



Jobbnorge-ID: 70627
Søknadsfrist: Avsluttet
Nettside:
Omfang:
Varighet:

Post doctoral research fellow in Earth observation

Post doctoral research fellow in Earth observation at the Faculty of Science and Technology, Department of Physics and Technology.

Application deadline: 09.12.10
The following reference number must be quoted in your application: 2010/5717

The University of Tromsø has a position vacant as post doctoral research fellow in Earth observation from satellites. The position is for a fixed term of 3 years.

For further information, please contact Torbjørn Eltoft, tel +47 77 64 51 84, torbjorn.eltoft@uit.no

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

The position is organized under the Department of Physics and Technology (DPT), and the research activities will be in the area of satellite remote sensing of Northern and Arctic regions. The remote sensing research at DPT is focusing on methodologies for information retrieval from remote sensing data. We are especially interested in statistical modelling and development of statistical tools for analysis of multi-channel (multi-frequency, multi polarization, multi-temporal) synthetic aperture radar (SAR) data. The application areas are monitoring of Arctic glaciers and sea ice, and target (ship, iceberg) detection in SAR images. We seek an applicant who has research experience with remote sensing (SAR or multi-spectral data analysis), and research interests in the areas of Markov random field modelling or optical-SAR data fusion.

A doctoral degree is a prerequisite for appointment in the position of post doctoral research fellow. This position asks for a Norwegian doctoral degree in mathematical science (applied mathematics, statistics, physics) of relevance to satellite remote sensing, or an equivalent foreign doctoral degree recognized as equivalent to a Norwegian doctoral degree. The applicant must be able to document scientific knowledge and research experience at doctoral level. Consideration will be given to publication record, experience with data analysis, especially experience with analysis of SAR data, multi-spectral data or combined SAR-optical data.

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

The working time will be set aside for research, research-related activities and research administration. Appointment for more than one fixed term period at the same institution is not permitted. Regulations concerning redundancy pay cannot be included in the fixed term work contract.

Remuneration for the position of post doctoral research fellow is in accordance with the State wage scale code 1352. A compulsory contribution of 2 % will be made to the State Pension Fund.

The main objective of appointments to positions of post doctoral research fellows is to qualify the appointee for employment in scientific top positions.

Applications must be accompanied by a proposal for the qualifying work and shall include a work schedule. Appointments are made on the understanding that the appointee shall complete his/her project within the contract term.

A plan shall be drawn up showing how the project that forms the basis for the appointment in the position of post doctoral research fellow shall be implemented. The plan shall form part of (an appendix to) the employment contract for the fixed term and shall cover the project description and work schedule. The plan shall also state the amount of potential teaching or equivalent work for the University of Tromsø required. The plan shall also state who is responsible for providing academic supervision. The person responsible for providing academic supervision and the employee both have a duty to report to the employer in case of inadequate implementation of the plan.

Applications will be assessed by an expert committee. The main emphasis will be placed on assessment of the submitted scientific works and the proposal for the qualifying work. For appointment which instructs the employee teaching or equivalent work for the University of Tromsø emphasis will also be placed on pedagogical qualifications, experience from popularization/publication, administration and work related to disciplinary development.

Information and material to be considered must be submitted by the deadline for applications. Details of references must be provided.

The application is to be submitted electronically on the application form available at "Apply for this job" at this page.

In addition, the application, including CV, certified copies of diplomas and references, and the list of scientific work are to be sent in four copies, by the deadline for applications, directly to:

**Faculty of Science and Technology
University of Tromsø
NO-9037 Tromsø
NORWAY**

THE SCIENTIFIC WORK - published or unpublished - which the applicant wishes to be taken into consideration during the evaluation process must be submitted in three copies arranged as three complete sets. The scientific work is to be sent to the above-mentioned address by the deadline for applications.

All documentation that is to be evaluated must be certified and translated into English or a Scandinavian language.

Questions concerning the organization 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.

According to personnel policy objectives that the staff shall reflect the composition of the population in general, both with respect to gender and cultural multiplicity, women and persons with a minority ethnic background in particular are encouraged to apply. The University of Tromsø is an IW (Inclusive Workplace) enterprise, and will try to adapt the working conditions for employees with impaired capacity.

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 the Freedom of Information Act, section 25, 2nd paragraph, the applicant may request not to be registered on the public list of applicants. The University may nevertheless decide that the name of the applicant will be made public. The applicant will be notified beforehand in the event of such publication.

**UNIVERSITY OF TROMSØ
N-9037 Tromsø**

Tilleggsinformasjon

Arbeidssted: