

The Norwegian University of Science and Technology (NTNU) in Trondheim represents academic eminence in technology and the natural sciences as well as in other academic disciplines ranging from the social sciences, the arts, medicine, teacher education, architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact

Faculty of Natural Sciences and Technology
Department of Physics

Professor / Associate Professor in Medical Physics - Radiation Biophysics

At the Department of Physics at the Faculty of Natural Sciences and Technology there is an open position as professor / associate professor within the field of medical physics - radiation biophysics.

Information about the department

The Department of Physics is responsible for the education within physics, from introductory to PhD level and is also responsible for the physics education for students at other Faculties at NTNU. For more detailed information about the programmes of study and courses, reference is made to the web page <http://www.ntnu.edu/physics/studies>.

At present the Department of Physics Currently, there are 26 professors, 14 associate professors, 4 adjunct professors, 71 PhD research fellows and 16 postdoctoral

The Department of Physics has a broad range of competence within biophysics and medical technology, and has a central role in the education of medical physicists for the Norwegian health service and community sectors. The department aims to further strengthen its research and research-based teaching and training in medical physics by appointing a professor/associate professor in medical physics within the areas of medical radiation biophysics.

For more information about the department and our activities, reference is made to the web page <http://www.ntnu.edu/physics>

Job description

The holder of the position will have a special responsibility for research and education within ionizing radiation interactions with biological material and the use of ionizing radiation for imaging and therapy. The Department of Physics wants to develop and strengthen the collaboration with relevant groups in medical physics at St. Olav's Hospital (major university hospital located in Trondheim) both in research and education within the field, and it is expected that the person appointed contribute to this partnership. This will require scientific leadership, development of research network, inspiration and guidance. The candidate will be responsible for taking part in the teaching of physics. The teaching will mainly be related to medical physics and the area of radiation physics. The teaching will cover the bachelor, MSc and PhD levels, including supervision of MSc and PhD projects, in addition to taking part in international courses within the field. It is also desired that the candidate will contribute to further development of national and international collaboration.

Qualifications

We are seeking a committed and independent person with PhD in a relevant area of physics and with documented research activity within radiation biophysics. In addition, practice from clinical work will be regarded positively in the evaluation process. We look for a candidate with an excellent publication record and demonstrated ability for independent scientific production after the PhD. Emphasis will be placed on collaborative and communication skills, supervision and teaching. Evaluation of the applicant will be based on documented material, including teaching experience at the university level, pedagogical training, presentation of academic work, experience in supervision and teaching of master- and PhD candidates, as well as other related skills. Good cooperation skills, a strong research network, as well as ability to initiate and manage research projects will be regarded positively in the evaluation process. Academic staff that is unable to document formal pedagogical qualifications in university-level teaching is required to successfully complete a recognized course giving such qualification within two years of taking up the appointment. Courses are available at the University.

Newly employed academic staff who do not speak or write a Scandinavian language are required to obtain knowledge of Norwegian or another Scandinavian language within three years of taking up an appointment. This must be of a standard that is equivalent to Level Three in the "Norwegian for Foreigners" courses provided by the Department of Linguistics, NTNU.

Terms of employment

The appointment is to be made in accordance with the regulations in force concerning State Employees and Civil Servants. At NTNU you will have various and challenging tasks in an international research and development environment.

The position as Professor/Associate Professor is remunerated according to the Norwegian State salary scale. There is a 2% deduction for superannuation contribution.

As a member of the Norwegian Public Service Pension Fund you are offered:

- A good pension for life

- A favorable housing loan interest
- Good insurance schemes

NTNU's personnel policy objective is that the staff must reflect the composition of the population to the greatest possible extent.

More information about the Department of physics and the open position can be obtained from Head of Department Erik Wahlström, e-mail: erik.wahlstrom@ntnu.no.

The application

The application should contain:

- CV including list of publications with bibliographical references, and contact details for three referees
- Testimonials and certificates
- The publications - published or unpublished - considered to have most relevance to the evaluation of the applicant's qualifications (max 10)
- A brief description of the scientific and technological relevance of the candidate's research
- Research proposal (max 10 pages)
- A brief statement of teaching experience. Applicants are asked to describe their pedagogical qualifications in accordance with "Documentation of an applicant's pedagogical qualifications", which can be found at:<http://www.ntnu.edu/vacancies/pedagogical-qualifications>
- Other documents which the applicant would like to present
- If relevant, a list of supervised projects with information on funding agency, years of duration and the funds received.

The application and the description of academic works for evaluation must be submitted in English.

The application should only be sent electronically through www.jobbnorge.no.

The position's reference number is **NT-48/15**

Closing date: 2015-10-01.

Jobbnorge ID: 115781, Deadline: 01.10.2015, Internal ID: NT 48/15