany

Interviews are scheduled for calendar week 29 (13 – 17 July 2020).

Applications of disabled persons with same professional and personal qualification will be treated preferentially. Please indicate a handicap in the cover letter and enclose the relevant certificate.

The job advertisement is aimed at all persons regardless of their gender. Applications of female candidates are particularly encouraged and will be treated preferentially in case of equal qualifications and suitability, as the post to be filled belongs to a structural unit in which women are underrepresented.

The IOW promotes equal opportunities and was awarded the Total Equality Award (TEQ) regularly since 2013. An overview of our measures to equal opportunities and to improve the compatibility of work and family can be found at https://www.iowarnemuende.de/equal-opportunity.html.

The Leibniz Institute for Baltic Sea Research offers a varied workplace in the immediate vicinity of the Baltic Sea. Interdisciplinary research topics on the Baltic Sea ecosystem, broad in-house expertise in physical, chemical and biological oceanography, and marine geology, state-of-the-art-laboratory equipment and infrastructure together with modern facilities provide an excellent framework for best research conditions.

Application and travel costs cannot be reimbursed unfortunately.

For further information, please contact:

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or visit our website: www.iowarnemuende.de