

Professor Position in the field of Design and Manufacturing

The Department of Mechanical and Production Engineering (MPE) at Aarhus University is consolidating its research and teaching activities within the field of Design and Manufacturing and invites applications for full Professor within the Section of Design and Manufacturing.

The MPE Department seeks an innovative and visionary researcher capable of establishing and leading an internationally recognized research group and delivering research-based teaching at the Bachelor, Master & PhD levels. The chosen candidate is expected to establish effective and visible research programs, develop local and international research collaborations, attract external funding, and contribute to our mechanical engineering bachelor and master programs with teaching at an international level.

For this open position, we are seeking candidates to advance research in resilient and sustainable design and manufacturing solutions.

Skills in experimental, computational, and modeling aspects and a focus on innovative research in manufacturing areas are highly desired.

An accomplished candidate will create collaborations within the university and industry and have demonstrated experience in securing research funding. The ideal candidate will contribute to DEMA's international presence and enhance its global reputation. Demonstrated research leadership is strongly desired.

We specifically encourage candidates with an interdisciplinary research profile that can support our strategic research activities within Green Transition, Digitalization, and Health in the MPE Department and the University. We prefer candidates that can demonstrate the potential for industrial application of their research.

The candidate should bridge existing fields in the section and department, and we encourage applicants to address potential synergies in our educational programs and research activities.

Expected start date and duration of employment

01.11.2025 or as soon as possible hereafter.

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 significant plans for increasing activities in research, education as well as public and industrial collaboration. The Mechanical and Production Engineering Department within the Faculty of Technical Sciences has cooperation with universities and advisory service providers in more than 20 countries.

The candidates are required to teach relevant courses in the MPE educational program at the B.Sc., M.Sc., and/or PhD levels of the Mechanical and Production Engineering programs.

The candidate is further expected to be part of establishing a new industrial M.Sc. program in within mechanical and production engineering.

To meet expectations in this role, we expect the candidate to fulfill the following requirements:

- A PhD or equivalent in Mechanical Engineering or in a related subject area.
- A consistent record of producing high-quality research and publications in peer reviewed journals.
- Demonstrated leadership in establishing an internationally recognized research group. Experience in supervision of PhD students or postdoctoral research.)
- Apply for national and international research grants and make important research contributions.
- Thrive in both teaching and research roles.
- Establish effective industrial R&D collaboration. Prior experience in establishing

Application Deadline:
01 July 2025

Faculty:
Faculty of Technical
Sciences

Institute/Faculty:
Department of
Mechanical and
Production Engineering

**Academic contact
person:**
Anders Brandt
Institutleder, professor
abra@mpe.au.dk
+4529125815
+4529125815

Vacant positions:
1

Hours per week:
37

**Expected date of
accession:**
01/11/2025

industry collaborations is desired.

- Bring research results into the public domain. The candidates should have proficient communication skills in English. It is a clear advantage if the candidates have the ability or are willing to develop their communication skills in Danish.

The engineering field in Aarhus University is evolving 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 comprehensive plans for increased activities in research, education as well as public and industrial cooperation. The Mechanical and Production Engineering Department within the Faculty of Technical Sciences has cooperation with universities and advisory service providers in more than 20 countries. The engineering field at Aarhus University is well established with extensive research activities, approximately 700 mechanical engineering students and a long tradition of industrial cooperation that we wish to extend significantly.

What we offer

The department offers:

- research infrastructure, laboratories and access to shared equipment
- an exciting interdisciplinary environment with many national, international and industrial collaborators
- a research climate encouraging lively, open and critical discussion within and across different fields of research
- a work environment with close working relationships, networking and social activities
- a workplace characterised by professionalism, equality and a healthy work-life balance.

Place of employment and place of work:

The place of employment is Aarhus University, and the place of work is Mechanical and Production Engineering, Katrinebjergvej 89, DK-8200 Aarhus N, Denmark.

Further information

For more information about the position contact Head of Department, Anders Brandt (abra@mpe.au.dk / +45 2912 5815) or Head of Section Henrik Myhre Jensen (hmj@mpe.au.dk / +45 4189 3215).

Application deadline: 01/07/2025.

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

Technical 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.

Ensuring gender balance at the Department of Mechanical and Production Engineering is a high priority at Aarhus University, 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.

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](#).

The application must be submitted via Aarhus University's recruitment system, which