

Professor in Indoor Air Quality

DTU Civil Engineering at the Technical University of Denmark invites applications for a position as Professor in Indoor Air Quality.

DTU Civil Engineering is a department at the Technical University of Denmark and a leading institution in research and teaching related to buildings and construction in Denmark. The mission of the Department is to contribute to knowledge, advancement, commercial progress and sustainability in the field of civil, building and architectural engineering.

The Professor will be affiliated with the International Centre for Indoor Environment and Energy which is one of seven sections and centers in the Department.

Responsibilities and tasks

The Department wishes to attract a visionary researcher, who is able to maintain and further develop the Centre's position as a leading research group on a global scale in the area of indoor environment and its impact on man. The applicant is expected to attract research funding, and to be active in international networking with researchers from other high ranking institutions and industry in order to maintain the Centre's position as a hub for international exchange of ideas and visions. A major research area for the professor will be studies on the relation between indoor air quality and required ventilation for health, comfort and productivity primarily in buildings, but also in other places where people are exposed indoors (motor vehicles, planes, trains etc).

The candidate must be able to work with other research groups at DTU or outside and groups within the Department of Civil Engineering. Especially relevant partners would be research groups working with chemical substances in the air, experts on mould, medical experts, material scientist (emissions to the indoor air) and experts on statistical analysis.

It is furthermore expected that the professor takes a lead position in teaching at bachelor-, master- and PhD levels.

Qualifications

The applicant must have in-depth experience with human exposure studies both in the laboratory and in the field (homes, child care facilities, schools and offices), and as the field of indoor environment is highly multidisciplinary by nature, the applicant must have a broad knowledge on other aspects of the indoor environment. The applicant must have a solid international network with researchers from other high ranking institutions and industry in order to maintain the Centre's position as a hub for international exchange of ideas and visions. As scientific, and other forms of dissemination, is an important part of the position, good communication skills are required. Applicants must demonstrate their ability to bring research to practical implementation.

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

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 Head of Department Michael Havbro Faber, +45 4525 1747

You can read more about the Department at www.byg.dtu.dk/English.aspx

Application procedure

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