

Professor in Robotics and Control, Department of Electronic Systems, Aalborg University, Denmark

Contributed by: Department of Electronic Systems, Aalborg University, ach@adm.aau.dk

Professor in Robotics and Control

At the Technical Faculty of IT and Design, Department of Electronic Systems, a position as Professor in Robotics and Control is open for appointment from September 1, 2018 or soon hereafter. The Department of Electronic Systems is one of the largest departments at Aalborg University with a total of more than 250 employees. The department is internationally recognized in particular for its contributions within Information and Communication Technology (ICT). The research and teaching of the Department of Electronic Systems focus on electronic engineering and the activity areas are organized in the sections: Antennas, Propagation and Millimetre-wave Systems section (APMS), Automation Control section (Control), Connectivity section (CNT), Signal and Information Processing section (SIP), Wireless Communication Networks section (WCN) and Communication, Media and Information technologies (CMI). The department focuses on maintaining a close interplay with the university's surroundings - locally, nationally and internationally – as well as producing unique basic research and educating talented and creative engineers. The department collaborates with leading ICT researchers all over the world.

Job description

We seek to appoint a Professor to lead research and knowledge exchange at the intersection of the disciplines of robotics and control. The successful candidate will join a team of academics in control and robotics with a comprehensive robotics research and teaching portfolio (including a new graduate programme in Robotics). The group focuses on novel robotics application areas.

The position requires internationally recognized research experience in one or more of the following areas:

Collaborative robotics

Shared autonomy

Physical human-robot interaction

Autonomous systems

Synthesis for closed loop robotic systems (w. uncertainty and dynamic environments)

The main duties and responsibilities include:

Leadership and strategic direction and focus of a research programme within robotics.

Research, including publication of results and supervision of research students.

Teaching and assessment of primarily graduate students.

Generation of research funding applications and management of successful projects and programmes.

Leverage of reputation, knowledge and experience to strengthen our relationship with private industry partners in the field of robotics.

Teaching will be within the BSc/MSc study program in Robotics, and within the PhD School in Electronics and Electrical Engineering. It includes preparation and lecturing of internal and external courses at undergraduate, graduate, and postgraduate levels, as well as supervision of student projects at all these levels.

You may obtain further professional information from Professor Thomas Bak, phone no. 9940 8701, Email tba@es.aau.dk.

Qualification requirements:

The successful applicant can demonstrate a documented high level of original scientific production at an international level, including proven further development of the research area in question. An assessment of the candidate's undertaking of research management and/or other possible management functions will also be taken into account. In addition the applicant is expected to have the qualifications required for undertaking teaching responsibilities. Special contributions to and development of educational and teaching related areas will be considered in the overall assessment.

The application must contain the following:

A motivated text wherein the reasons for applying, qualifications in relation to the position, and intentions and visions for the position are stated.

A current curriculum vitae.

Copies of relevant diplomas (Master of Science and PhD). On request you could be asked for an official English translation.

Scientific qualifications. A complete list of publications must be attached with an indication of the works the applicant wishes to be considered. You may attach up to 10 publications. A link to your unique research identifier (Google Scholar or Web of Science ResearcherID or Scopus Author ID) which allows your publication and citation record to be analyzed.

Teaching qualifications described in the teaching portfolio. If this is not enclosed the applicant must include an explanation for its absence.

Dissemination qualifications, including participation on committees or boards, participation in organisations and the like.

Additional qualifications in relation to the position.

Possibly contact information for 2-3 references

Personal data.

The applications are only to be submitted online by using the "Apply online" button below.

We wish to reflect the diversity of society and welcome applications from all qualified candidates regardless of personal background.

An assessment committee will assess all candidates.

For further information concerning the application procedure please contact Anne Christoffersen by mail ach@adm.aau.dk or phone (+45) 9940 9680.

Information regarding guidelines, ministerial circular in force, teaching portfolio and procedures can be seen here (<http://www.tech.aau.dk/ansatte/hr-personaleadministration/>).

Agreement

Appointment and salary acc. to the agreement between the Ministry of Finance and the Danish Confederation of professional Associations (AC) on Academics in the State. Employment as Professor is in accordance with a classified position on scale 37. In addition, a pensionable increment will be given.

Vacancy number
60240

Deadline
01/08/2018

Apply online

<https://ssl1.peoplexs.com/Peoplexs22/CandidatesPortalNoLogin/ApplicationForm.cfm?VacatureID=975914&PortalID=1967>