



Associate Professor in Space Physics

Førsteamanuensis (Associate Professor) in Space Physics at the Faculty of Science and Technology, Department of Physics and Technology.

Application deadline: 24.6.2012

Applications shall be marked: Ref. 2012/1596

The University of Tromsø, Faculty of Science and Technology, has a position vacant as førsteamanuensis (Associate Professor) in Space Physics. The position belongs to the Department of Physics and Technology, and the research group in Space Physics.

Further information about the position is available by contacting: Head of Department, Professor Alfred Hanssen email: Alfred.hanssen@uit.no, tel.: +47 77 64 51 82, or Professor Unni Pia Løvhaug email: unni.pia.lovhaug@uit.no, tel.: +47 77 64 62 92.

Application documents shall be sent to: Faculty of Science and Technology, University of Tromsø, N-9037 Tromsø, Norway. In addition the application must be submitted electronically via the application form available at this page.

The position's affiliation

The Faculty of Science and Technology consists of the following departments: Department of Chemistry, Department of Computer Science, Department of Engineering and Safety, Department of Geology, Department of Mathematics and Statistics, and Department of Physics and Technology.

The Department of Physics and Technology consists of three research groups: (1) Energy and climate physics, (2) Space physics, and (3) Electrical engineering. The department provides education at the Bachelor, Master, and PhD levels. The department comprises 18 permanent professors, and a technical/administrative staff of 9 persons. The department conducts research and education at a high international level, and our employees are engaged in several international collaborative projects.

The position's field of research/field of work

In consideration of the group's research development and resources of the department, the successful applicant must be prepared to take part in research activities within fields already established within the group. Within the space physics group at the Department of Physics and Technology, the main research activity within the polar upper atmosphere (ionosphere) is by usage of EISCAT's incoherent scatter radar- and heating facilities as well as ground-based infrastructure in Ramfjordmoen near Tromsø, as well as the EISCAT Svalbard Radar. EISCAT is an international research project where 7 countries are participating. A new EISCAT 3D system is in a preparatory phase, funded by EU. Facilities for high resolution interferometric observations of fine structures in the ionosphere as well as mesospheric studies have been employed recently. The group is involved in rocket experiments from the Andøya Rocket Range and from Svalbard, and takes part in the research at the LIDAR facility ALOMAR at Andøya. The experimental activity at the in-house plasma laboratory (Aurolab) is oriented towards phenomena and processes with relevance for the ionosphere and for solar wind plasmas.

Qualification requirements

For appointment as førsteamanuensis (Associate Professor), the applicant requires:

- A Norwegian doctoral degree in the subject area concerned or a corresponding foreign doctoral degree recognised as equivalent to a Norwegian doctoral degree
or
- competence at a corresponding level documented by academic work of the same scope and quality. The applicant must be able to document scientific knowledge at high international standard and teaching experience within the field of space physics and/or space plasma physics.

The successful applicant must participate in the teaching of general and space physics to students, at undergraduate and postgraduate level, including providing supervision for master's and PhD thesis projects.

The department wants to strengthen the experimental activity in space physics, in particular by initiating experiments that will utilise the large research infrastructure that exists in northern Norway and on Svalbard. It is expected that the successful applicant will cooperate with national as well as international research groups, and that he/she commits to take an active role in attracting external research funding.

Further, applicants must be able to document teaching qualifications in the form of university-level teaching seminars, other teaching education or through having developed a teaching portfolio. Alternatively, after carrying out an assessment of the applicant's practical teaching skills, the committee may determine that this may be regarded as of equal value to formal teaching qualifications. For further information about requirements for teaching qualifications, refer to the website about [teacher training courses](#).

Emphasis shall be attached to personal suitability.

Applicants must have a good command of Norwegian, Swedish or Danish, or he /she must be willing to learn Norwegian within a reasonable period.

Working conditions

At the University of Tromsø the allocation of working hours shall be flexible and allocated on a case by case basis.

As a general principle, a førsteamanuensis (Associate Professor) shall spend an equal amount of time on teaching and research and development work, after time spent on other duties has been deducted. As a norm the time resources spent on administrative duties constitutes 5 % for academic staff in this category of position.

Moreover, applicants shall refer to the [Retningslinjer for fordeling av arbeidstid for ansatte i undervisnings- og forskerstillinger](#) (Guidelines for allocation of working hours in teaching and research positions).

Employees in permanent positions as førsteamanuensis (Associate Professor) have the right to apply for a paid sabbatical (research and development), cf. [Retningslinjene for fordeling av FoU-termin](#) (Guidelines for the allocation of R&D sabbatical).

The successful applicant must be willing to engage himself/herself in the ongoing development of his/her discipline and the university as a whole.

Remuneration for førsteamanuensis (Associate Professor) is in accordance with the State salary scale code 1011. A compulsory contribution of 2 % to the Norwegian Public Service Pension Fund will be deducted.

Assessment

The applicants will be assessed by an expert committee. The committee's mandate is to undertake an assessment of the applicants' qualifications based on the written material presented by the applicants, and the detailed description drawn up for the position.

The applicants who are assessed as the best qualified will be called to an interview. The interview shall among other things aim to clarify the applicant's personal suitability for the position. A trial lecture may also be held.

Interim appointment

In the event that there are no suitably qualified applicants for the position, an interim appointment for a period of no more than three years may be made, cf. Section 5 no. 1 of the regulations appurtenant to the Civil Service Act and Section 6-5; subsection 1 of the Act relating to universities and university colleges. A permanent appointment shall be made upon application before the three-year period elapses based on a new assessment. The appointment will become permanent in the event that the applicant is found to be suitably qualified.

In the event of an interim appointment on the basis of lacking teaching qualifications, the applicant must document teaching qualifications through developing a teaching portfolio before the three-year period elapses. The appointment will become permanent in the event that the applicant is found to be suitably qualified.

Gender balance

The University of Tromsø wishes to increase the proportion of females in senior research positions. In the event that two or more applicants are found to be approximately equally qualified, female applicants will be given priority.

Application

The application must be submitted electronically via the application form available at this page. Note however, that it is not possible to send attachments via this application.

In addition, by the application deadline, four (4) copies of the following shall be sent directly to

Faculty of Science and Technology

University of Tromsø

NO-9037 Tromsø

NORWAY:

- Letter of application
- CV (containing a complete overview of education, supervised professional training and professional work)
- Certified copies of diplomas and references
- Form for documentation of [teaching qualifications](#)
- List of works and description of these (see below)

The list of works shall contain the following information:

- author(s), the work's title
- for articles: the journal's name and volume, the first and last page of the article, year of publication
- for publications: publisher, printer, year of publication, number of pages

Academic works

The applicant may submit up to 10 works that are central to his/her production. The applicant's doctoral thesis is regarded in this context as one work. The works must be submitted in three (3) copies arranged as three (3) complete sets. In addition, applicants may submit one copy of his/her additional listed works.

In addition, the applicant shall provide a description of his/her scientific production stating which works he/she considers the most important and shall therefore be the main emphasis of the assessment. A brief description of the other listed works shall also be included to demonstrate depth of production. These descriptions shall be an attachment to the application.

The works are to be sent, by the closing date for applications, directly to the above-mentioned address.

Applicants shall also refer to "[Supplementary regulations for appointment and promotion to teaching and research positions at the University of Tromsø](#)" and "[Regulations concerning appointment and promotion to teaching and research posts](#)".

Questions concerning the organisation of the working environment, such as the physical state of the place of employment, health service, possibility for flexible working hours, part time, etc. may be directed to the telephone reference in this announcement.

The University of Tromsø has HR policy objectives that emphasize diversity, and therefore encourages qualified applicants to apply regardless of their age, gender, functional ability and national or ethnic background.

The University of Tromsø is an IW (Inclusive Workplace) enterprise, and will therefore emphasize making the necessary adaptations to the working conditions for employees with reduced functional ability.

Personal data given in an application or CV will be processed in accordance with the Act relating to the processing of personal data (the Personal Data Act). In accordance with Section 25 subsection 2 of the Freedom of Information Act, the applicant may request not to be registered on the public list of applicants. However, the University may nevertheless decide that the name of the applicant will be made public. The applicant will receive advance notification in the event of such publication.

UNIVERSITY OF TROMSØ
9037 Tromsø
Norway

Jobbnorge-ID: 83536, Søknadsfrist: Avsluttet