

Assistant Professors (tenure track) / Associate Professors
in Civil and Structural Engineering
Aarhus University

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Job Title	Assistant Professors (tenure track) / Associate Professors in Civil and Structural Engineering
Department	Department of Engineering http://eng.au.dk/en/
Institution	Aarhus University Aarhus, , Denmark
Date Posted	Jul. 23, 2019
Application Deadline	Sep. 15, 2019
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Structural Engineering Civil Engineering Architectural (Building & Construction) Engineering - Other
Job Website	https://au.career.emply.com/en/ad/assistant-professors-tenure-track-associate-professors-in-civil-and-structural-engineering/map3d0/en
Apply Online Here	https://au.career.emply.com/en/apply/assistant-professors-tenure-track-associate-professors-in-civil-and-structural-engineering/map3d0
Apply By Email	
Job Description	

The Department of Engineering (ENG) of Aarhus University (AU) is looking for several innovative and

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visionary tenure track Assistant Professors or Associate Professors in Civil and Structural Engineering. Within the last two years, eight new faculty researchers have been recruited to our Civil Engineering section, and we are now looking to further expand, based on our ambitious strategic investment in a five-year recruitment plan to place the university in direct competition with the global engineering elite. Therefore, Aarhus University is seeking researchers driven with vision, innovations, and technologies for the future, to join and expand our existing research environment in Civil Engineering.

The positions are available from 1 December 2019 or as soon as possible hereafter.

Several positions are available within the field, and positions are available in all relevant disciplines of civil and structural engineering, including but not limited to: Structural dynamics and control, Experimental dynamics and monitoring, Building materials, Timber structures, Soil-structure interaction, Structural mechanics, Risk and resilience, and Construction management. Preference will be given to applicants that can demonstrate a strong and innovative research and teaching track record within traditional disciplines or within cross-disciplinary topics that will lead to the establishment of new world-class research groups at AU. Moreover, we are looking for applicants to teach research-based courses and projects in our Danish undergraduate programme. In addition, our graduate program is fully international and all teaching is in English. Likewise, English is the official language of the department and faculty. The positions will be anchored in the Department's Civil and Architectural Engineering section.

Successful candidates are expected to work closely with other researchers/groups within the section and the department as well as with external stakeholders. The ability to work in a multidisciplinary team is essential. Successful candidates must also have a PhD in Civil Engineering, Construction Management, or a related cross-disciplinary field. The candidates must have excellent written and verbal communication skills. All positions are research positions where it is expected that the candidate is capable in competing for external funding. Further expectations for the various levels of appointment are:

Assistant Professor (tenure track): Candidates must demonstrate potential for outstanding research and teaching. Some years of post-graduate research and publication experience is required. Experience from successful external research collaborations with industry and academia, project management skills, and experience in attraction of external funding is preferred.

Associate Professor: Candidates must have an outstanding record of research accomplishment, an established record of external funding, and concomitant strong evidence of emerging leadership in their field.

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For both levels, commitment to excellence in teaching at both undergraduate and graduate levels, including existing courses and development of new courses, is expected.

About us

The engineering field in Aarhus University is changing with a rapid growth in student population, major research initiatives as well as through the establishment of a number of new physical facilities in the city center of Aarhus. We have ambitious plans for increased activities in research and education, as well as public and industrial cooperation. Engineering at Aarhus University is well established with extensive research activities, approximately 650 Civil and Architectural engineering students, and a long tradition of industrial cooperation. We offer an international environment with space to grow your research disciplines and to build new curriculum.

The Civil and Architectural Engineering section is based in "Navitas" - Aarhus' new centre for innovation, education and energy. Navitas is an open and vivid house with more than 2 000 students, staff teachers and researchers and about 400-600 company employees associated with INCUBA Science Park. This will create great opportunities for synergies between businesses and academia as well as research and development with a key focus on energy.

Aarhus, Denmark's second largest city (European Capital of Culture for 2017) is a university city, and Aarhus University being a top-100 university, with a large central campus is the largest university in Denmark with a long tradition of excellent interdisciplinary research with close industry collaboration. Aarhus regularly features in the list of top-10 happiest cities in the world.

Read more about the great opportunities when relocating to Denmark and the top reasons for choosing Aarhus University here (<http://ias.au.dk/why-relocate-to-denmark/>).

Application

Your application must contain a visionary research statement with concrete research proposals, a teaching statement, a CV including current research activities, R&D experience, a complete publication list as well as your teaching, fundraising and leadership experience. Both research and teaching statements should not be longer than 2-3 pages in length each. Please provide your ResearcherID, Google Scholar profile link, and/or a unique search query in Google Scholar and/or Web of Science to retrieve your publication and citation track record. Also, please provide names of references (minimum 3) whom the search committee may contact directly. Finally, you must indicate level (Assistant Professor or Associate Professor) and one or two (in case of cross-disciplinary activity) main disciplines that you specialize in.

Place of employment and place of work

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Place of employment is Aarhus University, and place of work is Science and Technology, Inge Lehmanns Gade 10, 8000 Aarhus C, Denmark.

Further information

For more information, please contact Head of Civil and Architectural Engineering, Søren Wandahl (swa@eng.au.dk / +4541893216) or Head of Department of Engineering, Thomas Skjødeberg Toftegaard (tst@eng.au.dk / +4521379470).

Science and Technology Tenure Track

Aarhus University offers talented scientists from around the world attractive career perspectives via the Science and Technology 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.

The aim of the Science and Technology 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/Senior Researcher at Aarhus University.

Please refer to the tenure track guidelines for the tenure review criteria and for the tenure review process. (<http://scitech.au.dk/om-science-and-technology/stillinger/vejledninger-til-ansoeger/>)

Application procedure

Shortlisting is used. This means that after the deadline for applications - and with the assistance from

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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, including the main considerations emphasized during the selection process.

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/job_structure_for_academic_staff_at_Universities_2013)

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. (<http://scitech.au.dk/en/about-science-and-technology/vacant-positions/application-form-guide/>)

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.

(http://www.medarbejdere.au.dk/job_structure_for_academic_staff_at_Universities_2013)

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. (<http://international.au.dk/research/>)

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15 September 2019

Contact Information

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

Contact Søren Wandahl
Department of Engineering
Aarhus University
Aarhus
Denmark

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Contact E-mail swa@eng.au.dk