

Full Professor, Associate Professor or Tenure-Track
Assistant Professor in Theoretical Quantum Physics
Aarhus University

Direct Link: <https://www.AcademicKeys.com/r?job=257191>

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Posted May 20, 2025, set to expire Aug. 15, 2025

Job Title	Full Professor, Associate Professor or Tenure-Track Assistant Professor in Theoretical Quantum Physics
Department	The Department of Physics and Astronomy http://www.phys.au.dk/
Institution	Aarhus University Aarhus, , Denmark
Date Posted	May 20, 2025
Application Deadline	Aug. 15, 2025
Position Start Date	Jan. 1, 2026
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Physics - Condensed Matter/Low Temperature Physics - Atomic/Molecular/Optical/Plasma Physics - General
Job Website	https://au.career.emply.com/ad/full-professor-associate-professor-or-tenure-track-assistant-professor-in-theore/26q3ul/en
Apply Online Here	https://au.career.emply.com/en/apply/full-professor-associate-professor-or-tenure-track-assistant-professor-in-theore/26q3ul
Apply By Email	
Job Description	

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[The Department of Physics and Astronomy](#), Aarhus University, Denmark invites applications for a permanent position in theoretical quantum physics. Depending on the qualifications of the applicant, the position will be at the tenure-track assistant, associate or full professor level.

The Department seeks to strengthen its existing activities in quantum physics, which are characterized by an internationally leading research and teaching program focusing on fundamental quantum phenomena. The position is open from January 1st, 2026, or as soon as possible thereafter.

Your profile

The successful candidate will establish a cutting-edge research activity in theoretical quantum science. We are looking for applicants who will complement and strengthen the existing theoretical quantum science research groups at the Department, including, but not limited to, quantum simulation, atomic and molecular gasses, condensed matter/nano-physics, many-body physics, non-classical correlations and entanglement, light-matter interactions, and non-equilibrium physics. The successful candidate is expected to be engaged in local and international collaborations with theoreticians as well as experimentalists and to relate their activities to [Quantum Campus Aarhus](#)

In addition, the candidate is expected to take an active role in developing the teaching program at the Department. Applicants must have a strong research record, and they are invited to document examples of leadership and external funding. They must hold a PhD in physics and document the ability to teach physics at all levels of the University curriculum as well as to supervise MSc and PhD students, corresponding to the level of application (tenure-track assistant, associate or full professor level).

Place of work and area of employment

The place of work is Ny Munkegade 120, 8000 Aarhus C, and the area of employment is Aarhus University with related departments.

Contact information

For further information, please contact: Head of Department, Professor Ulrik Ingerslev Uggerhøj, phone +4523382373, email ulrik@phys.au.dk.

Deadline

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Application deadline August 15, 2025

Gender balance

Ensuring gender balance at the Department of Physics and Astronomy is a high priority, and therefore we particularly encourage women to apply for this position. No candidate will be given preferential treatment, and all applicants will be assessed on the basis of their qualifications for the position in question.

Natural Sciences Tenure Track

Aarhus University offers talented scientists from around the world attractive career perspectives via the Natural Sciences Tenure Track Programme. Highly qualified candidates are appointed as Assistant Professors for a period of six years with the prospect of performance- based advancement to a tenured Associate Professorship position.

The aim of the Natural Sciences Tenure Track Programme is to:

- attract outstanding talented individuals that are competitive at an international level
- to promote the early development of independent research success early in the career of scientists
- to create transparency in the academic career path

As part of the tenure track position, the candidate is offered:

- access to research infrastructure
- capability development, including postgraduate teacher training
- a mentoring programme
- support to develop scientific networks and to secure interdisciplinary research at the highest level

As part of the Aarhus University Tenure Track Programme, the University carries out a mid-way evaluation to review the progress of the tenure track candidate after three years, according to the same criteria used in the final tenure review. The final tenure review is conducted after five and a half years. If the review is positive, the candidate will be offered a tenured position as Associate Professor at Aarhus University.

Please refer to the [tenure track guidelines](#) for the tenure review criteria and for the tenure review process.

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Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the assessment committee if necessary, – the head of department selects the candidates to be evaluated. The selection is made on the basis of an assessment of who of the candidates are most relevant considering the requirements of the advertisement. All applicants will be notified within 6 weeks whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee and will receive his/her assessment. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants.

Letter of reference

If you want a referee to upload a letter of reference on your behalf, please state the referee's contact information when you submit your application. We strongly recommend that you make an agreement with the person in question before you enter the referee's contact information, and that you ensure that the referee has enough time to write the letter of reference before the application deadline. Unfortunately, it is not possible to ensure that letters of reference received after the application deadline will be taken into consideration.

If you wish to add a referee **after** you have submitted your application, you must send this person's details (name, job title, place of work, and email address) as well as the name of the position you have applied for to: HR.Nattech@au.dk

Formalities and salary range

Natural Sciences refers to the [Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation](#).

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found [here](#).

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Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Taxation and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the [Memorandum on Job Structure for Academic Staff at Danish Universities](#).

Salary depends on seniority as agreed between the Danish Ministry of Taxation and the Confederation of Professional Associations.

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

At the Faculty of Natural Science at Aarhus University, we strive to support our scientific staff in their career development. We focus on competency development and career clarification and want to make your opportunities transparent. On [our website](#), you can find information on all types of scientific positions, as well as the entry criteria we use when assessing candidates. You can also read more about how we can assist you in your career planning and development.

Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more [here](#). Please find more information about entering and working in Denmark [here](#).

Deadline

15 August 2025

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

AarhusUniversity

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 38,000 students (FTEs) and 8,300 employees, and has an annual revenues of EUR 935 million. Learn more at

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www.international.au.dk/

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact Ulrik Ingerslev Uggerhøj
The Department of Physics and Astronomy
Aarhus University
Ny Munkegade 120
Aarhus 8000
Denmark

Phone Number +4523382373
Contact E-mail ulrik@phys.au.dk