



# Call for applications

## International post-docs

### Background:

As part of the university's 2016- 2021 strategy, "Knowledge for the World," the Technical Faculty of IT and Design (TECH) calls for applications to facilitate recruitment of top-level postdocs with PhD degrees from outside Denmark.

### Motivation:

The faculty wants to support and strengthen internationalization in line with the overall university strategy. This call intends to enable recruitment of highly talented postdocs with a maximum PhD age of 6 years (corrected for leave of absence, registered illness, etc.). To be eligible, a postdoc must have a PhD degree that is not from Denmark.

This call targets postdoc employments with durations in the range 1½-2½ years – a longer time period is possible if the department funds the extension. The TECH faculty pays half of the budgeted total amount, while the relevant department must cover the other half. Only salary and up to DKK 150,000 in running costs (travel, publication fees, etc.), to be shared equally between the faculty and department, may be applied for. A budget must be included that itemizes costs according to the relevant categories (salary, travel fees, etc.). If employments longer than 2½ years are applied, the department must fund the extended employment.

A local senior staff member together with their research group must be willing to host the postdoc. It is expected that the postdoc will perform research in collaboration with the hosting research group, to ensure research and teaching collaboration. Overall plans for both research and teaching must be described. Ambitions are expected to include aspects such as joint publications, externally funded project applications, and industrial collaborations. The TECH faculty expects to be able to support 10-12 postdoc projects to give an indication of the volume.

### Application:

Applications must be submitted to Lise Dahlgard or Rikke Poulsen (both mentioned in the "Questions" part below). The following material must be submitted:

- A project application of maximum 5 pages that specifies the content in terms of both research and teaching. It is expected that the application is prepared jointly by the prospective postdoc and the local senior host. Involvement in a PhD course or other activity is encouraged. A possible application outline is enclosed.

- An up-to-date CV for the postdoc and a list of peer reviewed publications (preferably including Google Scholar link to publications).
- No other documents (such as recommendations) should be submitted.

### **Budget:**

An itemized budget must be included that states the employment period, salary and up to DKK 150,000 for travel, fees, etc. The faculty covers up to 50% of the expenses. The faculty support is available in 2017.

### **Time plan:**

The following time plan is followed:

- Monday, March 13: Launch of the call.
- Friday, April 21: Application deadline.
- Friday, May 5: The applicants receive a decision.

Should it happen that the TECH faculty does not receive sufficiently many proposals of high quality by the above deadline, the resources will continue to be allocated until end of 2017.

### **Signatures:**

The head of department must sign, thus accepting the budget and guaranteeing a workplace. Also, the senior host must sign to demonstrate a commitment to invest the necessary human resources to make the employment a success. The research group of the local host is also expected to support the postdoc as needed. A confirmation from the postdoc must of course also be provided. All signatures may be handled via confirmation e-mails.

### **Assessment:**

Proposals are assessed by a committee consisting of one appointed highly respected professor from each of the four TECH departments and one from the TECH faculty. The committee may consult with external experts if necessary. The following aspects are used in the assessment:

- Quality and productivity of the applicant (the productivity is seen relative to the PhD-age).
- Quality of the project (including commitment from the department and the senior host; quality of research/teaching; joint publications; etc.).
- Possibilities (for e.g. attracting external funding) during and after the project.
- How the local research/teaching group gains a lasting benefit from the project.

The committee delivers a prioritized list to the Dean – the Dean then makes the funding decision.

### **Questions:**

In case of questions contact Lise Dahlgaard ([lim@adm.aau.dk](mailto:lim@adm.aau.dk) and 99407546) or Rikke Poulsen ([rpo@adm.aau.dk](mailto:rpo@adm.aau.dk) and 51296292) or Vice Dean Torben Larsen ([prodekan-tech-forsk@aau.dk](mailto:prodekan-tech-forsk@aau.dk) and 20206856).

# Project description

The project description must cover the element appearing below. How you organize the content is up to the applicant. Use at least 20 mm margins at all four sides (top, bottom, left, right), an 11 pt font, and maximum 5 pages excluding references (a maximum of 2 pages for references).

Notice: out of respect to other applicants, supplementary material received after the deadline is not considered unless that material is requested by the assessment committee.

## **Title**

**Name of postdoc.**

**The postdoc's current affiliation.**

**Name of senior host.**

**Name of department.**

## **8-10 lines executive summary**

A short description that nails it.

## **The project – research part**

Introduction.

The core idea, hypotheses/challenges.

State of the art.

Advancement of the state-of-the-art.

## **The project – teaching part**

Courses/projects/educations where the postdoc intends to contribute.

Consider also whether a PhD course may be offered.

## **Local impact**

How will longer-term, lasting impact be achieved?

Plans to apply for external funding (when, where, etc.).

Expected/intended impact on the AAU research group.

## **Work and time plan**

A rough plan including both teaching efforts and research contributions.

## **Budget**

Provide an itemized budget that covers salary and running costs (up to DKK 150,000).

## **Success criteria**

Dissemination plans (scientific and popular).

Indicate 3-5 success criteria to enable evaluation of whether the project has been a success.

## **Appendix:**

An up-to-date CV for the postdoc for which partial funding is requested. In addition, also a list of all peer reviewed publications (preferably with Google Scholar links).