

Postdoctoral positions in Mathematics & Operations Research

The [Department of Mathematics](#) at [Aarhus University](#), Denmark, a top 100 university, is seeking top early-career researchers for a number of attractive one to two year postdoctoral positions within Mathematics & Operations Research.

The positions have 1st September 2025 as earliest possible start dates.

There are postdoc positions available in the areas listed here:

<https://math.au.dk/en/about/vacancies/postdoc/>

When applying, you will be asked to indicate, which of the areas listed on the page above are of interest to you. The list includes positions covering Geometric Group Theory, p-adic Lie Groups and Mathematical Optimization. The list may be updated with new areas up until the deadline for application.

As a successful candidate you are expected to:

- shine in individual and collaborative research,
- either to assist groups of bachelor's students in doing homework or
- co-teach advanced courses relevant for your research area.

The Department of Mathematics, the city of Aarhus as well as Denmark can offer the successful candidate:

- a positive and international work environment with a flat hierarchy,
- a competitive salary, starting at DKK 36,500 and DKK 40,600 (euro approx. 4,890 – 5,440) + pension between DKK 6,240 and DKK 6.945 (euro approx. 835 - 930) per month – all listed amounts are before taxes are calculated.
- universal health insurance as a resident of Denmark, including family members officially residing in Denmark.

The applicants may upload up to ten key publications with the application. While the assessment committee will evaluate the overall scientific achievements of all shortlisted candidates, the committee can only be expected to look into individual scientific results amongst those contained in publications submitted with the application.

Contact information

The relevant person to contact is listed in each position, which can be found [here](#)

Place of work

Place of employment is Aarhus University, and place of work is Department of Mathematics, Faculty of Natural Sciences, Ny Munkegade 118, 8000 Aarhus C.

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the appointment committee if necessary, – the head of department selects the candidates to be evaluated. All applicants will be notified 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 each applicant is given the opportunity to comment on the part of the assessment that concerns him/her self. 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.

Application Deadline:
31 March 2025

Faculty:
Faculty of Natural
Sciences

Institute/Faculty:
Department of
Mathematics

**Academic contact
person:**
Andreas Basse-
O'Connor
Professor
basse@math.au.dk
+4587155752

Vacant positions:
2

Hours per week:
37

**Expected date of
accession:**
01/09/2025

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](#).

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.

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](#).

Aarhus University also offers a Junior Researcher Development Programme targeted at career development for postdocs at AU. You can read more about it [here](#).

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.

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 8,300 employees, and has an annual revenues of EUR 935 million. Learn more at www.international.au.dk/