

Jobbnoge ID: 299068
Deadline: 5/10/2026
Website: <http://www.uis.no/>
Scope: Fulltime
Duration: Permanent

Associate Professor in Experimental Materials Physics

Job description

The University of Stavanger invites applicants for a position as Associate Professor in Experimental Materials Physics at the Faculty of Science and Technology, Department of Mathematics and Physics. The position is available from August 2026.

The subject area for the position is experimental materials physics, with an emphasis on the use of neutron and/or X-ray scattering techniques.

The person appointed will primarily teach and supervise students at bachelor's, master's and doctoral levels within the subject area, conduct research and disseminate research results within relevant research areas at the department, and contribute to the development of collaboration with work life. The position also includes developing digital and diverse learning methods in teaching, innovation and value creation based on results from research and academic development work.

The [general job description](#) for Associate Professors at UiS provides a more detailed account of relevant duties.

Our laboratories are well equipped with instrumentation for sample preparation and characterization for experiments at neutron and synchrotron sources, as well as relevant materials (powders, single crystals). Among the available equipment are a Laue diffractometer, crystal polisher, diamond saw, muffle and tube furnaces, a glovebox, calorimeters for both low (77 K) and high (1800 K) temperatures, and an advanced Raman microscope with various sample environments (4 lasers, variable temperature, DAC cells, gas atmosphere), as well as a laboratory for hydrogen adsorption. Electron microscopes (TEM, SEM), powder diffractometers are available on campus, and access to a vibrating-sample magnetometer through collaboration with the Institute for Energy Technology (Oslo) are also available. More information about the experimental facilities can be found here: [Laboratories at UiS | University of Stavanger](#).

UiS, by the Faculty of Science and Technology, has long been, and continues to be, a member of national consortia that ensure access to experimental time at international large-scale facilities for synchrotron X-rays and neutrons. This applies specifically to SNBL (Swiss-Norwegian Beamlines) at the ESRF (European Synchrotron Radiation Facility) in Grenoble, France, and PSI (Paul Scherrer Institute) in Switzerland (through NcNeutron). These are recognized as national research infrastructures.

Current research directions in materials physics (experimental and theoretical) are particularly focused on materials for green energy (CO₂ and hydrogen storage, hydrogen production).

Qualification requirements

We are looking for an Associate Professor with a PhD in Experimental Materials Physics, or competence at a comparable level documented by scientific work of comparable scope and quality. Specialization in neutron and/or X-ray scattering techniques is preferred.

It is expected that you have the competence and interest to actively use relevant research infrastructures, and that you are motivated for interdisciplinary collaboration within the faculty as well as externally.

You must be able to document active, ongoing research at a high academic level and have the potential for future high-level research in the subject area. We emphasize the quality, relevance and significance of the research work rather than the where the work is published, in accordance with the principles of [The San Francisco Declaration on Research Assessment \(DORA\)](#).

It is expected that you have a reflective and conscious approach to your teaching and supervision. You must have basic competence for teaching and supervision in higher education, normally documented by 200 hours of courses in university-/college teaching combined with teaching practice. If you do not meet this requirement you must complete university pedagogy courses within two years from accession. Emphasis is placed on attitudes toward, and skills in, teaching at all levels, including introductory courses.

Norwegian is the main language at UiS. The working and teaching languages are Norwegian and English. You must be able to teach and supervise in Norwegian or another Scandinavian language at a minimum level B2. If you do not meet the requirement, you must complete Norwegian language courses to achieve this level within three years of appointment.

Courses in university pedagogy and Norwegian are offered by the university.

The following attributes are also desirable

- ability to involve and engage students in teaching where the course's objectives, content and assessment situations are closely connected
- experience with and/or interest in the development of varied learning methods and digital tools in teaching

- research results published in publication channels that meet requirements for scientific quality, references indicating progression in research and publications, and that you are motivated to promote open research and the intrinsic value of research (Open Science).
- ability to initiate, obtain external funding for, lead and carry out research and development projects
- experience of partnerships with businesses relevant to the subject area
- contributed to the use of research-based knowledge in society and that you can refer to results from innovation and the commercialization of research
- ability to manage heavy workload, inquisitiveness, and demonstrated the ability to build and preserve professional networks - regionally, nationally and internationally
- good teamwork and communication skills, and ability to contribute to a constructive working environment

We offer

- varied duties in a large, exciting and socially important organisation
- an ambitious work community which is developing rapidly. We strive to include employees at all levels in strategic decisions and promote an informal atmosphere with a flat organisational structure.
- [good development opportunities](#), associate professor is encouraged for further qualification with a view to promotion to professor
- colleague-based guidance programme during your first year of teaching at UiS, [NyTi](#).
- salary in accordance with the State Salary Scale, l.pl 17.510, code 1011, NOK 740.000-870.000 gross per year. A higher salary may be considered in special cases. From the salary, 2% is deducted as a contribution to the Norwegian Public Service Pension Fund.
- automatic membership in the [Norwegian Public Service Pension Fund](#), which provides favourable insurance- and retirement benefits
- favourable membership terms at a gym and at the company sports club, [SiS sportssenter](#)
- employment with an Inclusive Workplace organisation which is committed to reducing sick leave, increasing the proportion of employees with reduced working capacity, and increasing the number of professionally active seniors
- [Hjem-jobb-hjem](#), discounted public transport to and from work
- as an employee in Norway, you will have access to an optimal health service, as well as good pensions, generous maternity/paternity leave, and a competitive salary. Nursery places are guaranteed and reasonably priced
- [relocation programme](#) and [language courses](#)

Diversity

Diversity is a resource in the working and learning environment at UiS. When we have different backgrounds and experiences, we can approach challenges from multiple perspectives and find better solutions. At UiS, we are committed to showing respect for each other's differences and accommodating employees with disabilities. We take into consideration your needs and your situation in various life phases.

If you find this position interesting, we encourage you to apply, regardless of gender, disability, cultural background, or whether you have been out of the workforce for a period.

If there are qualified applicants with disabilities, gaps in their CV, or immigrant backgrounds, we will invite at least one applicant from each of these groups for an interview. If you fall into any of these categories, feel free to indicate it when applying for the position. Learn more about the criteria for being considered an applicant in these specific groups [here](#).

The university aims to recruit more women within the subject area. If several applicants are considered to have equal qualifications, female applicants will be given priority.

Application

Apply for the position online via the "Apply for the position" link on this page. You must register at least a brief application text, relevant education and work experience, as well as language skills. In the application letter, you must state your competence and motivation for the position.

The application must include:

- Profiling document/motivation letter, where you present your qualifications and motivation for the position
- Curriculum Vitae (CV) with a full summary of your education and professional experience
- A pedagogical portfolio with a professionally based description and discussion of your teaching and educational competence as well as relevant documentation that supports this, [see guidelines for assessment of educational competence](#)
- Complete list of academic publications, including information on where they are published
- Up to 10 academic works which are pivotal to your research output, including your doctoral thesis or published monograph based upon the thesis
- **research plan for the next 5-10 years**, maximum three pages
- transcripts and certificates, as well as documentation of other activities considered relevant

Applications will be assessed based on the information available in Jobbnorge at the application deadline. Ensure that your application clearly demonstrates how your skills and experience meet the qualification requirements described above.

Documentation must be in a Scandinavian language or English. If attachments exceeds 100 MB in total, they must be compressed before uploading.

Please note that applicant information may be made public even if you have requested not to be listed on the public applicant list, cf. [Section 25 of the Freedom of Information Act](#). If your request is not granted, you will be notified.

UiS only considers applications and attachments registered in Jobbnorge.

General information

The engagement is to be made in accordance with the regulations in force concerning State Employees and Civil Servants, and the acts relating to Control of the Export of Strategic Goods, Services and Technology.

The university's guidelines for [appointment and promotion to teaching and research posts](#), sections 2 and 3.3, provide further discussion of criteria for employment as Associate Professor.

UiS has signed [The Agreement on Reforming Research Assessment \(CoARA\)](#), committing to recognizing various forms of results, practices, and activities in the evaluation of research and researchers.

We hope that [UiS-CAM, Career Assessment Matrix for teaching and research posts](#) is a useful tool in the process of documenting and reflecting on one's own competence in relation to the criteria.

Your qualifications for the position, based on documentation registered in Jobbnorge, will be assessed by an expert committee. You will receive the committee's statement as soon as it is available.

If you do not satisfy key parts of the qualification requirements, you may have your application rejected before applications are submitted to the expert committee for assessment.

Based on the expert committee's statement, relevant applicants will be invited to an interview and teaching demonstration before any recommendations are made. References will also be obtained for relevant candidates. [More about the hiring process on our website.](#)

It is a prerequisite that you have a residence which enables you to be present at/available to the academic community during ordinary working hours.

The position has been announced in both Norwegian and English. In the case of differences of opinion between the texts, the Norwegian text shall be decisive.

UiS - challenge the well-known and explore the unknown

The University of Stavanger (UiS) has about 12,000 students and 2,200 employees. The university has high ambitions. We strive to have an innovative and international profile, and be a driving force in knowledge development and in the process of societal change. Our common direction is driven by consideration for green and sustainable change and equitable social development, through new ways of managing natural resources and facilitating better cities and local communities. Energy, health and welfare, learning for life are our focus areas.

In constant collaboration and dialogue with our surroundings, regionally, nationally and internationally, we enjoy an open and creative climate for education, research, innovation, dissemination and museum activities. Academic life at the University of Stavanger is organised into six faculties comprising various departments/schools and National Research Centres, as well as the Museum of Archaeology. We are a member of the European Consortium of Innovative Universities. The university is located in the most attractive region in the country with more than 300,000 inhabitants. The Stavanger region has a dynamic labour market and exciting cultural and leisure activities.

Together with our staff and students we will challenge the well-known and explore the unknown.

The Faculty of Science and Technology The Faculty of Science and Technology offers degree programmes at the bachelor's, master's, and doctoral levels. The faculty has strong ties to both research institutions and industry. Nearly 40% of its budget is externally funded. Our students have close contact with the business sector, and many master's and doctoral theses are written in collaboration with industry. The faculty has established research collaborations with universities around the world and includes several academic environments that are internationally leading. The faculty has approximately 3,000 students and around 500 employees, distributed across the faculty administration and six departments: the Department of Electrical Engineering and Computer Science; the Department of Mechanical, Structural and Materials Engineering; the Department of Mathematics and Physics; the Department of Chemistry, Bioscience and Environmental Engineering; the Department of Energy and Petroleum Engineering; and the Department of Safety, Economics and Planning.

Department of Mathematics and Physics is part of the Faculty of Science and Technology and offers programmes in mathematics and physics, a five-year integrated master's degree, teacher education in science, and doctoral studies. The department has outstanding research environments within its disciplines and is internationally leading in, among other areas, subatomic physics and cosmology. The department is responsible for all basic teaching in mathematics, statistics, and physics within the faculty.

Additional information

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