

The Faculty 1: Physics and Electrical Engineering of the University of Bremen seeks candidates for appointment as

Full Professor
Group W3 – tenured Civil Servant

In the research area:

Satellite supported Earth System Modelling
Advertisement No. P 584/11

Candidates with excellent academic and scientific qualifications are invited to apply for the vacant professorship in Satellite supported Earth System modelling which will focus on studying the interactions between the earth's surface (Land, Ocean and Cryosphere) and its atmosphere. We expect candidates to have a research background in the fields of environmental physics and climate change. Possible foci are the determination of sources and sinks of atmospheric trace substances from satellite data, e.g. the study of the surface fluxes and exchange between the land, ocean and cryosphere and the lower atmosphere. This new professor will be a member of the Cluster of Excellence "The Ocean in the Earth System (MARUM)", located at the Institute of Environmental Physics (IUP) in the faculty of Physics and Electrical Engineering of the University of Bremen. Full scientific and academic participation within the DFG (German Research Council) supported Research Centre/Cluster of Excellence, "The Ocean in the Earth System (MARUM)" and the Institute of Environmental Physics (IUP) is a prerequisite.

We also expect participation in existing collaborations within and outside of the University, in particular with our large collaborating research facilities, e.g. the Alfred-Wegener-Institute and the partner University of Oldenburg.

Furthermore, the candidates should be prepared to continue their education in didactics appropriate for university level teaching and are required to be able to teach in German or English.

The teaching responsibilities for this professorship address basic and advanced courses in environmental and theoretical physics for the B.Sc. and M.Sc. degrees in Physics and Environmental Physics.

The required academic qualifications are a university degree, with a focus on theoretical physics or equivalent, a doctorate in a relevant field, the necessary pedagogical aptitude, and an international scientific reputation and standing.

The University of Bremen aims to raise its share of female scientists and welcomes explicitly applications from qualified women. Applications from handicapped candidates, with similar qualification, will be given preference. The University of Bremen supports scientists through family friendly different measures. Applications from scientists having an immigrant background are explicitly welcome.

Applications in English with a complete curriculum vitae and educational certificates from their school and university education are required to be sent by **14.02.2012** with

reference number P 584/11 in electronic form (preferably in one single pdf file) to the following address:

E-Mail: p584-11@fb1.uni-bremen.de

Further Information about IUP, the Faculty of Physics and Electrical Engineering, and MARUM can be obtained from www.iup.physik.uni-bremen.de und www.marum.de



Veröffentlichung:

- EOS

Bewerbungsschluss: 14.02.12

Kopie an:

- K
- FB 01 / MARUM
- Dez. 2
- PR
- Frauenbeauftragte
- Zentrale Frauenbeauftragte
- Vertrauensfrau d. Schwerbehinderten
- Dezernat 3 Herr Kühne (AG Vertreter nach § 98 SGB IX)