



The University of Oslo is Norway's largest university with about 5 900 employees and 27 700 students. We offer interesting career opportunities and a good work environment. The university aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

The research that is conducted at The Department of Physics covers a broad range of subfields within physics and technology. The Department has several excellent research groups. The research is organized in nine research groups, and 5 interdisciplinary centers, of which two Centres of Excellence and one Centre for Environment-friendly Energy Research.

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Department of Physics

Associate Professor in Theoretical Physics, ref.no 2011/xxxx

The position is available at the Department of Physics, under the Faculty of Mathematics and Natural Sciences, University of Oslo. The position is associated to the research group in Theoretical Physics.

Job description

The Theoretical Physics group is engaged in several fields of research, with a main focus on different aspects of quantum physics and quantum field theory. This includes particle physics, with close connection to the experimental activities at CERN, and condensed matter theory, with a focus on quantum physics in low-dimensional system. There are also research activities in atomic physics and gravitational theory. The Theoretical Physics group is heavily involved in the teaching of central courses at the Physics Department at the undergraduate and graduate levels.

The successful applicant should have a broad research background within the field of modern atomic physics, with possible applications to quantum optics and quantum information theory. It is of special interest for the group to hire a physicist with research interests within fields that overlap with the ongoing research activities in the Theory Group in low-dimensional quantum theory. The person appointed to this position is expected to contribute to cooperation within the Theory Group, and with other research groups, internal as well as external to the Department of physics.

Qualifications

To qualify for appointment as Associate Professor, the applicant must have documented scientific work equivalent to a doctorate, and several years of post-doctoral experience. Besides taking an active part in the research activities at the Department, the successful applicant is expected to supervise PhD and master students. Teaching duties will include undergraduate as well as graduate courses in physics.

The teaching language of undergraduate courses is mainly Norwegian (Scandinavian) whereas for the graduate courses both Norwegian (Scandinavian) and English are used. The position may also involve administrative duties according to current regulations by the Department or Faculty. Assessing the applicants, the main emphasis will be placed on the relevant submitted scientific works.

Account will also be taken of research management and participation in research projects if adequate evidence of such activity is documented. Weight will also be ascribed to documented pedagogical qualifications, outreach activities, collaboration skills, the ability to create a good working environment, and expected future potential. Applicants, who at the time of appointment cannot provide documentary evidence of basic teaching competence, must acquire such competence in the course of a period of two years. As a general rule an interview and a trial lecture will be used in the appointment process. References will also be contacted.

The person appointed to the position is expected to be able to teach in Norwegian and

English within two years.

Evaluation:

Interviews and trial lectures may be used as part of the appointment process. Reference is otherwise made to rules regarding the procedures for appointment of persons to positions as professors and associate professors at the University of Oslo:

<http://www.admin.uio.no/admhb/reglhb/personal/tilsettingvitenskapelig/rulesappointprofessor-backup-20080314.xml>

and Rules for the assessment and weighting of pedagogical competence for appointments to permanent academic posts which include teaching duties:

<http://www.uio.no/admhb/reglhb/personal/tilsettingvitenskapelig/rulesassessmentweight.xml>.

Pay grade: 57 – 71 , (post code 1011, NOK 448 200 - 583 500 depending on qualifications)

Application must include:

The application should include information on education, former positions, research and teaching activities as well as administrative experience.

The following information must accompany electronic applications:

- Letter of application (1 page)
- Curriculum Vitae
- List of publications (overview of all publications)
- A complete survey and a brief account of those works that shall be the particular object of qualitative assessment with these works enclosed (the total should not exceed 10)
- A complete overview of education and previous posts with attested copies of examination and employment certificates
- Three references and a list of relevant qualifications and experience (with documentation)

Application with CV, application letter, list of publications and any other attachments that one wishes to enclose, must be sent through the University of Oslo's recruitment system, EasyCruit.

Closing date for application: 10.04.2011

If problem attaching the requested documents, please send them on e-mail by closing date of application to: gro.corell@matnat.uio.no

In accordance with the University of Oslo's equal opportunities policy, we invite applications from all interested individuals regardless of gender or ethnicity.

The University of Oslo has a contract for all employees regarding acquisition of intellectual property rights.

Note that for this position it is required that the successful candidate is given a security clearance.

Region:
Oslo

Job type:
Permanent

Working hours:
Full-time

Working days:
Day

Application deadline:
10.04.2011

Location:
Blindern, Oslo

Reference number:
2011/2231

Home page:
<http://www.fys.uio.no>

Contacts:
Professor Einar Sagstuen
Telephone: +47 22856430



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Besøksadresse

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