

Associate Professor in Robotic Production Systems
University of Southern Denmark

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Posted May 8, 2025, set to expire Jun. 10, 2025

Job Title	Associate Professor in Robotic Production Systems
Department	SDU Center for Large Structure Production (LSP), part of the Maersk Mc-Kinney Moller Institute https://www.sdu.dk/en/mmmi
Institution	University of Southern Denmark Odense, , Denmark
Date Posted	May 8, 2025
Application Deadline	Jun. 10, 2025
Position Start Date	Aug. 1, 2025
Job Categories	Associate Professor
Academic Field(s)	Robotics Naval Architecture & Marine Engineering Manufacturing & Quality Engineering Industrial & Systems Engineering
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Job Description	

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[SDU Center for Large Structure Production \(LSP\)](#), part of the [Maersk Mc-Kinney Moller Institute \(MMMI\)](#) at [University of Southern Denmark \(SDU\)](#), invites applications for one or more fully funded Associated Professor positions in the area of model- and simulation-based planning and control of robotic production systems. The positions will be vacant from August 1, 2025, or as soon as possible thereafter for a. Main work location is Odense/Denmark at SDU and Odense Havn (Odense Port).

Work environment

The candidate(s) will be part of SDU's newly established SDU Center for Large Structure Production (LSP). LSP's central ambition is to provide a physical "go-to" lab for companies in the sectors maritime, construction and energy to carry out research, development and testing of novel solutions in the production of large structures, such as buildings, ships and offshore platforms. In this context, the candidate is expected to work closely with our industrial partners on application-oriented use cases, while helping to commission and operate the unique set of equipment of the center.

LSP is working closely together the companies at [Odense Havn](#) and similar partners making large structures across Denmark and Europe. LSP is integrated with [Odense Robotics Cluster](#) involving startups and established companies in robotics. We are a team of currently about 20 researchers, engineers and PhD students, specialized in robotic solutions involving modelling, simulation, and control of advanced robot technologies (systems and services) for application-oriented industrial applications.

Our group is involved in a variety of national and European projects and features a strong network of academic and industrial partners. We solve challenging research problems derived from real-life challenges by implementing novel robot solutions. We value teamwork, professional diligence, enthusiasm for robotics and the drive to adopt new skills and extended responsibilities. We offer an open, international team, with flexible work organization and support of individual development.

Job description

The candidate(s) will participate in activities of the center, including current and future research projects and teaching. This involves for example:

- To be able to collaborate with our experts and colleagues from SDU Center for Large Structure Production in the further development of our core technologies.
- To participate in the practicalities of actual industrial applications.
- To be deeply involved in our regular coordination and joint evolvement of research and project activities.
- To raise funding and manage research projects.

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- To organize, plan and conduct excellent teaching for undergraduate and graduate courses.
- To independently supervise project courses, and BSc, MSc and PhD thesis projects.

The associate professor role primarily involves research and research-based teaching, with equal emphasis on both. Responsibilities include publishing scientific knowledge, teaching, examining, engaging in public debates, research management, curriculum development, guidance, supervision, and scholarly assessment. Task allocation is determined by the university and may change over time.

Profile and requirements

The position requires research experience in industrial robotics applications, in particular within production. This includes documented knowledge within some of the following technologies/areas:

- Model-, simulation, and data-based planning and control of robotic production systems.
- Applications of robotic systems relevant to the area of large structure production, such as applications of robotic system in the sectors maritime, construction or energy.
- Methodologies and tools in Systems Engineering, i.e. Digital Twins.

The candidate(s) must hold a relevant PhD (or hold a PhD within robotics) and are expected to have most of the following qualifications:

- Research demonstrated by publications in relevant scientific journals and conferences.
- Experience in acquiring and coordinating publicly and/or privately funded projects.
- Strong track record of directly engaging with industrial partners in application-oriented projects and/or a relevant international network for research and collaboration activities.
- Experience with teaching and independently supervising project courses, and BSc and MSc thesis projects.

Furthermore, the successful candidate(s) are expected to have excellent knowledge of English (written and spoken) and to be able to work well and communicate expert knowledge in an interdisciplinary team.

In the assessment of candidates, consideration will be given to:

- Research demonstrated by publications in relevant scientific journals and conferences.
- Experience in interdisciplinary research collaboration.
- Teaching experience.
- A relevant international network for research and collaboration activities, research experience abroad.
- Experience in attracting funding for research projects and demonstrated experience in research

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leadership.

Contact information

Please visit us on LinkedIn: [SDU Center for Large Structure Production](#)

Further information about this position is available via email from Professor and Head of Center Christian Schlette chs@mmmi.sdu.dk phone: +45 6550 7916.

If you experience technical problems, please contact hcm-support@sdu.dk.

Application procedure

Applicants are advised to read the [SDU information on how to apply](#).

Assessment of the candidates is based on the application material, and an application must include:

- Motivated personal application.
- Curriculum Vitae including contact information.
- Master's and PhD degree certificates or equivalent (copy of original/official English translation).
- Complete list of publications.
- Publications most relevant to the position. Attach as PDF.
- [Teaching Portfolio](#).
- Research plan.
- A statement/documentation of other qualifications relevant to the position may also be included.

UPLOAD GUIDE: Motivated application shall be uploaded as 'Cover letter' (max. 5 MB), Curriculum Vitae shall be uploaded as 'Resume' (max 5 MB). All other documents shall be uploaded as 'Miscellaneous documents' (max 10 files of max 50 MB per file).

All documents must be in English and PDF format. CPR number (civil registration no.) must be crossed out. All PDF-files must be unlocked and allow binding and may not be password protected.

The application deadline is June 10, 2025, at 11.59 PM/23.59 (CET/CEST)

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Assessment and selection process

Applications will be assessed by an assessment committee. Shortlisting may be applied, and only shortlisted candidates will receive a written assessment. [Read about shortlisting at SDU](#). Interviews and tests may be part of the overall evaluation.

Read about the [Assessment and selection process](#).

Conditions of employment

Appointment as associate professor is permanent, the preferred start date is from June 1, and main work location is Odense/Denmark at SDU and Odense Havn (Odense Port).

Employment as an associate professor requires academic qualifications at PhD level as well as scientific and teaching qualifications commensurate with the position as an associate professor. Employment will be in accordance with the collective agreement between the Ministry of Finance and the Danish Confederation of Professional Associations for academics in the state with the associated circular on the protocol for the job structure for academic staff at Danish universities and the provisions for associate professor as described herein. [Further information on salary and taxation](#). Persons employed in the position may, based on a specific individual managerial evaluation, be exempted from time registration, also known as a “self-organizer”.

The University of Southern Denmark wishes our staff to reflect the surrounding community and therefore encourages everyone, regardless of personal background, to apply for the position. SDU conducts research in critical technologies, which, due to the risk of unwanted knowledge transfer, are subject to a number of security measures. Therefore, based on information from open sources, background checks may be conducted on candidates for the position.

[Further information](#) for international applicants about entering and working in Denmark. You may also visit [WorkinDenmark](#) for additional information.

[Further information](#) about The Faculty of Engineering.

Apply Before

06/10/2025, 11:59 PM

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About Us

The University of Southern Denmark was established to create value for and with society. Whether our contributions come in the form of excellent research, innovative solutions, education or learning, we must make a positive difference to society and contribute to a sustainable future. We do this by cultivating talents and creating the best environments for research and learning. It is therefore crucial that SDU retains, develops and recruits talent. At the same time, we need to ensure consistently high quality in all our activities – and we can only do that with the right people. The University's researchers, lecturers, students, managers and technical/administrative staff are the foundation of our success.

Contact Information

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

Contact Christian Schlette
SDU Center for Large Structure Production (LSP),
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University of Southern Denmark
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Odense 5230
Denmark

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Contact E-mail chsch@mmmi.sdu.dk