

Professor (with special responsibilities) in Work Systems Design

DTU Management Engineering at the Technical University of Denmark invites applications for a position as Professor (with special responsibilities) in Work Systems Design.

The Department focuses on planning, innovation and management from an engineering perspective. The aim is to develop theory, methods and tools that can support private and public organizations in dealing with increasing demands on e.g. competitiveness, productivity, and sustainability.

The professor will be attached to the Division for Production and Service Management, one of the five divisions and two centers comprising the Department employing 270 persons including presently a faculty of 148 and 74 Ph.D. students

Responsibilities and tasks

The main focus of the position is to strengthen the research and education in work systems design addressing the complex interactions and integration of technology, organization, space and humans. The key areas are frameworks and methodologies for design and development of production and service systems aiming at the joint optimization of systems performance and human wellbeing.

In addition to taking a research leadership the professor is expected to

- supervise PhD students
- participate in teaching at BSc, MSc, and PhD level
- contribute to strategy development and international collaboration
- engage in international networks and cooperate with relevant international scientific communities
- take a lead in raising national and international research funding
- perform academic assessment tasks

The professor will have the responsibility to initiate, supervise, and communicate basic and applied research on work systems design.

The research field should be developed in collaboration with relevant staff in the division and should strengthen links to other research groups in the department as well as other DTU departments.

A position as Professor with Special Responsibilities is held for a limited time period and involves all the usual duties associated with a full professorship, as well as fixed-term specific duties, which will vary according to the research program.

Qualifications

The successful candidate will have a strong theoretical and applied background within work systems design based on frameworks and methodologies from human factors and ergonomics, organizational theory, systems engineering, participatory design and STS. The candidate should also have experiences with empirical studies of engineering design processes and the role of engineers and ergonomists in work systems design.

Additional qualifications for the position include documented experience with:

- Interactive research including a practitioner as well as a scientific perspective
- Industrial collaboration related to work systems diagnosis and solutions
- Managing cross-disciplinary research teams

Assessment

In the assessment of the candidate consideration will be given to

- the candidate's qualification for handling the special, function-related assignment(s) that are associated with the position
- scientific production at international level, research potential and ability to lead and develop a research team
- the ability to teach
- the ability to promote and utilize research results
- experience with innovation activities
- an all-round experience basis, including international experience
- the ability to contribute to the development of the department's internal and external cooperation
- the ability to attract funding to the research area
- visions within the research area

Salary and appointment terms

The appointment will be based on the collective agreement with the Confederation of Professional Associations. The allowance will be agreed with the relevant union.

The position is available for a 5-year period and may be extended for up to 3 years more.

Further information

Further information may be obtained from Head of Department Søren Salomo, tel.: +45 4525 4409.

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

Application procedure:

We must have your online application by **X March 2013**. Apply online at www.career.dtu.dk.

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

- Application (cover letter) addressed to the President of DTU
- CV
- List of publications indicating scientific highlights
- Documentation of teaching experience
- A plan for future research

All interested candidates irrespective of age, gender, disability, race, religion or ethnic background are encouraged to apply.