

The Institute of Meteorology and Geophysics at the Faculty of Geosciences and Atmospheric Sciences at the University of Innsbruck (Austria) invites applications for the position of

UNIVERSITY PROFESSOR OF DYNAMICAL METEOROLOGY

The position will be based on a civil-law employment contract with the University. In case of a first appointment the contract will initially be limited to six years. Given a positive evaluation in accordance with §14 Section 7 UG 2002 (Austrian University Law) the contract will then become unlimited.

RESPONSIBILITIES

The successful applicant should represent the subject of “Dynamical Meteorology” both in research and teaching, and be the key link between the established workgroups/ fields of the institute (synoptic meteorology, mountain meteorology, glaciology, remote sensing and boundary layer meteorology).

The research should focus on the application of mathematical methods and numerical models to atmospheric flows.

Furthermore it would be desirable that research be continued in on or more of the following areas: orographic flows and precipitation, predictability of weather systems, verification of atmospheric models, data assimilation, mountain meteorology, climate physics and diagnostics. The successful applicant is also expected to participate actively in the university research focuses “Climate and Cryosphere”, “High Performance Computing” and “The Alpine Region: Man and Environment”.

The appointee should establish and lead a new research group in atmospheric dynamics with a strong connection to existing groups and should also attract external research funds.

In teaching, the fields of dynamical meteorology, geophysical fluid dynamics, and thermodynamics are to be covered. Beyond this basic responsibility, the professor is expected to contribute also to the wide range of courses in the bachelor, master and doctoral programmes: e.g. introduction to meteorology, atmospheric boundary layer and radiation, numerical modelling, climatology and hydrology. The supervision of bachelor, master, and doctoral theses is a vital task.

Participation in academic self-governance is considered a matter of course.

APPLICATION REQUIREMENTS

- a) A pertinent degree in higher education in Austria or the equivalent abroad,
- b) pertinent “Habilitation” or comparable qualification (e.g. senior lecturer, associate professor),
- c) publications in leading international peer-reviewed journals,

- d) involvement in international research,
- e) competence in applying mathematical methods and numerical models to atmospheric flows,
- f) interdisciplinary work at least within the field of meteorology,
- g) specific experience in one or several of the fields listed under “responsibilities” that ought to be continued would be of advantage,
- h) pertinent research experience abroad,
- i) pronounced teaching skills,
- j) experience in acquiring external research funds,
- k) excellent management and leadership abilities,
- l) high level of social competence, communication skills, ability to work in a team,
- m) ability to teach courses in German and English.

Applications are to be submitted no later than

31st January 2008

to the University of Innsbruck, Fakultäten Servicestelle Standort Innrain 52f, A-6020 Innsbruck, (fss-innrain52f@uibk.ac.at).

The application should include: curriculum vitae with a description of the scholarly and professional career, list of scientific publications and presentations, the peer reviewed ones highlighted, the five most important publications, short description of finished, ongoing and planned research projects, list of courses taught. All documents have to be submitted in digital form (CD, e-mail). Hardcopy (paper) is optional.

The University of Innsbruck is committed to increasing the percentage of female employees especially in leading positions and therefore explicitly invites women to apply. In the case of equivalent qualifications, women will be given preference.

The German (and only legally binding) text as well as current information on the stage of the application process and can be found at:

http://www.uibk.ac.at/fakultaeten-servicestelle/standorte/innrain52f/berufungen_habilitationen/berufungen.html

Further information about the Institute of Meteorology and Geophysics can be found at <http://meteo.uibk.ac.at>.

o.Univ.-Prof. Dr. Karlheinz TÖCHTERLE

R e c t o r