



Assistant Professor

in automatic control

The Department of Signals and System, at Chalmers, are looking for an assistant professor in automatic control.

At the Department of Signals and Systems, we conduct world leading research in biomedical engineering, antennas and signal processing, control, automation and mechatronics, and communication systems.

The activities in automatic control are centred on the fundamental concepts of dynamic systems and feedback. Properties of dynamic systems models are of interest to understand phenomena in the technical apparatus or the industrial processes which they describe. To operate the system in a more favourable way often means incorporating feedback based on optimization and other principles. Our research is quite often application driven, currently towards e.g. automotive and process control, but we stress that it should encompass important aspects on methodology. However, the announced position is not tied to any specific topic within automatic control.

Job description

The position as assistant professor is a full-time position, preparing for future research assignments in academia or elsewhere. Assistant professors are expected to attain the docent level during the latter part of the four-year position. The employment consists of two two-year contracts. After the first two years, a performance evaluation is carried out.

As assistant professor, you are expected to be involved in PhD student advising, and in supervision of MSc thesis workers. You are also expected to be active in your own research and to prepare applications for new projects, as well as to promote the continuation of ongoing projects. Lecturing at

the bachelors and/or masters levels is also included in the position, although normally not more than about 20% of total working time is devoted to undergraduate teaching.

Chalmers University of Technology offers an attractive working environment which is distinguished by a strive to be free from discrimination and give equal rights for everybody.

Qualifications

To be qualified, the applicant must have a PhD degree in automatic control, normally obtained during the last five years, and documented pedagogical experience in this field. Experience from research within academia or qualified research and development within industry is valued.

The undergraduates are normally taught in Swedish; however the graduate level teaching is in English. Good English language skills are required.

For more information, please contact

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The application shall be made electronically at:
<http://www.chalmers.se/en/sections/news/vacancies>
Application deadline 2010-04-19, ref no. 2010/48

Chalmers University of Technology conducts research and education in engineering sciences, architecture, technology-related mathematical sciences, natural and nautical sciences – in close collaboration with industry and society. The aim is to make an active contribution to a sustainable future. Chalmers has about 10,000 students and 2,200 employees. New knowledge and improved technology has characterised Chalmers since its foundation in 1829 in accordance with the testament of William Chalmers, and his motto: Avancez

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