

Full Professor or Associate Professor in Theoretical  
Physics  
Aarhus University

Direct Link: <https://www.AcademicKeys.com/r?job=132773>

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Posted Nov. 1, 2019, expired Feb. 1, 2020

<b>Job Title</b>	Full Professor or Associate Professor in Theoretical Physics
<b>Department</b>	Department of Physics and Astronomy <a href="http://www.phys.au.dk/">http://www.phys.au.dk/</a>
<b>Institution</b>	Aarhus University Aarhus, , Denmark
<b>Date Posted</b>	Nov. 1, 2019
<b>Application Deadline</b>	Feb. 1, 2020
<b>Position Start Date</b>	Jul. 1, 2020
<b>Job Categories</b>	Associate Professor Professor
<b>Academic Field(s)</b>	Physics - Condensed Matter/Low Temperature Physics - Atomic/Molecular/Optical/Plasma Physics - General
<b>Apply Online Here</b>	<a href="https://au.career.emply.com/en/apply/full-professor-or-associate-professor-in-theoretical-physics-with-focus-on-new-quantum-phenomena-in-solid-state-and-nanoscale-systems/9ndigk">https://au.career.emply.com/en/apply/full-professor-or-associate-professor-in-theoretical-physics-with-focus-on-new-quantum-phenomena-in-solid-state-and-nanoscale-systems/9ndigk</a>

**Apply By Email**

**Job Description**

The Department of Physics and Astronomy, Aarhus University, Denmark ([www.phys.au.dk](http://www.phys.au.dk)) invites applications for a permanent associate or full professor position in theoretical quantum physics.

The Department seeks to complement and/or strengthen its existing activities in quantum optics and cold atomic physics with a strong theoretical research program and teaching in complex quantum

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systems and quantum technologies.

The position is open from July 1 2020 or as soon as possible hereafter.

#### Your profile

The successful candidate will establish a research activity, which may include many-body physics and quantum gases, nanophotonics and integrated photonics, optomechanics, physics at surfaces and interfaces, superconducting quantum devices or semiconductor quantum optics, and range from the development of applications to foundational investigations in quantum and statistical physics. We are particularly looking for applicants who will strengthen and/or supplement and interact with the quantum science and condensed matter research groups at Aarhus University and who will contribute to the development of the research field within the Department.

Applicants must have a strong record of original scientific research at international level and they are invited to document examples of collaborative research and external funding. Applicants must hold a PhD in physics and be able to teach physics at all levels of the University curriculum.

Applicants are expected to document their experience with all facets of university teaching, including the supervision of MSc and PhD students.

#### Equality and diversity

The department is committed to promote equality and diversity, and, in addition to a strong research track record, the successful applicant(s) is encouraged to show a genuine commitment to develop and identify the role and talent of under-represented groups in physics, and demonstrate an interest in contributing to innovative, programs that will target these groups at all levels.

#### 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

Further information can be obtained from Head of Department Ulrik I. Uggerhøj, Department of Physics and Astronomy, Aarhus University, Ny Munkegade 120, DK-8000 Aarhus C

E-mail: [ulrik@phys.au.dk](mailto:ulrik@phys.au.dk)

#### 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

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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, including the main considerations emphasized during the selection process.

Formalities and salary range Formalities and salary range

Science and Technology refers to the Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation.

([http://www.medarbejdere.au.dk/appointment\\_of\\_academic\\_staff\\_at\\_universities](http://www.medarbejdere.au.dk/appointment_of_academic_staff_at_universities))

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.

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Finance 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 Finance and the Confederation of Professional Associations.

All interested candidates are encouraged to apply, regardless of their personal background. 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:

01 February 2020

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

**Aarhus University**

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 8,000 employees, and has an annual revenues of EUR 885 million. Learn more at [www.international.au.dk/](http://www.international.au.dk/)

**Contact Information**

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

**Contact**      Ulrik I. Uggerhøj  
Department of Physics and Astronomy  
Aarhus University  
Ny Munkegade 120  
Aarhus 8000  
Denmark

**Contact E-mail**      [ulrik@phys.au.dk](mailto:ulrik@phys.au.dk)