PUBLICATION LIST for Charlotta Johnsson
As of 2015-09

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Publication summary:
- 1 PhD thesis and 1 licentiate thesis.
- 20+ articles in refereed international journals and books/reports.
- 70+ papers at international conferences (peer-reviewed).
  - Out of these publications 15+ are focused on pedagogical issues.
  - Out of these publications 25+ have cross-disciplinary co-authors.
  - Out of these publications 10+ have an innovation focus
  - Out of these publications 10+ have co-authors from industry.
- 20+ other publications (reports, whitepapers, press-articles, etc)
- 20+ invited presentations, mainly within industry.

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Monographs
1. Johnsson. C. (1999): "A Graphical Language for Batch Control", Ph.D. thesis, ISRN LUTFD2/TFRT—1051—SE, Department of Automatic Control, Lund Institute of Technology, Sweden, March 25, 1999.
2. Johnsson C., (1997): "Recipe-Based Batch Control Using High-Level Grafchart", Licentiate thesis, ISRN LUTFD2/TFRT—3217—SE, Department of Automatic Control, Lund Institute of Technology, Sweden, June 6, 1997.

Books and Book Chapters (peer reviewed):
1. Theorin A., Ollinger L., Johnsson C. (2013): "Service-oriented Process Control with Grafchart and the Devices Profile for Web Services", *Published in Springer Series: Studies in Computational Intelligence (SCI), book Title:: Service Orientation in Holonic and Multi-agent Manufacturing and Robotics, Springer, chapter 14, p. 213-228, ISBN 978-3-642-35852-4. January 2013.*
2. Gerber T., Bosch H.-C., Johnsson C., (2012): "Vertical Integration of decision relevant production information into IT-Systems of manufacturing companies", *Published in Springer Series: Studies in Computational Intelligence (SCI), book Title: Service Orientation in Holonic and Multi Agent Manufacturing and Robotics, chapter 18, p. 262-278, ISBN 978-3-642-35852-4.*
3. Granqvist I., Hedberg F., Nilsson E., Skjutar K., Torstensson P., and Johnsson C., (2012): "Quantifying the benefits of a Manufacturing Execution System Implementation", *Submitted for publication to MESA ROI Best Practice Book.*
4. Johnsson C., (2010): "Graphical Languages for Enterprise Control", *Published in New trends in Technologies, ISBN 978-953-307-213-5, SCIYO, 2010*
5. Johnsson C. (2008): "Doktoranders väg mot disputationen – institutionens gemensamma ansvar"*, Published in Osynligt och Självklart: en antologi med exempel på ledarskap i undervisning och lärande i högre utbildning", ISBN 978-91-977974-0-5, Media-tryck, Lund, 2008*

Reviewed Journal Paper (peer reviewed):
1. Sidhu I., Johnsson C., Singer K., Suoranta M. (2015): "A Game-based Method for Teaching Entrepreneurship", Applied Innovation Review, Issue 1 pp. 51-65, June 2015.
2. Lu S., SU H., Johnsson C., Wang Y., Xie L. (2015, accepted): "Modelling and Optimization Methods of Integrated Production Planning for Steel Plate Mill with Flexible Customization", *Chinese Journal of Chemical Engineering.*

3. Johnsson C, Nilsson C.-H., (2015): "Mixing Engineering, Business and Design Students in an International Cross-Disciplinary Course on Innovation", Applied Innovation Review, Issue 1, pp. 66-75, June 2015.

4. *Johnsson O., Andersson J., Liden G., Johnsson C., Hägglund T., (2013): "Modelling of the oxygen level response to feed rate perturbations in an industrial scale fermentation process", Process Biochemistry 50 50:4, pp. 507–516, 2015.*

5. *Gerber T., Theorin A., Johnsson C. (2013): "Towards a seamless integration between process modeling descriptions at Business and Production levels - work in progress", Journal of Intelligent Manufacturing, Springer, 25:5, pp. 1089–1099, 2014.*

6. Johnsson O., Andersson J., Liden G., Johnsson C., Hägglund T., (2013): "Feed rate control in fed-batch fermentations based on frequency content analysis", *Biotechnology Progress (Wiley) 29:3, pp 817-824, June 2013.*

7. *Lindholm A. and Johnsson C. (2013): "Plant-Wide Utility Disturbance Management in the Process Industry", Computers and Chemical Engineering, Vol. 49, p. 146-157, February 2013.*

8. Johnsson C., Erlingsdottir G., Nilsson F., Nilsson C.-H., Ahlsen G. (2013): "Metacognition and Learning Journals in Higher Education", *International Journal of Economics and Management Engineering, 3:4, pp.152-159, 2013.*

9. Johnsson O., Andersson J., Johnsson C., Liden G., Hägglund T. (2012): "A novel feeding strategy for industrial fed-batch processes based on frequency content analysis", *New Biotechnology 29:S11, 2012.*

10. *Johnsson C (2004): "Who benefits from ISA-95? Published in ISA InTech 51:11, pp40, November 2004.*

11. Johnsson C. and Arzen K.-E. (1998): "On Batch Recipe Structures Using High-Level Grafchart", *Published in European Journal of Automation, Vol. 32, nr 9-10, p. 1139-1163.*

12. Johnsson C. and Arzen K.-E. (1998): "Grafchart for Recipe-Based Batch Control", *Published in Computers and Chemical Engineering, Volume 22, nr 12, p. 1811-1828.*

13. Johnsson C., Viswanathan S., Srinivasan R., Venkatasubramanian V., and Arzen K.-E. (1998): "Automating Operating Procedure Synthesis for Batch Processes: Part 2. Algorithms and Application". *Published in Computers and Chemical Engineering, Volume 22, nr 11, p. 1687-1698.*

14. Viswanathan S., Johnsson C., Srinivasan R., Venkatasubramanian V., and Arzen K.-E. (1998): " Automating Operating Procedure Synthesis for Batch Processes: Part 1. Knowledge Representation and Planning Framework", *Published in Computers and Chemical Engineering, Volume 22, nr 11, p. 1673-1685.*

15. Simensen J., Johnsson C. and Årzén K.-E. (1997): "A Multiple-View Batch Plant Information Model". *Published in Computers and Chemical Enginering, Volume 21, 1997.*

16. Arzen K.-E. and Johnsson C. (1996): "Object-oriented SFC and ISA-S88.01 recipes", *Published in ISA Transactions, nr 35, p.237-244.*

Conference Papers and Presentations (peer reviewed):

1. Lu S., Su H., Johnsson C., Shao H., Xie L. (2015): "A Chance constrained Programming Approach for Multi-Product Multi-Stage Integrated Production Planning under Internal and External Uncertainties", IEEE Conference on Automation and Science in Engineering (CASE) 2015, Gothenburg, Sweden, August 24-28, 2015.

2. Sidhu I., Singer S., Johnsson C., Suoranta M. (2015) "Introducing the Berkeley Method of Entrepreneurship – a Game-Based Teaching Approach", *American Society for Engineering Education (ASEE) Annual Conference 2015*, Seattle, WA, USA, June 14-17, 2015

3. Warell A., Johnsson C., Nilsson C.-H. (2015) "Design as an Integrating Factor in an International Cross-Disciplinary Innovation Course", *American Society for Engineering Education (ASEE) International Forum 2015*, Seattle, WA, USA, June 14, 2015.

4. Farias F., Johnsson C., Ramminger G., Lima L. (2015): "Key Performance Indicators for Monitoring and Evaluation of PID and APC Strategies at Manufacturing Operations Management Level in a Natural Gas Processing Unit", *Escape 2015*, Copenhagen, Denmark, June 1-4, 2015.

5. Theorin A., Bengtsson K., Provost J., Lieder M., Johnsson C., Lundholm T., Lennartsson B. (2015): "An Event-Driven Manufacturing Information System Architecture", *IFAC/IEEE*

Symposium on Information Control Problems in Manufacturing (INCOM) 2015, Ottawa, Canada, May 11-13 2015.

6. Johnsson C. (2015): "Teaching and Learning Innovation for Automatic Control Students", Presentation (abstract) at 6th Swedish-Chinese Control Conference, Chengdu, China, March 23-24, 2015.

7. Johnsson C. (2015): "From zero to prototype in six weeks - results from an international cross-disciplinary course on Innovation", Presentation (abstract) at Global Venture Lab Meeting at UC Berkeley, CA, USA, January 15, 2015.

8. Sidhu I., Singer K., Suoranta M., Johnsson C. (2014). "Introducing the Berkeley Method of Entrepreneurship – a game-based teaching approach", *7th Annual Meeting of the Academy of Management Workshop 2014*", Philadelphia PA, USA, August 1, 2014.

9. Theorin A., Hagsund J. Johnsson C. (2014): "Service Orchestration with OPC UA in a Graphical Control Language", *19th IEEE international conference on Emerging Technologies and Factory Automation (ETFA) 2014*, Barcelona, Spain, September 16-19, 2014

10. Lu S., Su H., Johnsson C., Wang Y. (2014): "Modelling and Optimization Methods of Integrated Production Planning for Steel Plate Mill with Flexible Customization", *25th Chinese Process Control Conference (CPCC), Dalian, China*, August 9-14, 2014.

11. Theorin A., Johnsson C. (2014): "An Freely Available Interactive PID Learning Module", *Reglermöte 2014, Linköping, Sweden*, June 3-4, 2014.

12. Theorin A., Johnsson C. (2014): "On Extending JGrafchart with Support for FMI for Co-Simulation", Presented (poster) at the *10th international Modelica conference*, Lund, Sweden, March 10-13, 2014.

13. Theorin A., Johnsson C., (2014): "An Interactive PID Learning Module for Educational Purposes", *19th World Congress, IFAC 2014, Cape Town South Africa, August 24-29, 2014.*

14. Johnsson C., (2014): "Key Performance indicators used as measurement parameter for plant-wide feedback loops - work in progress", *Advances in Production Management Systems (APMS) 2014, Ajaccio, France, September 20-24, 2014.*

15. Johnsson C., Yang Q., Nilsson C.-H., Jun J., Larsson A., Warell A. (2014): "Fostering Automatic Control Students to Become Innovators", *19th World Congress, IFAC 2014, Cape Town South Africa, August 24-29, 2014.*

16. Lu S., Su H., Johnsson C., Xie L.(2014): "A Production Planning Model for a Steel Plate Fabrication Plant with Flexible Customization and Manufacturing", *19th World Congress, IFAC 2014, Cape Town South Africa, August 24-29, 2014.*

17. Nilsson C.-H., Johnsson C., Helmersson H. (2013): "Evaluation of a Cross-Cultural, Cross-Faculty Course – iMDE international Market-Driven Engineering Using Traditional Course Evaluation and PERTEX". *22nd Nordic Academy of Management Conference 2013, Reykjavik, Iceland, August 21-23, 2013.*

18. Ollinger L., Zuhlke D., Theorin A., Johnsson C., (2013): "A Reference Architecture for Service-oriented Control Procedures and its Implementation with SysML and Grafchart". *18th IEEE international conference on Emerging Technologies and Factory Automation (ETFA) 2013, Cagliari, Italy, September 2013.*

19. Lindholm A., Giselsson P., Quttineh N.-H., Lidestam H., Johnsson C., Forsman K. (2013). "Production Scheduling in the Process Industry", *22nd International Conference on Process Research (ICPR), Foz do Iguassu, Brazil, July 2013.*

20. Lindholm A., Johnsson C., Quttineh N.-H., Lidestam H., Henningsson M., Wikner J., Tang O., Nytzén N.-P., Forsman K. (2013): "Hierarchcal Scheduling and Utility Disturbance Management in the Process Industry", *IFAC Conference on Manufacturing Modelling and Management and Control (MIM2013), St. Petersburg, Russia, June 2013*

21. Nilsson C.-H., Johnsson C., Jun J., Yang Q., Luo S. (2012): "SME creation facilitation process at the universities", *West lake International Conference on Small and Medium Businesses (WLICSMB), Hangzhou, China, October 13-15, 2012.*

22. Theorin A., Årzén K.-E., Johnsson C., (2012): "Rewriting JGrafchart with Rewritable Reference Attribute Grammars",
Presented at Industrial Track of Software Language Engineering (ITSLE) 2012, Dresden, Germany, September 2012.

23. Theorin A., Johnsson C., (2012): "Polymorphism for State Machines"

Presented at International Society of Automation (ISA) Automation Week 2012, Orlando, FL, USA, September 2012

24. Theorin A., Johnsson C. (2012): "Graphical programming language support for service oriented architecture in Automation",
Presented at Reglermöte 2012, Uppsala, June 2012-07-28

25. Johnsson O., Andersson A., Johnsson C., Liden G., Hägglund T., (2012): "A novel feeding strategy for industrial fed-batch processes based on frequency content analysis"
Presentation (poster) at 15th European Congress on Biotechnology (ECB15), Istanbul, Turkey, September 2012

26. Gerber T., Theorin A., Johnsson C., (2012): "Towards a seamless integration between process modeling descriptions at Business and Production levels - work in progress",
Presented at 14th IFAC Symposium on Information Control Problems in Manufacturing (INCOM) 2012, Bucharest, Rumania, May 2012.

27. Gerber T., Bosch H.-C., Johnsson C., (2012): "Vertical Integration of decision relevant production information into IT-Systems of manufacturing companies",
Presented at 14th IFAC Symposium on Information Control Problems in Manufacturing (INCOM) 2012, Bucharest, Rumania, May 2012.

28. Soltesz K., Johnsson C., Hägglund T. (2011): "Teaching Control Principles to Industry Practitioners", *Presented at 17th Nordic Process Control Workshop (NPC) 2012, Denmark, January, 2012*

29. Lindholm A., Johnsson C., (2012): "A Tool for Utility Disturbance Management",
Presented at 14th IFAC Symposium on Information Control Problems in Manufacturing (INCOM) 2012, Bucharest, Rumania, May 2012.

30. Lindholm A., Johnsson C., (2012): "A Tool for Utility Disturbance Management",
Presented at 14th IFAC Symposium on Information Control Problems in Manufacturing (INCOM 2012, Bucharest, Rumania, May 2012.

31. Theorin A., Ollinger L., Johnsson C., (2012): "Service-oriented Process Control with Grafchart and the Device Profile for Web Services",
Presented at 14th IFAC Symposium on Information Control Problems in Manufacturing (INCOM) 2012, Bucharest, Rumania, May 2012.
NOTE: Best track paper award

32. Lindholm A., Johnsson C., Hägglund T., Carlsson H., (2012): "Reducing Revenue loss due to disturbances in the utilities using Buffer tanks – a case study at Perstorp",
Presented at Conference on Foundations of Computer-Aided Process Operations (FOCAPO) 2012, Savannah, GA, USA, January, 2012.

33. Lindholm A., Johnsson C., Hägglund T., Carlsson H., (2012): "Reducing Revenue loss due to disturbances in the utilities using Buffer tanks – a case study at Perstorp",
Presented at 17th Nordic Process Control Workshop, Kgs Lyngby, Denmark, January, 2012

34. Johnsson C, Nilsson F., Erlingsdottir G., Nilsson C.-H., Alsen G. (2011): "The usage of Learning Journals in a Technology Management Education",
Presented at IEEE International Technology Management Conference (ITMC) 2011, ISBN 978-1-61284-952-2 *, San Jose, CA, USA, June 27-30, 2011.*

35. Lindholm A., Carlsson H., Johnsson C., (2011): "A General Method for Handling Disturbances on Utilities in the Process Industry",
Presented at 18th IFAC World Congress 2011, Milano, Italy, August, 2011.

36. Johnsson O., Andersson J., Johnsson C., (2011): "Probing control in B. Licheniformis fermentations",
Presented at 18th World Congress of IFAC 2011, Milano, August, 2011.

37. Lindholm A., Carlsson H., and Johnsson C (2011): "Estimation of Revenue Loss due to Disturbances on Utilities in the Process Industry",
Presented at 22nd Annual Conference of the Production and Operations Management Society (POMS) 2011, Reno, NV, USA, April 2011.

38. Soltesz K., Johnsson C., Hägglund T. (2011): "Teaching Control Principles to Industry Practitioners",
Presented at European Society for Engineering Education (SEFI) 2011, Lisbon, Portugal, September 2011.

39. Lindholm A., Forsman K., Johnsson C., (2010): " Buffer Management Strategies for Improving Plant Availability",
Presented (poster) at Reglermöte, Lund, Sweden, June 8-9, 2010.
40. Lindholm A., Carlsson H., and Johnsson C (2010): "Availability Estimations for utilities in the Process Industry",
Presented at 16th Nordic Process Control Workshop, Lund, Sweden, August, 2010.
41. Lindholm A., Forsman K., and Johnsson C. (2010): "A General Method for Defining and Structuring Buffer Management Problems",
Presented at American Control Conference (ACC) 2010, Baltimore MD, USA, June 2010.
42. Otter M., Malmheden M., Elmqvist H., Mattsson S.-E., Johnsson C. (2009): "A New Formalism for Modeling of Reactive and Hybrid Systems",
Presented at 7th Modelica Conference, Como, Italy, September 20-22, 2009.
43. Johnsson C. (2009): "Implementation Strategy for an EBR-Solution",
Presented at ISA Expo 2009, Houston TX, USA, October 6-8, 2009.
44. Johnsson C. (2008): "Graphical Languages for Manufacturing Operations",
Presented at 3rd World Conference on Production and Operations Management (POM) 2008, Tokyo, Japan, 5-7 August 2008.
45. Johnsson C., Nilsson C.-H., (2008): "Teaching Manufacturing Operations and Strategies in Higher Education"
Presented at 3rd World Conference on Production and Operations Management (POM) 2008, Tokyo, Japan, August 2008.
46. Johnsson C. (2008): "Graphical Languages for Business Processes and Manufacturing Operations"
Presented at 17th World Congress IFAC 2008, Seoul, South Korea, 6-11 July 2008
47. Johnsson C. (2008): "Robotics and ISA 88 Batch Control Standard - Opportunities and Challenges",
Presented at 3rd World Conference on Production and Operations Management (POM) 2008, Tokyo, Japan, 5-7 August 2008
48. Johnsson C. (2007): "Enterprise Control and Manufacturing Operations", *Presented at The IET tutorial Seminar on A Collaborative Approach to Integrating Business and Manufacturing Systems", London UK, November 20, 2007.*
49. Johnsson C., Nilsson C-H. (2006): "Teaching Manufacturing Strategies and Structures in Higher Education",
Presented at WBF'06, Atlanta, USA, March 5-8, 2006.
50. Cervin A., Johnsson C., Robertsson A., Ryden T., (2006): "Återkoppling som del i lärandeprocessen",
Presented at LTHs 4de pedagogiska inspirationskonferens, June 2006, Lund.
51. Cervin A., Johnsson C., Robertsson A., (2006): "Återkoppling mellan lärare och studenter ur ett reglertekniskt perspektiv",
Presented at LTHs 4de pedagogiska inspirationskonferensen, June 2006, Lund.
52. Johnsson C., Parhamifar E., Ödling P., (2006): "Engagerande undervisning – en genusfråga?"
Presented at LTHs 4de pedagogiska inspirationskonferens, June 2006, Lund.
53. Johnsson C., Brandl D., Unger K., (2005): "ISA 95 – The vendor, end-user, academic and consultant perspective",
Presented at WBF'05, Atlantic City, USA, May 2005.
54. Johnsson C., (2004): "Applying ISA 95 – a vendor perspective",
Presented at ISA Expo 2004, Houston, TX, USA, October 5-7, 2004
55. Johnsson C., (2004): "ISA 95 - how and where can it be applied?",
Presented at ISA Expo 2004, Houston, TX, USA, October 5-7, 2004
56. Johnsson C. and Schumacher H. (2004): "Communication through B2MML – is that possible?",
Presented at World Batch Forum (WBF) North American Conference, Chicago, IL, USA, May2004.
57. Johnsson C. (2002): "Batch Management in the Supply Chain",
Presented at World Batch Forum (WBF) North American Conference, Woodcliff Lake, NJ, USA, April 7-10, 2002.
58. Johnsson C. (2001): "Batch Processing in a Wider Perspective",

Presented at WBF (World Batch Forum) North American Conference, Orlando, FL, USA, April 2001.

59. Johnsson C. and Arzen K.-E. (1999): "Grafchart and Batch-Recipe Structures", *Presented at Interphex'99, New York, USA.*

60. Johnsson C. and Arzen K.-E. (1999): "Grafchart and Grafcet: A Comparison Between two Graphical Languages Aimed for Sequential Control Applications", *Presented at IFAC'99, Beijing, China, July 5-9, 1999.*

61. Johnsson C. and Arzen K.-E. (1998): "On Batch Recipe Structures Using High-Level Grafchart", *Presented at ADPM'98, Reims, France, March 19-20, 1998.*

62. Johnsson C. and Arzen K.-E. (1998): "On Batch Recipe Structures Using High-Level Grafchart", *Presented at Reglermöte'98, Lund, Sweden.*

63. Johnsson C. and Arzen K.-E. (1998): "Grafchart and Batch-Recipe Structures", *Presented at WBF'98, Baltimore, MD, USA, April 1998.*

64. Johnsson C. and Arzen K.-E. (1998): "Grafchart Applications", *Presented at Gensym User Society Meeting 1998, Newport, RI, USA*

65. Johnsson C. and Arzen K.-E. (1998): "Grafchart and its Relations to Grafcet and Petri nets", *Presented at INCOM'98, Nancy-Metz, France, June 24-26, 1998.*

66. Johnsson C. and Arzen K.-E. (1998): "Petri net Analysis of Batch Recipes Structured with Grafchart", *Presented at Foundations of Computer Aided Process Operations (FOCAPO) 1998, Snowbird, UT, USA, July 5-10, 1998.*

67. Simensen J., Johnsson C. and Arzen K.-E. (1997): "A Multiple-View Batch Plant Information Model", *Presented at PSE'97/ESCAPE-7, Trondheim, Norway.*

68. Simensen J., Johnsson C. and Arzen K.-E. (1997): "An integrated Batch Plant Operation System", *Accepted for the IFAC Workshop on Computer Software Structures Integrating AI/KB Systems in Process Control 1997, Budapest Hungary. (conference cancelled).*

69. Arzen K.-E. and Johnsson C. (1997): "Grafchart: A Petri net/Grafcet based Graphical Language for Real-Time Sequential Control Applications", *Presented at SNART'97, Lund, Sweden, August 21-22, 1997.*

70. Johnsson C. and Arzen K.-E. (1996): "Object-Tokens in High-Level Grafchart", *Presented at CIMAT'96, Grenoble, France, May 29-31, 1996.*

71. Arzen K.-E. and Johnsson C. (1996): "Object-Oriented SFC and ISA-S88.01 Recipes", *Presented at World Batch Forum, Toronto, Canada, 1996.*

72. Johnsson C. and Arzen K.-E. (1996): "Batch Recipe Structuring using High-Level Grafchart", *Presented at IFAC'96, San Francisco, USA, Juuly 1-5, 1996.*

73. Viswanathan S., Venkatasubramanian V., Johnsson C. and Arzen K.-E. (1996): "Knowledge Representation and Planning Strategies for Batch Plant Operating Procedure Synthesis" *Presented at AIChE annual meeting, Chicago, USA, January 1996.*

74. Johnsson C. and Arzen K.-E. (1994): "High-Level Grafcet and Batch Control", *Presented at ADPM,94, Brussels, Belgium, November 1994.*

Technical Reports:

1. Westin E., and Johnsson C. (2011): "Automatic Control 2010. Annual report", Technical Report ISRN LUTFD2/TFRT--4038--SE, Department of Automatic Control, Lund University, Sweden, October 2011.

2. Simensen J., Johnsson C., Årzén K.-E., (1996): "A Framework for Batch Plant Information Models". Technical report ISRN LUTFD2/TFRT--7553--SE, Department of Automatic Control, Lund Institute of Technology, Sweden, November 1996.

Articles in press:

1. "Tummen upp för hierarkisk produktionsplanering" (English:), an article in Kemivärlden Nr9, September 2014.

2. "Det behövs mer engagemang i industrin" (English:), an article in Process Nordic, October 2014.

3. "En internationell och tvärvetenskaplig kurs mellan Lund och Zhejiang" (English: An international cross-disciplinary course between Lund university and Zhejiang university"), online article on STINTs webpage, 2013-10-25. http://www.stint.se/se/i_fokus/var/newsID/407
4. "Fjärde industriella revolutionen är här" (English: The fourth industrial revolution is here), Article on Telia's webpage for companies (Företagswebb Trender & Nytta), November 2013-11
5. "Third and fourth industrial revolutions – what will they hold?", Article in Sandvik Coromant Services book "The 25th hour", 2013.
6. 5 minutes about iMDE 2013 on CZTV, a Zhejiang Province TV station with a potential reach of about 55M viewers, 2013-10-17
 http://www.cztv.com/s/2010/jingshixinwen/replay/2013/10/2013-10-174101295.htm
7. "Venture Labs: support students at the first step of entrepreneurship" (English translation), national on-line article on Renmin Forum (also known as People Forum) with potential outreach of 1360M people, 2013-10-17.
http://zj.rmlt.com.cn/2013/1017/168380.shtml
8. "The technology innovation management course at Zhejiang University. Cooperated with Swedish Students to develop new products" (English translation), national on-line article on QQ with potential outreach of 1360M people, 2013-10-21.
http://zj.qq.com/a/20131021/012686.htm
9. "Prototypes developed by students" (English translation), article in Qianjiang Evening News, Hangzhou, China, 2012-10-19.
10. "Standarder I högre utbildning", publication in SEK Aktuellt Nr 4, 2012.
11. " TITLE", Nilsson C.-H., Svensson C. Jankensgård H., Charlotta Johnsson, and Anders Nilsson, Ekonomisk Historia, article in LTH's pedagogical journal Lärande i Lund, June 2012
12. 3 minutes about Integration an Standards on Web-TV for Automation University in Copenhagen, 2012-05-14. http://www.verkstadsforum.se/nyheter.asp?n=1405
13. Integration och Standards fokus på Automation University i Köpenhamn, artikel i VerkstadsForum, June 2012.
14. "Återkoppling på hög nivå", popular science article in industry-journal Nr5 2012
15. "Nu gör vi nyckeltalen entydiga" (Eng: Developing consistent Key Performance Indicators), popular science article in industry-journal Automation Nr4, 2011
16. "Standarder som del i undervisningen", artikel in AutomationRegion, June 2011
17. "Effektivare processindustri med MES", artikel i Automations nytt Siemens, Nr 1 2009
18. "Experter samtalar om MES", Artikel i Process Nordic's magazine "Industriell IT och Automation", spring 2008.
19. S95 – superstandardisering, artikel i Tecpress Norge, 2006.

Whitepapers:
1. Johnsson C. (2014): "Whitepaper: Introducing the ISO 22400 standard", private webpage.
2. Johnsson C., (2004): "Whitepaper: S88 for Beginners", World Batch Forum, June 2004
3. Johnsson C., (2004): "Whitepapers: S88 for Universities", World Batch Forum, June 2004
4. Johnsson C., (2006): "Whitepaper: ISA 95 for Beginners", published for the282group, 2006.
5. Johnsson C., (2006): "Whitepaper: ISA 95 for Academia", published for the282group, 2006.
6. Johnsson C., (2006): "Whitepaper: ISA 95 for Vendors", published for the282group, 2006.

Invited Presentations:
1. Johnsson C. (2015): "Advances and opportunities in MOM-level manufacturing research and standards", presentation at NIST (National Institute for Standards and Technology), Gaithersburg, MD, USA, January 12, 2015.
2. Johnsson C. (2015): "From zero to prototype, results from an international cross disciplinary course on innovation", presentation at Global Venture Lab Meeting, UC Berkeley, CA, USA, January 16, 2015.
3. Johnsson C. (2014): "From zero to prototype, an international cross disciplinary course on innovation", presentation at Faculty of Medicine, Lund University, Skanör, Sweden, November, 27, 2014.

4. Johnsson C. (2014): "From zero to prototype, an international cross disciplinary course on innovation", presentation at STINT Sweden-China Forum, Lund, Sweden, June 2014.
5. Johnsson C. (2014): "Berkeley Method of Entrepreneurship and international Market-Driven Engineering", Invited presentation at Guangzhou University of Finance, Guangzhou, China, September 2014.
6. Johnsson C (2013): Presentation at UC Berkeley
7. Johnsson C., (2012): "MES-Manufacturing Execution Systems; MES och den internationella standarden IEC 62264 (ISA95)", Invited presentation ÅF Consultats Industrial IT Kick-off, Stockholm June 1, 2012.
8. Johnsson C., (2012): "How can standards help with Key Performance indicators for Industrial Automation?" Invited presentation at Automation University (Rockwell Automation), Copenhagen, May 9, 2012.
9. Johnsson C. (2012): "Hva er MES og hvordan kan en finne ROI", Invited presentation at Prediktor User meeting, Oslo, Norway, April 25, 2012.
10. Johnsson C., (2012): "Vad är MES?", Presentation at Sesam-Sverige Seminar, January 18, 2012.
11. Johnsson C., (2011): "An introduction to Market-driven Systems", Presentation given at College of Engineering, University of California, Berkeley, July 1, 2011.
12. Johnsson C., (2011): "Make2Pack and ISA88-part5". Invited presentation given at ISA Ireland meeting, Cork, Ireland, April 11-13, 2011.
13. Johnsson C., (2010): "Make2Pack and ISA88-part5". Invited presentation given at Sesam's meeting, Copenhagen, September 28, 2010.
14. Johnsson C., (2009): Process Nordic 2009
15. Johnsson C., (2009): "ISA88 tutorial" Invited presentation (tutorial) given at MESA conference 2009, October 27-28, 2009, Belgium
16. Johnsson C., (2008): Process Nordic 2008.
17. Johnsson C., (2008): "MES (Manufacturing Execution Systems)". Participation in a round table discussion organised by Process Nordic, Stockholm April 17 2008. The round table discussion resulted in an article in Process Nordic's Magasin.
18. Johnsson C., (2008): "ISA88 och ISA95: två standarder med stor relevans för läkemedels-, livsmedels- och bioteknikföretag (ISA88 and ISA95: two standards with high relevance for the pharmaceutical- food and beverage- and biotechnology industries)". Invited presentation (Keynoter) given at Plant Vision's user seminar day around LifeScience, Stockholm, May 7 2008.
19. Johnsson C., (2008): "Make2Pack and ISA88-part5". Invited presentation (Keynoter) given at Sesam's meeting, Copenhagen, May 8 2008.
20. Johnsson C., (2008): "MES: finns det någon standard? (MES: is there a standard?)". Invited presentation given at the conference "Industrial IT, MES and Automation" organised by Process Nordic, Stockholm, November 25, 2008
21. Johnsson C., (2005): "ANSI/ISA 88 Overview", Invited presentation (tutorial) given at WBF EU'04, Brussels, Belgium.
22. Johnsson C., (2005): "Understanding the ISA95 Enterprise/Control System Integration Standard", Invited presentation (tutorial) given at WBF'05, Atlantic City, USA.
23. Johnsson C., (2006): "Understanding the ISA95 Enterprise/Control System Integration Standard", Invited presentation (tutorial) given at WBF'06, Atlanta, USA.
24. Johnsson C., Brandl D., Unger K., (2006): "ISA 88, ISA 95, IEC/ISO JWG 15 - Up to the minute headlines". *Invited presentation at WBF'06, Atlanta, USA. March 2006*

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