

CURRICULUM VITÆ OF CHARLOTTA JOHNSON

As of 2011-03


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Personal Data

Full name	Inger Charlotta Johnsson	
Born	September 6, 1970	
Citizenship	Swedish	
Civil Status	Married, three children (1999, 2001, 2007)	

Exams

- **Ph.D.** in Automatic Control, Lund University, Sweden, March 25, 1999.
Title: A Graphical Language for Batch Control
- **Teknologie Licentiate** in Automatic Control, Lund University, Sweden, June 6, 1997.
Title: Recipe-Based Batch Control Using High-Level Grafchart.
- **M.Sc.** in Electrical Engineering, Lund University, Sweden, August 1993.
- **Erasmus Student** (exchange student) at Institut National Polytechnique de Grenoble, France, 1992 – 1993.

Employments

- Associate professor, Department of Automatic Control, Lund University, 2007-present
- Senior Research Associate, Dept. of Automatic Control. Lund University, 2004–2007
- Product Manager, Siemens Orsi Automation SpA, 2002–2004
- System Architect, Siemens Orsi Automation SpA / Orsi Automazione SpA, 2000–2002
- PhD student, Dept. of Automatic Control, Lund University, 1993–1999.

PhD Supervision

- Anna Lindholm "Upset Management – Developing Methods for Handling Plant-wide Disturbances", 2009-present
- Alfred Theorin, "Graphical Languages for Automation", 2010-present
- Ola Johnsson, "Fed-batch control", 2010-present

Research Profile

My research as always been driven by industrial needs and interest. I started my career as a PhD-student in 1993, the research was then focused on Graphical Programming Languages for Discrete Event systems and Batch Control Applications. After dissertation (1999) I left university for almost 5 years and worked in industry for Orsi Automazione SpA and Siemens in Italy. Back at the university in 2004 I continued to look at Graphical Programming Languages, for basic control applications as well as for MOS (Manufacturing Operations Systems). I am interested in programming constructs suitable

for the MOS domain. My research also led me to the Process Industry where my research is focused on reduction of plant-wide disturbances in utilities and on fed-batch control.

Teaching profile

I have always enjoyed teaching and being among students. This has also resulted in a position (10%) at the pedagogical group within the engineering faculty (2008-2010), as well as a position as Program Leader (20%) for the Technology Management program (2009-present). Most fascinating is to see the students' motivation and driving force, how much they can learn and what excellent work they can perform. I have experience in teaching undergraduate and graduate students as well as industry representatives (groups from 3-4 up to 200 attendees) in both semester courses and day-seminars.

I have supervised/examined around 25 Master Theses projects.

Publications

- 1 PhD thesis and 1 licentiate thesis.
- 2 book chapters.
- 8 articles in refereed international journals and books/reports.
- 42 papers at international conferences (peer-reviewed).
- 9 other publications (reports, whitepapers, press-articles, etc)
- Out of these publications 8 are focused on pedagogical issues.

Teaching (Courses given)

- Marknadsstyrda system (MSS), FRTN20. Spring 2011 and 2010.
 - Course responsible
- International projects in Automatic Control, FRT100. Spring 2011.
- Teknik, Strategi och Struktur (TSS) TMA010. Spring 2011, 2010, 2009, 2008, 2007, 2006 and 2005.
 - I have been involved as one out of 5 teachers
- Projektledarskap-1 (PL-1), TMA037. Spring 2011 and 2010.
 - I have been involved as 1 out of 4 teachers
- Projektledarskap-2 (PL-2), XXX. Fall 2010.
- Högskolepedagogisk introduktionskurs. Fall 2010, 2009 and 2008.
- Systemteknik, FRT081. Spring 2006, 2005, and 2004
- Processreglering FRT081. Fall 2005 and 2004.
- Industrikurs för SigmaExallon, fall 2000
- Various courses from the Dept. of Automatic Control while being a PhD student, 1993-1999.
- The course "Ellära" while being a MSc student, 1989-1993.

Learning (Courses taken)

- ProMoFo (Program för Morgondagens forskningsledare, Lunds Universitet), 2010-2012.
- AKKA (Ledarskapsprogram för kvinnor inom Lunds Universitet), 2004-2006.
- Kvinnor, Män och Teknik, fall 2006.
- Readership course (docentkurs), fall 2006.
- Den goda föreläsningen (A successful lecturing), fall 2005.
- Pedagogisk inspirationskurs, fall 2004.
- Organisation, fall 2004.
- Economy, fall 2004.

Assignments, Achievements and Awards

- Program Leader Technology Management, Lund University, 2009-present
- Pedagogical consultant, Genombrottet, Lund University, 2008-2010.
- Boardmember WBF, April 2005 – present

- Parliamentarian WBF, April 2005 – June 2006
- Treasurer WBF, June 2006 – June 2008
- Trustee WBF, June 2008 – June 2010
- Director of European Operations WBF, April 2004 – present.
- Director of the Educational Committee WBF, April 2001 – April 2004
- Conference co-chair, WBF EU Conference, Brussels, Belgium, Fall 2004.
- Conference chair, WBF EU Conference, Brussels, Belgium, Fall 2006.
- Conference chair, WBF EU Conference, Barcelona, Spain, Fall 2008.
- Chairman of the Educational Committee within ISA District 12 (Europe/ Russia/ Middle East/ Africa), January 2004 – present.
- Voting member ISA S95 Committee, August 2001 - present.
- Member in ISA S95 committee, January 2001 – present.
- Member in ISA S88 committee, January 2004 – present.
- Member in ISA S99 committee, January 2004 – present.
- Swedish expert in ISO/IEC JWG5, February 2002-present
- Member in SEK, ISA, SIS and CEI
- Alice Wallenbergs Scholarship for newly graduated PhD women, 2001
- Trollhättans scholarship 1996

Language Skills

Swedish (native), English (fluent), Italian (fluent), French (good) and German (initial).

Miscellaneous

I love to be with my family; my husband and our three kids.

I also like to be physically active, and when time permits, I run and I do aerobics.

In wintertime I ski, both downhill and cross country.

When I was younger I did a lot of gymnastics and I was also responsible for a training of a group of younger girls (1986 – 1989).

I have a swimming training certificate.

I performed French language studies (summer –91, summer –92 and fall –92), Italian language studies (fall –00 and spring –01) and German language studies (spring -01).

I am interested in other cultures and I like to travel and visit different countries.

References

For references, please contact me and I will provide you with reference persons to contact.

Further information

If you would like to have more information about me, please, do not hesitate to contact me.

Lund, Sweden, March 2011

Charlotta Johnsson

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