

Job posting (Phy 05/2024)

The Leibniz Institute for Baltic Sea Research Warnemünde (IOW) has a temporary vacancy from Nov 15, 2024:

PhD position in the Department of Physical Oceanography

for a period of 3 years and a percentage of 75% (30h/week). Remuneration is paid in accordance with the *Tarifvertrag für den öffentlichen Dienst der Länder* (TV-L, Public Sector Collective Agreement on Länder) salary scale at level 13.

Female applicants are given preference in the case of equal qualifications and suitability.

Who are we?

IOW is an independent research institute of the Leibniz Association for which equal opportunities, family friendliness and work-life balance are very important. Our research focuses on coastal and marginal seas, especially the Baltic Sea. Our four departments Physical Oceanography and Instrumentation, Marine Chemistry, Biological Oceanography and Marine Geology collaborate on an interdisciplinary basis as part of a joint research programme.

What will be your tasks?

This PhD project will focus on mixing and water mass transformations in submesoscale fronts in the surface ocean. These analyses will be primarily based on experimental data from fronts in the South Atlantic and the Skagerrak region. Your tasks will include participating in oceanographic research cruises, collecting and analyzing data and publishing the results. You will collaborate closely with other project partners who are investigating these processes with the help of numerical simulations.

These activities are part of a larger national and international research initiative, carried out in collaboration with our project partners from other oceanographic institutions in Germany and Northern Europe. The project is also associated with the large-scale project cluster [TRR181 “Energy Transfers in Atmosphere and Ocean”](#), funded by the German Research Foundation (DFG), in which numerous

national institutions collaborate to develop the next generation of energy-consistent climate models.

What do we expect from you?

Applicants must have a MSc degree (at least grade “good” or comparable) in Physical Oceanography, Physics, Mathematics or a related field. The ability and willingness to conduct field work at sea during multi-week research cruises is mandatory. Very good English language skills and the ability to work in a team are expected. Advantageous are: Experience with field work in physical oceanography, knowledge in the analysis of ocean turbulence data, theoretical background in the dynamics of ocean fronts.

What does IOW offer?

IOW offers you a varied workplace in the immediate vicinity of the Baltic Sea with flexible working models, for example the option of working from home or remotely. We provide an excellent research infrastructure with modern laboratory and office equipment, including access to our own research vessel.

How do we promote equal opportunities ?

Our job offers are aimed at all people regardless of their gender. Research benefits from a diverse working environment, which is why we have signed the Diversity Charter. IOW aims to specifically promote women in areas where they are underrepresented. For this purpose, the institute has given itself a [plan to promote equality](#) and has repeatedly been awarded the [Total E-Quality award](#) for its commitment. You can find an overview of our measures for equal opportunities and for improving the compatibility of work and family on our [website](#).

We give preference to applications from disabled persons with equal professional and personal suitability. Please mention the disability or equality in your letter of application and enclose a copy of the relevant certificate.

How to apply?

Please send us your application documents with cover letter, CV, copies of your certificates, description of relevant activities and experiences as well as references.

We look forward to receiving your application as one PDF file, quoting the keyword: Phy 05/2024 by August 25, 2024

to:

bewerbung.physik@io-warnemuende.de

or

Leibniz Institute for Baltic Sea Research Warnemünde

Human Resources Department

Seestraße 15

18119 Rostock

Germany

The interviews are expected to take place on Sep 30, 2024.

Unfortunately, we cannot cover your application and travel costs.

For further information, please contact:

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