

Professor in Electrical Power Engineering, University of Southern Denmark, Denmark.

Southern Denmark and Northern Germany is a powerhouse in electronics with booming industries and great investments in research and education. Very recently, the Centre for Industrial Electronics at University of Southern Denmark (SDU) was established by a strong partnership between industry, academia and regional authorities as part of the section Electrical Engineering (SDU-EE) at the Faculty of Engineering.

In this context, we invite applications for a position as Professor in Electrical Power Engineering. The position is in SDU EE, located in Odense and to be filled on February 1, 2019 or as soon as possible thereafter.

Job description

As part of a team, you will take a leading role in our research, education and innovation activities, and evolve our collaborations with colleagues, international partners and industry.

SDU EE currently has 30 staff including senior (full and associate professors) and junior (assistant professors and Post Docs) academic staff, PhDs and support staff. This is expected to grow to 60 in a few years. The financial foundation for this growth as well as for the development of new research and test laboratories in key disciplines for Industrial Electronics has been secured. On this basis, we strive for unique and excellent value in research, innovation and education.

It is our ambition that Electrical Engineering at SDU will excel in areas of key relevance to companies in the region of Southern Denmark and beyond in the field of electrical engineering.

Qualifications

The successful candidate is an innovative and visionary research and innovation leader, an excellent educator, holds a PhD in engineering or natural sciences and has an excellent track record in

- developing the field of electrical power engineering
- teaching in the field of electrical power engineering
- turning new ideas into industrial practice
- leading and developing teams of researchers and developers
- establishing and running collaborations with leading actors in the field
- fund-raising in cooperation with research as well as industrial partners.

More specifically the candidates must have experience and competences in several of the following fields within electrical power engineering

- electric power supply
- plant and network protection
- electric power generation, transmission and distribution (HV, MV and LV)
- electrical machines.

Assessment

A panel will assess the qualification of the candidate for the described post based on the submitted material, which should include

- an overall vision for research and development activities
- a Curriculum Vitae and statement of motivation
- an account of significant contributions to the development of Electrical Power Engineering
- an account of significant contributions to innovation in Electrical Power Engineering
- an account of experience in leading and developing R&D teams
- an account of experience in education and outreach to research and industrial partners
- an account of collaborations with leading actors in the field
- relevant diplomas
- a list of publications, top ten marked.

For information about the Mads Clausen Institute, which encompasses SDU Electrical Engineering, please see sdu.dk/en/mci. For information about the section SDU Electrical Engineering, please see sdu.dk/ee .

You are also welcome to contact the Head of the Mads Clausen Institute, Professor Horst-Günter Rubahn (rubahn@mci.sdu.dk, +45 6011 3517) or the vice-head of the section Electrical Engineering, Associate Professor Per Andersen (pande@mci.sdu.dk, +45 9350 7362) for further information.

Application, salary, and condition of employment etc.

The candidate should have a Ph.D. degree within the mentioned research area and will be expected to teach and instruct students who participate in bachelor and master courses.

Owing to the increasingly international focus of the degree programs, applicants must demonstrate the ability to teach in English. If the successful applicant is not fluent in Danish, he or she will be expected to learn Danish within a period of approximately one year after which the ability to teach in Danish is expected.

All non-Danish documents must be translated into English.

Applications will be assessed by an expert committee. Applicants will be informed of their assessment by the Faculty.

As part of the overall assessment of the applicant's qualifications, the applicant may be called for interview.

The successful applicant will be employed in accordance with the agreement between the Ministry of Finance and the Danish Confederation of Professional Associations with the opportunity for individual negotiation.

Applications must be submitted online using the link "Apply online".

Attached files must be in Adobe PDF or Word format. Each box can only contain a single file of max. 10 Mb.

Read the guideline for applicants.

An application must include

- curriculum vitae
- certificates/diplomas (MSc, PhD) - Danish or English transcripts
- teaching portfolio (please see below)
- documentation for research management
- list of publications indicating the publications attached
- examples of the most relevant publications. Please attach one pdf-file for each publication, a possible co-author statement must be part of this pdf-file.

Applicants for a professorship at the Faculty of Engineering are requested to submit a teaching portfolio with the application as documentation for teaching experience as well as supervision qualifications. Please read more [here](#). Since not all members of the appointment committee are Danish-speaking, it is recommended that all your documents are submitted in English.

Further information for international applicants about entering and working in Denmark.

The University wishes our staff to reflect the diversity of society and thus welcomes applications from all qualified candidates regardless of personal background.