



The University of Helsinki is among the leading multidisciplinary research universities in the world. In addition to its 11 faculties, the University includes several independent institutes, some of which are jointly operated with other universities. Some 36,000 students are currently pursuing an undergraduate or a postgraduate degree at the University of Helsinki.

The Department of Physics at the Faculty of Science carries out research on physics, meteorology, astronomy and geophysics at an international level and provides academic teaching based on high quality research. The department forms an accountability unit operating on an annual budget of 28 million euros and reports 350 person-years per annum. There are 30 professors at the department.

The Department of Physics in the Faculty of Science at the University of Helsinki invites applications for a

## **PROFESSOR IN METEOROLOGY**

The field of the professorship is dynamic meteorology. The position will be filled permanently.

The professor will be responsible for research and teaching in the field of dynamic meteorology at the department.

According to Section 33 of the Universities Act (No 558/2009), a professor will carry out and supervise scientific research, provide teaching based on it, follow developments in research and participate in societal interaction in his/her field and in international cooperation.

According to the Regulations of the University of Helsinki, a professor must hold a doctoral degree and have high-level academic qualifications, experience in heading scientific research. The professor must also be able to provide research-based teaching of high quality, supervise dissertations and theses as well as evidence of international cooperation in the field.

The Department of Physics is a multidisciplinary, highly ranking international teaching and research unit. Its researchers engage in extensive cooperation with researchers in both national and international universities and research institutes. Research focuses on materials physics, atmospheric sciences, elementary particle physics as well as geophysics and astronomy. The department houses nationally significant research equipment and several research centres of excellence. The professor to be appointed will be working in the focus field of atmospheric sciences with 8 professors and about 110 research staff. More details on the Department of Physics:

<http://www.physics.helsinki.fi/english/>.

When assessing the qualifications of each candidate, attention will be paid to scientific publications and other research results of scientific value, teaching experience and

pedagogical training, the ability to produce teaching materials, other teaching merits, and, if deemed necessary, teaching skills as demonstrated in a lecture as well as participation in doctoral education. Furthermore, attention will be paid to the applicant's activities within the research community, success in obtaining research funding, research work abroad and elected positions in international organisations.

The salary will be based on levels 8–10 of the demands level chart for teaching and research personnel in the salary system of the Finnish universities. An average starting salary for a newly appointed professor is c. 5500 euros per month.

Applications should have the following enclosures (in English):

- 1) an academic portfolio approved by the Faculty (as set out at <http://www.helsinki.fi/facultyofscience/vacancies/index.html>) containing a summary of supervision duties of master's and doctoral theses and a presentation on how the applicant plans to develop his/her field and its teaching;
- 2) a list of those publications and other relevant documents on competence and merits that the applicant wishes to be taken into account in the selection process;
- 3) a maximum of 15 publications for experts' perusal. The publications must be numbered in line with the list of publications.

Detailed instructions on the enclosures can be found at the Faculty webpages:  
<http://www.helsinki.fi/facultyofscience/vacancies/index.html>.

Applications addressed to the Faculty of Science must be delivered, together with the required enclosures, to the following address: Registry of the University of Helsinki. P.O. Box 33 (Yliopistonkatu 4), FI-00014 University of Helsinki, Finland. The Faculty requests that the application and its enclosures be sent the Registry via email to the address [hy-kirjaamo@helsinki.fi](mailto:hy-kirjaamo@helsinki.fi).

The closing date for applications is 30 April 2012. (The Registry closes at 15.45 local Helsinki time.)

More details can be obtained from Head of Department, Professor Juhani Keinonen, +358 9 191 50005, +358 9 191 50601, [juhani.keinonen@helsinki.fi](mailto:juhani.keinonen@helsinki.fi).

**[www.helsinki.fi/university](http://www.helsinki.fi/university)**