

JACOBS UNIVERSITY BREMEN

Head of Ocean Lab Engineering**School of Engineering and Science**

The School of Engineering and Science at **Jacobs University Bremen** (formerly International University Bremen) invites applications for the position of an

Head of Ocean Lab Engineering
- Ocean Instrumentation Engineer in the working group of
Prof. Laurenz Thomsen.

Jacobs University Bremen is a private research and teaching institution in northern Germany. Research in Ocean Sciences include deep sea technology, marine geosciences as well as biological and physical oceanography.

The main focus of the research in Ocean Lab (2 Faculty, 14 PhD student, Postdoc's and staff) concentrates on particle- and fluid dynamics at continental margins and radiates outward to the socio-economical, industrial, and biogeochemical components that affect the processes acting at the margins. Major sub-topics are the methane cycle, the carbon cycle, subduction zone processes, anthropogenic impacts, risk assessment and freshwater seepage. Research funds mainly come from large EU projects (HERMES, ESONET) and from industry partners (STATOILHYDRO). Current Ocean Lab staff are 1 Electronic Engineer, 1 technician for geochemical analyses, 1 technician for mechanics.

Candidates should have strong knowledge and experience in the development, construction and handling of Marine instrumentation (e.g. Lander, ROV).

Additional requirements are:

- B.S., Diploma or Master/PhD in Ocean engineering (Mechanical engineering)
- Seagoing experience and handling of instruments during research cruises
- Extended knowledge in Solid Works software
- Strong leadership skills
- Curious and innovative
- Extensive troubleshooting skills in mechanical systems
- Experience and ability using a wide range of tools, and test and measurement equipment
- Ability and initiative to investigate and resolve complex technical problems
- Ability to communicate with subject matter experts, students as well as laymen
- Must be flexible and able to work with changing schedules and work situations
- Good English skills.

The position can start as early as 01 January 2008 and is offered for a initial duration of five years. Salary is negotiable, additional activities in a future SME on Marine-Technology possible.

Please send CV, resumes, including salary expectations to:

Prof. Dr. Laurenz Thomsen
Jacobs University Bremen
PO Box 75 05 61
28725 Bremen
Germany

Inquiries may be made by E-mail to l.thomsen@jacobs-university.de

For more information, see the website at <http://www.jacobs-university.de/directory/lthomsen/index.php>

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