

PhD student position in the Doctoral Programme in Mathematics
at the Division of Optimization and Systems Theory,
Department of Mathematics, Royal Institute of Technology (KTH), Stockholm

KTH is the largest technical university in Sweden. Education and research cover a broad spectrum within natural sciences and engineering, as well as architecture, industrial engineering and management, urban planning, work science and environmental engineering. There are circa 12,000 full-year undergraduate students, 1,400 postgraduate students and 3,100 employees.

The School of Engineering Sciences carries out a wide range of research at the international front line, from fundamental disciplines such as physics and mathematics, to engineering mechanics with applications such as aeronautics and vehicle engineering. We also offer University degree programs in Engineering Physics, Vehicle Engineering, 'Engineering and Education', and 'Open Entrance', as well as a number of International Masters Programs. For more information about the School of Engineering Sciences please visit http://www.kth.se/sci?l=en_UK

The Division of Optimization and Systems Theory within the Department of Mathematics offers a position as a PhD student in the research area of Mathematical Control Theory. Optimization and Systems Theory is a discipline in applicable mathematics in which theory and methods are developed for a broad range of applications in control, logistics, planning, and signal processing. Certain departmental duties are included in the employment, such as teaching up to 20% of the time over the whole period of employment. The salary is determined by the collective agreement for PhD students, and the employment is time limited to five years.

Qualifications: We seek a person with a strong background in mathematics (in particular in analysis), with an interest in control theory. The successful applicant should also be highly motivated, should have the ability to work independently and should have good communication skills.

Employment: The employment starts 2011-09-01 or as agreed upon.

Application deadline: 2011-05-13

Application procedure:

Please quote the reference number S-2011-0290 in your application.

The application should include:

- curriculum vitae
- a copy of grades
- a covering letter.

The application should be sent by mail to:

Maria Axelsson,

Department of Mathematics, Royal Institute of Technology (KTH),
100 44 Stockholm, Sweden.

For more information about the position, please contact:

Dr. Amol Sasane

(Associate Professor, Phone: +46 8 7907320 ; E-mail: sasane@math.kth.se)

Union representative:

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