

CURRICULUM VITÆ OF CHARLOTTA JOHNSON

As of 2021-01

I have the privilege to work in academia keeping a strong connection to industry and society. 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

2021 - present **Rector Campus Helsingborg**, Lund University, Sweden
2018 - present **Professor** Dept. of Automatic Control, Lund University, Sweden
2018 - present **Chair ISO TC184/SC5**, International Organization for Standardization
2017 - 2020 **Vice Dean LTH** Innovation and Collaboration, LTH, Lund University
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 **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

Board positions

2021-present **Campus Vänner**, a foundation with an aim to strengthen the link between students and worklife.
2018 - present **Executive Foundation Lund (EFL)**, a foundation with an aim to develop people that develop organizations, www.efl.se
2018 - present **Innovation Skåne AB**, a regional innovation company with an aim to contribute to future public service and regional growth through innovation, www.innovationskane.com
2017- present **Novotek AB**, an international company providing solutions in the area of industrial IT and automation, headquarter in Sweden, www.novotek.com
2015-present **SiteMinder AB**, a consulting firm with focus on SmartManufacturing, Industry4.0, Industrial digitalization and Manufacturing Operations, www.siteminder.se

Management positions

2021 - present **X-Lab (Director)**, a Makerspace at LTH open for students and employees.
2017-2020 **Vice Dean LTH**, focus on Innovation and Collaboration
2011 - 2019 **Sesam-Sverige (co-founder)**, a network organization for automation and industrial IT.
2001 - 2012 **World Batch Forum (Treasurer, European Director, Trustee)**, a branch organization for production operations, headquartered in North Carolina USA. Today WBF is part of MESA
2013-2019 **Production Technology West** at University West, Trollhättan, steering committee member

2013-present **Smart Factory**, DFKI, Kaiserslautern, Germany, Member
ongoing Steering committee member for numerous research projects and educational programs,
including LU Innovation and Circle.

International visits and experiences

2013 - 2014 **Visiting scholar** at UC Berkeley, SCET/Fung Institute, UC Berkeley, CA, USA (12 months)
2012 **Adjunct prof.** Control Science and Eng., Zhejiang University, Hangzhou, China (2 months)
2000 - 2004 **Industrial experience**, working at Siemens and Orsi Automation, 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 has 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 include topics such as e.g. interoperability and robotics. During the last 20 years, I have been involved in the development of several international and industrial ISO and IEC standards. 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, and has been a keynote speaker at industry and academic conferences.

PhD supervision

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 Mevik (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.; Styrelseutbildning (2019), Understanding Group and Leader, UGL (2016), Engineering Leadership Professional Programme at UC Berkeley (2014), leading research (2011), gender issues in education (2006), economics and organizations (2005), academic leadership, AKKA (2004).

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

Rector Campus Helsingborg; Campus Helsingborg is part of Lund University and located in Helsingborg (40km north of Lund). The campus has approximately 4 000 students, 13 bachelor programs and 7 master programs and several courses. Many of the faculties at Lund university are present at Campus Helsingborg. Rector for Campus Helsingborg is part of the Lund University "Rektors Ledningsråd"

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 industry. The vice dean is part of LTH's management team and is also the link to Lund University's 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 work related to Smart Manufacturing. SC5 has 10+ member-countries, and is divided in 10+ working groups, each group is developing one or more ISO standards.

Program Director LTH Technology Management; Technology Management is a cross-disciplinary two-year master program at Lund University combining Technology and Management. The role as program director includes responsibility for the overall curricula for the program, enrollment to the program (40 students per year) and continuous development.

Entrepreneurial experience, industrial collaborations, and public outreach

Startup experience; SiteMinder AB (2015-present), LogoFlex (2015-present, enskild firma), BlueGlueMedia (2015-2016), 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 active in several networks and organizations, e.g; Sesam-Sweden, MESA, ISO and IEC, IFAC, ISA, etc. I am also involved in Global Venture Lab at UC Berkeley and European Innovation Academy. I am chair of ISO TC184/SC5.

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 at e.g. UC Berkeley, USA (2019), NIST USA (2014) and 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.
