

Professor in Design Engineering and Innovation Management

Department of Management Engineering at the Technical University of Denmark invites applications for a position as Professor in Design Engineering and Innovation Management.

The professor will be attached to the division of Technology and Innovation Management. The division is expanding significantly and is organised within three research groups: Industrial Dynamics & Strategy; Entrepreneurship; and Design Engineering & Innovation. The new professor will be affiliated with the latter group.

The group is characterized by a young and dynamic staff of approx. 20 researchers with strong research collaborations with industry and leading international universities, a successful track record of research applications to public and private research funds, and an increasing number of publications in leading international academic journals.

Responsibilities and tasks

Complementing the existing research team (currently one full professor, two associate professors, five assistant professors and a number of post docs and PhDs), the candidate will take responsibility for further developing the Design Engineering and Innovation research activities. In particular, this position includes taking a leading role in developing and growing the existing research team, leading ongoing research projects and alliances, developing new research areas through research applications, and further accelerating the overall academic publication output. Supervising and supporting PhDs and early career team members will also be a central task.

The new professor is expected to take a lead position in research-based teaching (with associated examination commitments) at the bachelor-, master- and PhD levels. The teaching includes contributions to the two 2-year programs leading to the M.Sc. in Design & Innovation and M.Sc. in Engineering Management, respectively. Contributions to the university's executive teaching programmes are welcomed.

Besides the central research and teaching tasks, DTU encourages professors to engage in innovation (e.g., industrial collaborations for developing new products) and/or research-based public sector consultancy. Dissemination of research results to the broader public is very welcomed.

Qualifications

We expect you to have competences in the following areas:

- Hold a PhD degree (or equivalent) in design engineering or innovation management and academic qualifications equivalent to those obtained by holding a full professorship, including solid research experience in design engineering and innovation management or a closely related field
- A strong track record of scholarly research and publications at an international level that has contributed to the further development of the subject area in question
- Strong analytical skills and significant skills in empirical research methods
- Documented and successful teaching experience at different levels related to the course areas offered by the department, in particular also at the PhD level
- Documented didactic/pedagogic training
- Experience in supervision and guidance of PhDs and research teams
- Experience in designing and preparing applications for public or private funding for larger research projects and documented experience in research management, including the performance of management tasks linked to national or international projects, research programmes, conferences, etc.

Assessment

In the assessment of the candidates consideration will be given to

- the ability to teach
- scientific production at international level, research potential and ability to lead and develop a research team
- 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
- track record in attracting funding to the research area
- visions within the research area

For the specific position consideration will also be given to documented experience of at least one of the following topics:

- Product development and engineering design processes
- Innovation Management
- Design theory methodology
- Design support tools
- Idea generation and creativity within the context of engineering and design
- Innovation processes and systems

Salary and terms of employment

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

Further information

Further information may be obtained from Professor Søren Salomo, Head of department, DTU Management Engineering (+45 4525 4409, sors@dtu.dk), professor Per Dannemand Andersen, head of the Technology and Innovation Management Division (+45 4525 4535, pean@dtu.dk).

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

Application procedure:

Please submit your online application no later than **XXX 2014**. 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
- 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.