

Kristian Soltész  
Domherrevägen 3 lgh 1401  
227 31 Lund  
Sweden

Born: 5/5-1984, Nationality: Swedish  
Phone: +46 (0)70 3952522  
kristian@control.lth.se  
<http://www.control.lth.se/>  
KristianSoltesz

**Education**

*PhD in Automatic Control* 2008–2013  
Dept. of Automatic Control, Lund University, Lund, Sweden  
Thesis title: *On Automation in Anesthesia*. Work involved 40 % research, 40 % course studies and 20 % teaching with graduation in less than nominal time.

*Research Visits* 2010–2013  
ECEM, University of British Columbia, Vancouver, Canada  
Research on control of anesthesia. The work was conducted at the Electrical and Computer Engineering for Medicine (ECEM) Laboratory during several visits.

*Graduate Courses* 2007  
California Institute of Technology, Pasadena, USA  
Two research courses in automatic control.

*Master Degree in Eng. Physics* 2003–2008  
Lund University, Lund, Sweden  
GPA 5.0 (5.0).

**Publications**

[http://www.control.lth.se/Staff/KristianSoltesz/KS\\_Publications.html](http://www.control.lth.se/Staff/KristianSoltesz/KS_Publications.html)

**Language Skills**

- Swedish, native language
- English, fluent in speaking and writing
- German, almost fluent in speaking and writing
- Hungarian, second native language
- Latin, two years of high school studies

**Awards and Scholarships**

Hans Werthén post doc grant 2014, Editor’s Choice Article in J. Ped. Anesthesia September 2013, Fysiografiska Sällskapet travel stipend 2013, Sweden-America Foundation 2010, Anna Whitlock Memorial Foundation 2008, Lund University Stipend 2008, Lund City Anniversary Foundation 2008, Bjerker Karl Stipend Trust, Lund Academic Foundation 2007, California Institute of Technology SURF Stipend 2007, H.T. Cedergrens Foundation 2007, Eng. Hakan Hanssons Foundation 2007, Lund University Stipend 2007, McKinsey & Co. Awards, finalist 2007, Lund Academic Foundation 2006, Lund University Stipend 2006, Lund University Stipend 2005, Michael Hansen Foundation 2004, Nils Al-

berg Stipend Foundation 2003, Nils & Anna Jönsson Stipend Fund 2003, Lector  
Forsström Fund 2003, Ljungdahl Fund 2002

<b>Work Experience</b>	<i>Post doc</i>	2015–
	Dept. of Automatic Control, Lund University, Lund, Sweden Research within automatic controller tuning and closed-loop control of biomedical systems. Other activities include teaching and pedagogic development.	
	<i>Company Co-founder</i>	2014–
	AB benoso, Lund, Sweden One of three co-founders of engineering consultancy bureau AB benoso. Currently one full-time and two part-time employed engineers.	
	<i>University Lecturer</i>	2012
	Zhejiang University, Hangzhou, China Lecturer and course responsible for an automatic control course (6 weeks). The course was taken by Chinese students from Zhejiang University and Swedish exchange Master students from Lund University (total 38).	
	<i>Upper Secondary School Teacher</i>	2011
	Katedralskolan, Lund, Sweden Substitute physics teacher for grades one to three within the Natural Science (Swedish) and International Baccalaureate (English) programs.	
	<i>Teaching Assistant</i>	2005–2008
	Lund University, Faculty of Engineering (LTH), Lund, Sweden Tasks have included leading class and laboratory sessions as well as devising and marking handout exercises and exams at the following departments (courses): Automatic Control (Automatic Control Basic Course, Systems Engineering), Computer Science (Algorithms and Data Structures), Engineering Mechanics (Technical Mechanics), Information Technology (Computer Organization).	
<i>Vågfront (Private Venture)</i>	2005–2008	
Lund, Sweden Assignments in under water photography and diver education from beginner-to professional level.		
<i>Skånes Klätterklubb (Climbing Gym)</i>	2006–2009	
Lund, Sweden Volunteer work, introducing child groups to rock climbing.		
<i>Dykterminalen (Dive Center)</i>	2002–2008	
Lund and Malmö, Sweden Instructing diver training and guiding groups both in Sweden and abroad.		
<i>Region Skåne USiL (Hospital)</i>	2003–2007	
Lund, Sweden Employed as assistant clerk with assignments including data base and computer maintainance.		