

CURRICULUM VITÆ OF CHARLOTTA JOHNSON

As of 2018-11

I have the privilege to work in academia with a strong connection to industry, a possibility that I am grateful for. I want my work to be theoretically fascinating, practically stimulating and personally engaging!

Personal Data

Full name Inger Charlotta Johnsonson
Born September 6, 1970
Citizenship Swedish
Civil Status Married, three children (1999, 2001, 2007)
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Academic Degrees and Education

2018 **Professor** in Automatic Control, Lund University, Sweden.
2011 **Docent** (British: Reader) in Automatic Control, Lund University, Sweden.
2011 **Excellent Teaching Practitioner (ETP) diploma**, Lund University, Sweden.
1999 **Ph.D.** in Automatic Control, Lund University, Sweden.
1997 **Teknologie Licentiate** in Automatic Control, Lund University, Sweden.
1993 **M.Sc.** in Electrical Engineering, Lund University, Sweden.

Positions held and leaves of absence

2018 - present **Professor** Dept. of Automatic Control, Lund University, Sweden
2018 - present **Chair ISO TC184/SC5**, International Organization for Standardization
2017 - present **Vice Dean LTH** special focus Innovation and Collaboration, LTH, Lund University, Sweden
2017 - 2018 **Chair-elect ISO TC184/SC5**, International Organization for Standardization
2007 - 2018 **Associate Professor**, Dept. of Automatic Control, Lund University, Sweden
2009 - 2015 **Program Director**, Technology Management programme, Lund University
2008 - 2012 **Pedagogical consultant**, Genombrottet, LTH, Lund university, Sweden
2007 - 2008 **Parental leave** third child (15 months)
2004 - 2007 **Senior Research Associate**, Dept. of Automatic Control. Lund University
2002 - 2004 **Product Manager**, Siemens Orsi Automation SpA, Genova, Italy
2001 **Parental leave** second child (7 months)
2000 - 2002 **System Architect**, Siemens / Orsi Automazione SpA, Genova, Italy
1999 **Parental leave** with first child (9 months)
1993 - 1999 **PhD student**, Dept. of Automatic Control, Lund University, Sweden

International visits and experiences

2013 - 2014 **Visiting scholar** at UC Berkeley, Center for Entrepreneurship and Technology, Fung Institute, UC Berkeley, CA, USA (12 months)
2012 **Adjunct Professor** at Control Science and Eng., Zhejiang University, Hangzhou, China (2 months)
2000 - 2004 **Industrial experience**, working at Siemens Orsi Automation SpA / Orsi Automazione SpA, Genova, Italy (4.5 years)
1995 **Visiting PhD student** at Chemical Eng., Purdue University, IN, USA (3 months)
1992 - 1993 **Erasmus Student** at Institut National Polytechnique de Grenoble, France (1 year).

Scientific merits

Research interests: My research as always been driven by my own curiosity combined with industrial needs and interest. Today my research focuses on Operation Management, Smart Manufacturing, Digitalization and Operational Metrics. Smart Manufacturing and Digitalization includes topics such as interoperability and robotics. During the last 20 years, I have been involved in the development of industrial standards; ISA95 and IEC 62264 (MOM), ISA88 (Batch) and ISO 22400 (KPIs). I am also the Chair of ISO TC184/SC5 (Industrial Automation/Interoperability, integration and architectures for Enterprise Systems and Automation Applications). I also have broad research interests in the domains of; Technology Management-Engineering Leadership, Innovation-Entrepreneurship, and Teaching and Learning in Higher Education. I like cross-disciplinary work and to collaborate with peers from various research fields and industries.

Publications: I have published PhD and Licentiate thesis, 8 book chapters, 20+ journal papers and more than 75 conference papers (peer reviewed). I have also published several reports, whitepapers and articles in press.

PhD supervision

Ongoing PhD students as main/co-supervisor: Martin Karlsson (PhD scheduled 2019)

Graduated PhDs as main supervisor: Alfred Theorin (2014), Anna Lindholm (2013)

Graduated PhDs as co-supervisor: Ola Johnsson (PhD 2016), Kristian Soltesz (2013)

Supervised PhD-students: Jacob Mejvik (2016-2017)

Selected Awards

2016	Elected into Process Automation Hall of Fame by Control Global
2014	Scholarship from Familjen Knut och Ragnvi Jacobsons stiftelse (entrepreneurship)
2012	Dr Guido Carlo-Stella Award in Manufacturing Automation from World Batch Forum
2001	Knut and Alice Wallenberg's scholarship for newly graduated women

Teaching and learning merits

I have participated in several professional development programs e.g.; Understanding Group and Leader, UGL (2016), Engineering Leadership Professional Programme at UC Berkeley (2014), gender issues in education (2006), academic leadership, AKKA (2004), leading research (2011), economics and organizations (2005).

Undergraduate teaching and supervision: I have been program director for the Technology Management (master) program. I have supervised more than 50 M.Sc. thesis projects and served as course responsible for multiple courses.

Leadership merits

Vice Dean LTH for Collaborations and Innovation; The role as Vice Dean at LTH for Collaborations and Innovation includes building and strengthening the innovative culture at LTH, as well as initiating and supporting collaboration activities with the surrounding society and industries. The vice dean is part of LTH's management team and is also the link to Lund University collaboration and Innovation activities.

Chair for ISO TC184/SC5; ISO is a well-recognized international body for standardization. TC184 (industrial automation and integration) and SC5 (Interoperability, integration and architectures for enterprise systems and automation applications) constitute important bodies for the work related to Smart Manufacturing. SC5 has 10+ members (countries), and is divided in 10+ working groups, each group working on one or many ISO standards.

Selected board positions: Board member of EFL (2018-present), Innovation Skåne AB (2018-present) and Novotek AB (2017-present). Board member of SESAM Sweden (co-founder, 2011-present) and WBF (Treasurer, European Director, Trustee, 2001-2012). Steering committee member Production Technology West at University West, Trollhättan (2013-present), Member in SmartFactory, DFKI, Kaiserslautern, Germany (2013-present). Also board or steering committee member for numerous research projects and educational programs e.g. LCCC, Vinnova-PiiA, and Technology Management.

Entrepreneurial experience, industrial collaborations, and public outreach

Startup experience; BlueGlueMedia (2015-2016), SiteMinder AB (2015-present) and LogoFlex (2015-present, enskild firma), CJ-consulting (2004-2015, enskild firma).

Collaborations with industry and society: I believe it is important to stay in touch with national and international industries and organizations. I am currently active in several networks and organizations, e.g; Sesam-Sweden (co-founder), MESA, ISO and IEC (national expert), IFAC, ISA, etc. I am also involved in Global Venture Lab at UC Berkeley and European Innovation Academy. I am chair-elect for ISO TC184/SC5 (strongly connected to Smart Manufacturing).

Selected invited presentations: Keynote speaker at Medicinteknikdagarna, Umeå 2018 and SPACE EU conference, Denmark 2018 and Portugal 2017. Keynote speaker at European Conference on Innovation and Entrepreneurship, Finland, 2016. Invited speaker NIST, USA, 2014. Various industrial conferences.

Other information

I consider continued education and lifelong learning as an important factor of your professional and personal development. I speak Swedish (native), English (fluent), Italian (good), French (good) and German (initial). I like to travel and learn about different cultures. I like skiing (downhill and cross-country), playing tennis and running. I value time spent with my husband and our three kids, as well as with friends and relatives.