



## News

### PhD Student Positions in Automatic Control

**The Automatic Control Laboratory at the School of Electrical Engineering, KTH, invites applications for up to 6 PhD student positions.**

- Control of communication networks
- Control of networked computer systems
- Control over wireless networks
- Monitoring and fault detection
- System identification and experiment design
- Model approximation and reduction

The laboratory has major research efforts in networked control systems and control of communication and multi-agent networks through EU projects and projects supported by the Swedish Research Council (VR), Swedish Governmental Agency for Innovation Systems (VINNOVA), and Swedish Foundation for Strategic Research (SSF), including the Linnaeus Center ACCESS (Autonomic Complex Communication Networks, Signals and Systems).

We have strong competence in basic research in modeling, identification and control, where we are looking for PhD candidates with an interest in mathematics, estimation and control theory for our VR projects in this area.

As a PhD student in the Automatic Control Laboratory you will work in a young and dynamic research environment with an extensive international network. The research group focuses on developing future generations of networked control and sensor systems within several national and European research projects. It has also a strong theoretical competence in modeling, identification, detection and control. The laboratory is a partner of the Centre for Autonomous Systems at KTH, which focuses on robotic research in a broad sense. External collaborators include UC Berkeley, Caltech, ETH and Stanford, as well as GM, ABB, Ericsson, FOI and Scania. The research is interdisciplinary, and involves both theoretical and practical challenges.

#### ***Qualifications***

We seek highly motivated individuals holding an MSc degree in electrical engineering, engineering physics, computer science or similar. The candidates should have excellent grades and very good skills in oral and written communication. They should be ready to contribute to a scientific research area of major importance for Swedish industry and society in general. The positions include up to twenty percent teaching at undergraduate level.

KTH aims to employ a diversity of talent and thus welcomes applicants who will add to the variety of the University, especially as concerns its gender structure.

### ***Employment***

The PhD positions are intended for you who will pursue your own doctoral studies. The position will include about 80% research and 20% teaching assistance. The salary is based on the existing employment agreement for PhD position at the School of Electrical Engineering.

### ***Application***

The application, with curriculum vitae, final grades, and a short description of future professional objectives should be sent as a hardcopy or electronically submitted to

- [control-phd08@ee.kth.se](mailto:control-phd08@ee.kth.se)

KTH  
School of Electrical Engineering  
Osquldas väg 10  
100 44 STOCKHOLM  
SWEDEN

**Latest date for submission of application: 2008-03-31**

**Quote the following reference number: E-2008- 0065**

For more information about the position, please contact:

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More information about the Automatic Control Laboratory can be found at

- <http://www.ee.kth.se/control>