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JOBS IN BUSINESS SCHOOLS

Associate Professor or DTU Tenure Track Assistant Professor in Human Mobility

Company:
DTU, The Technical University of Denmark

Location:
Denmark / Lyngby

Discipline:
Human Mobility

Employment Type:
Permanent Full-time

Posted:
06/10/2025

Contact Person:
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Associate Professor or DTU Tenure Track Assistant Professor in Human Mobility

We are pleased to announce an opportunity for a distinguished scholar to join the Technical University of Denmark (DTU) as an Associate Professor or Assistant Professor (tenure-track) within the Transportation Science Division at the Department of Technology, Management and Economics – in short DTU Management.

The position offers a unique platform to conduct pioneering research in Human Mobility while joining DTU’s broader ecosystem of technological knowledge and innovation with the transportation sector.

The Transportation Science Division has a strong domain knowledge of the transport sector and mobility, and is, with its broad coverage of disciplines, an internationally outstanding unit in the field of transportation science. We deliver ground-breaking fundamental research as well as research-based insights and tools for policymakers and industry professionals. We have close collaboration with other research communities nationally and internationally, and with Danish Authorities. This includes a large on-going contract with the Ministry of Transport, where we carry out policy support to solve the great challenges in the transport sector.

The overreaching focus of the position is the importance of understanding human mobility

and behaviour when planning and operating transportation systems and formulating policies and regulations. Human behaviour is embedded in our research on transport systems and mobility prediction models. Our research creates a foundation for policy support related to a variety of challenges in the sector such as the green transition, mobility for all user groups, congestion and challenged land use particularly in large cities; equity, safety, and risk; and derived negative externalities of transport.

The division is interdisciplinary with scholars originating from transportation engineering, economics, psychology, computer science, social data science, machine learning, mathematics, and statistics.

As a candidate, you should have a high potential for creative and independent research, willingness to collaborate and interact with other researchers, the ability to teach courses at different levels, to engage in scientific advice and to disseminate research in seminars, conferences, and in the classroom.

We offer an international research environment with a collegial, team-oriented research environment in an elite university based in the Greater Copenhagen area. We have good opportunities for collaboration, supervision, and co-supervision of graduate students and attractive teaching conditions.

Denmark offers abundant funding opportunities for leading edge research from its many private and public research foundations. To support the obtaining of funding, DTU and the department provide highly specialized and individual funding support and guidance depending on your needs and where you are in your career.

Furthermore, Denmark is one of the countries in the world with the highest degree of digitalization, and hence researchers have access to unique longitudinal datasets on households, companies, transport behaviour, etc. DTU has a close collaboration with public authorities, which secures both impacts of research and access to surveys, experimental and register data.

The position is full-time and based at DTU Lyngby campus, just north of Copenhagen. Copenhagen is renowned around the world for its relaxed atmosphere, fantastic restaurants, festivities, and high quality of life, being number one on the 2025 Global City quality of life index.

Responsibilities and qualifications

We seek an Associate or TT Assistant Professor that can advance the research and practice on human mobility, including better understanding of behaviour, preferences, and choices. You have a strong track record in research at an international level. We expect the candidate to develop over the years to exhibit academic leadership, attract grants, teach undergraduate and graduate students, strengthen research-based advice, and contribute to a fruitful environment based on the position. Particular focus will be on our public sector support and societal impact in the transport domain.

You will bring the following:

- PhD in a relevant topic and discipline related to human mobility, e.g. from Social Data Science, Network Science, Transportation Science, Economics, Geography, Physics, or Computer Science
- Experience from application areas within the mobility and/or transport domain, and a strong list of publications in these areas
- Experience with or interest in scientific advice and public sector consultancy within the transport domain
- A solid international network within and beyond academia
- An ambition to push boundaries and define future research agendas solving societal challenges

If you are applying for the associate professor position you should also have academic qualifications equivalent to those obtained by holding an assistant professorship and documented didactic/pedagogic training.

You must be responsible for the teaching of courses. DTU employs two working languages: Danish and English. You are expected to be fluent in at least one of these languages, and in time are expected to master both.

You will be assessed against the responsibilities and qualifications stated above and the following general criteria:

- Experience and quality of teaching
- Research experience
- Research vision and potential
- International impact and experience
- Societal impact
- Innovativeness, including commercialization and collaboration with industry
- Leadership, collaboration, and interdisciplinary skills
- Communication skills

Salary and terms of employment

The appointment will be based on the collective agreement with the Danish Confederation of Professional Associations. The allowance will be agreed upon with the relevant union. We offer possibilities to favourable taxation for non-Danish residence (see Danish Tax Authority), and a competitive salary.

Starting date according to mutual agreement. The position is a full-time position.

The Assistant Professor position is part of DTU's Tenure Track programme. Read more about the programme and the recruitment process here.

You can read more about career paths at DTU here.

Further information

Further information may be obtained from the head of the Transportation Science Division, Professor Otto Anker Nielsen, oani@dtu.dk

You can read more about DTU Management at www.man.dtu.dk/english.

If you are applying from abroad, you may find useful information on working in Denmark and at DTU at DTU – Moving to Denmark.

Application procedure

Your complete online application must be submitted no later than **30 November 2025 (23:59 Danish time)**. Apply online here: *Associate Professor or DTU Tenure Track Assistant Professor in Human Mobility*

Applications must be submitted **as one PDF file** containing all materials to be given consideration. To apply, please open the link "Apply now", fill out the online application form, and attach **all your materials in English in one PDF file**. The file must include:

- Application (cover letter)
- Vision for teaching and research
- CV including employment history, list of publications (applicants applying for the position as associate professor should indicate scientific highlights), WoS H-index and ORCID (see http://orcid.org/)
- Teaching portfolio including documentation of teaching experience
- Academic Diplomas (MSc/PhD)

In the field *"Please indicate which position you are applying for"*, please indicate whether you are applying for the position as Associate or Assistant Professor.

You can learn more about the recruitment process here.

Applications received after the deadline will not be considered.

All interested candidates irrespective of age, gender, disability, race, religion or ethnic background are encouraged to apply. As DTU works with research in critical technology, which is subject to special rules for security and export control, open-source background checks may be conducted on qualified candidates for the position.

Who are we?

DTU Management conducts excellent research at the intersection of management, technology and economics. We develop solutions in close cooperation with companies and public authorities. Our research aims at strengthening welfare, productivity and sustainability. A key element is the role of technology and its interaction with industry and individuals. The department offers a wide range of courses and programmes at bachelor, master, and PhD levels across DTU's study programmes. The department has 250 employees with around half of staff coming from abroad.

Technology for people

DTU develops technology for people. With our international elite research and study programmes, we are helping to create a better world and to solve the global challenges formulated in the UN's 17 Sustainable Development Goals. Hans Christian Ørsted founded DTU in 1829 with a clear mission to develop and create value using science and engineering to benefit society. That mission lives on today. DTU has 13,500 students and 6,000 employees. We work in an international atmosphere and have an inclusive, evolving, and informal working environment. DTU has campuses in all parts of Denmark and in Greenland, and we collaborate with the best universities around the world.

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