

Academic Appointments

Lund University, Faculty of Engineering, Lund, Sweden (Starting Jan 2021)
Department of Automatic Control
Senior Lecturer
Wallenberg AI, Autonomous Systems and Software Program (WASP) professorship

Massachusetts Institute of Technology, Cambridge, MA Aug 2019 – Dec 2020
Institute for Data, Systems, and Society (IDSS)
Postdoctoral Research Fellow
Swedish Research Council International Postdoc Grant
Host: Prof. Ali Jadbabaie, Co-host: Prof. Munther Dahleh

Education

Ph.D. in Electrical Engineering Sep 2014 – Jan 2019
KTH Royal Institute of Technology, Stockholm, Sweden
Division of Decision and Control Systems
Thesis title: *Fundamental limitations of distributed feedback control in large-scale networks*
Advisor: Prof. Henrik Sandberg, Co-advisor: Prof. Karl H. Johansson

M.Sc. in Engineering Physics Aug 2008* – Jun 2013
KTH Royal Institute of Technology, Stockholm, Sweden
B.Sc. in Engineering Physics, 2011
*2008-2009: exchange studies at Berlin Institute of Technology, Berlin, Germany

Industry experience

Ericsson Strategic Programs Practice, Stockholm, Sweden Aug 2013 – Sep 2014
Business analyst
Worked with long-term corporate strategy, particularly for business verticals, including smart grid and transportation segments

Scandinavian Risk Solutions, Stockholm, Sweden Aug 2009 – Feb 2013
Consultant, part-time
Performed analyses for information security and business intelligence projects

ABB FACTS (Flexible AC Transmission Systems), Västerås, Sweden Jun - Aug 2012
Intern
Developed dimensioning tool for grid-scale battery-based energy storage system

ABB Sustainable Talent Program, Västerås, Sweden Jan - May 2012
Participant in leadership and mentoring program
Participated in competitive talent program, which included leadership training.

Extended international research visits

University of Newcastle, Newcastle, NSW, Australia 2019
Host: Richard H. Middleton, Maria Seron. Sponsored by the University of Newcastle. 4 weeks.

UC Santa Barbara , Santa Barbara, CA	2015, 2017
Advisor: Bassam Bamieh. Sponsored by KTH, ACCESS Linnaeus Centre. 4 months.	
Johns Hopkins University , Baltimore, MD	2013
Advisor: Dennice F. Gayme. Sponsored by the Johns Hopkins University. 6 months.	
California Institute of Technology , Pasadena, CA	2011
Advisors: Steven Low, Dennice F. Gayme. Sponsored by Caltech SURF program. 10 weeks.	

Teaching and supervision

Doctoral student supervision

Jonas Hansson: (as main supervisor, co-supervisor: Anders Rantzer). Aug 2020 - ongoing.

Taouba Jouini: (as co-supervisor, main supervisor: Anders Rantzer). Aug 2020 - ongoing.

Teaching in first and second cycle, as *teaching assistant*

Hacking the Future: The Fall of COVID (second cycle, project course), MIT, Fall 2020.

Automatic Control, General Course (first cycle), KTH, 4 rounds 2015-2018.

Automatic Control, General Course (second cycle, project course) KTH, 2 rounds 2015-2016.

Awards and Fellowships

Swedish Research Council International Postdoc Grant, 2019

Foundation Blanceflor Boncompagni Ludovisi, née Bildt postdoc stipend, 2019, 2020

Sweden-America Foundation postdoctoral fellowship, 2019

Cambridge Philosophical Society Isaac Newton Bursary, 2019

Xylem award for best M.Sc. Thesis in Electrical, Mechanical or Industrial Engineering, KTH, 2013

Travel awards: Wallenberg foundation 2017, Lindstrand foundation 2017

Other

Service

Technical reviewer: *Certificate of outstanding service as a Reviewer*, IEEE Control Systems Letters, 2018. Reviewed for IEEE Trans. on Automatic Control / Control of Network Systems / Power Systems / Smart Grids, Automatica, IEEE Control Systems Letters, Systems & Control Letters + more.

Technical Program Council: *IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids (SmartGridComm) 2020*

Conference/workshop organization: Chair, *Paths from research to impact: A year of collaborative research on COVID-19*, MIT, April 2021 (upcoming)

Publicity Chair, *European Control Conference*, Stockholm 2024 (upcoming)

Invited talks and seminars

Invited speaker: Special session on COVID 19, *IEEE Conf. on Decision and Control, 2020*.

Satellite workshop on Complexity in Energy Systems, *Conference on Complex Systems, 2020*

Invited research seminars: 2019: UW Madison, University of Newcastle, CNRS Grenoble, Johns Hopkins University, MIT. **2018:** Hong Kong University, Lund University. **2017:** University of Melbourne, UC Santa Barbara, University of Southern California. **2016:** Tufts University.

Publications

[Link to Google Scholar profile](#)