

Curriculum Vitae

Name: Patrik Jonsson
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Affiliation: Department of Technology Management and Economics (TME), Division of Supply and Operations Management, Chalmers University of Technology.

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Education and certifications

1999 Ph.D. in Production Management, Lund University.

1995 M.Sc. in Total Quality Management, Växjö University.

1992 B.Sc. in Logistics engineering, Växjö University.

2006 CSCP (Certified Supply Chain Professionals), APICS.

2000 CFPIM (Certified Fellow in Production and Inventory Management), APICS.

Research interests

Operations and supply chain planning (S&OP, demand management, materials planning; organizational and human aspects of planning; information technology and sharing), sourcing strategies, performance management. Case, survey and simulation-based research.

Current and previous positions

2016-: Head of Division of Supply & Operations Management, TME, Chalmers.

2008-: Professor (full) Operations and supply chain management, Chalmers.

2007-2014: Deputy/Vice head of TME, Chalmers, Director of the Graduate (doctoral) school of TME.

2006-2008: Professor, Supply chain management, Chalmers.

2005-2009: Guest professor logistics management, Växjö University.

2003-2006: Associate professor (docent), TME, Chalmers.

2001-2003: Assistant professor, TME, Chalmers.

1999-2001: Assistant professor, School of management and economics, Växjö University.

1992-1999: Lecturer, PhD student and Head of department in logistics, Växjö University.

Awards

- Best paper award at the Portland International Conference in Technology Management, PICMET, 1999. (Paper title: *Achieving the potential benefit of advanced manufacturing technology - A study of Swedish metal working companies*).
- Best paper award at the Nofoma Conference 2002, with R. Lindau. (Paper title: *The supply chain planning studio – Utilising the synergetic power of teams and information visibility*).
- Highly commended paper winner of the Journal of Manufacturing Technology Management 2007, with C. Wänström. (Paper title: *The impact of engineering changes on materials planning*) - Emerald Literati rewards for Excellence 2007.
- Best paper award at the Nofoma conference 2010, with L. K. Ivert. (Paper title: *Problems in the onward and upward phase of APS system implementation: Why do they occur?*)
- Outstanding reviewer award 2011 of the International Journal of Operations and Production Management - Emerald Literati Reward for Excellence 2011.
- Best paper award at the Nofoma conference 2012, with S-A Mattsson (Paper title: *The value of sharing different planning information types in supply chains*)
- Best paper award at the Nofoma conference 2015, with S-A Mattsson (Paper title: *Inventory management practices and research needs*)

PhD student supervising experience (Main and co-supervisor)

Mattias Gustavsson (PhD 2008), Susanne Hofmann (Lic 2008), Linea Kjellsdotter Ivert (PhD 2012), Paulina Myrelid (Lic 2015), Carl Wänström (PhD 2006), Ola Dawidsson (PhD 2006), Nina Modig (Lic 2006), Anna Moses (PhD 2009), Maria Kollberg Thomassen (PhD 2013), Naghmeh Taghavi (Lic 2015).

Currently supervised PhD students: Joakim Andersson, Emmelie Gustafsson, Sara Kilicaslan, Paulina Myrelid, Hafez Shurrab, Naghmeh Taghavi.

Teaching experience

Experience from teaching at Bachelors level since 1992, at Masters level since 1998 and on doctoral courses since 2000. Director of BSc and MSc programmes in logistics management (Linneus/Växjö University, 1994-2001), Director of MSc programme in Supply chain management (Chalmers, 2003-2006). Currently examiner for the courses 'Operations planning and control' (MSc level) and 'Researching technology management and economics' (PhD level).

National and international assignments (selection)

- Board member of the European operations management association (EurOMA), www.euroma-online.org, 2008-2010. Board member PLAN (Swedish logistics association, www.plan.se), 2002-2007.
- Faculty opponent/external examiner of PhD degrees at Norwegian School of Management (NTNU), University of Warwick, Luleå University of Technology, Linköping University, Lund University.
- Member of examining committees for PhD degrees at Chalmers University of Technology, Linköping University, Lund University, Luleå University of Technology, Norwegian School of Management, Royal Institute of Technology, University of Gothenburg, University of Warwick.

- External expert for assessing applications to positions as assistant, associate and full professors at Aarhus University, Norwegian School of Management (BI), Linköping University, Lund University, Norwegian University of Science and Technology (NTNU), Royal Institute of Technology Stockholm, Stockholm University, University of Southern Denmark, Växjö (Linneus) university.
- Guest editor special issue of the International Journal of Operations and Production Management (2011), Guest editor special issue of the International Journal of Physical Distribution and Logistics Management (2011, 2018).
- Currently, senior associate editor of the *International Journal of Physical Distribution and Logistics Management*, associate editor of the *International Journal of Operations and Production Management* in the editorial advisory board of the *European Business Review*, and in the editorial review board of the *Journal of Purchasing and Supply Management*.
- Co-chair of the Annual EurOMA conference 2009 (www.euroma2009.org). Chair of the Global Manufacturing Research Group (GMRG) annual meeting 2009 (www.gmrg.org). Chair of the ELA (European Logistics Association) doctorate workshop 2011. Director and Research director of Northern LEAD logistics centre at Chalmers (www.chalmers.se/tme/lead), 2009-2014.
- Visiting scholar/professor Western Michigan University (1996/97), University of Warwick (2007).

Valorization and outreach activities

Executive education:

Since 1992 conducted seminars, workshops and training in supply chain management and operations planning and control at individual industrial companies. Examples:

- “Best practice inventory management”, Person seminar, Norwegian School of Management, Oslo (4 March 2016).
- “Moving from mature to advanced S&OP”, Keynote at 600 minutes Supply chain, Stockholm (14 Sept, 2014).
- Sales & Operations Planning, Logistikföreningen Plan, 1+1 days course/seminar (annually since 2015).
- Certified supply chain professional (CSCP), APICS/CSCP certification course, Logistikföreningen Plan. 6 days course (annually since 2007).
- Inventory management, Logistikföreningen Plan, 2 days course (since 2018).

Industry cooperation

Cooperation with several industrial companies in research projects, for example AB Volvo, Autoliv, SKF, Volvo Cars.

Practitioner journal publications

Published more than 50 articles on logistics and supply chain management in Swedish industry magazines (e.g. Logistikmagasinet, Intelligent logistic, TransportNytt, Bättre Produktivitet, Transport och hantering, Inköp & Logistik).

Textbook and handbook publications

[Jonsson, P. and Mattsson, S-A. \(2009\), *Manufacturing Planning and Control*, McGraw-Hill, London.](#)

[Jonsson, P. \(2008\), *Logistics and Supply Chain Management*, McGraw-Hill, London.](#)

[Jonsson, P. and Mattsson, S-A. \(2013\), *Material- och produktionsstyrning*, Studentlitteratur, Lund \(in Swedish\).](#)

[Jonsson, P. and Mattsson, S-A. \(2016\), *Logistik: läran om effektiva materialflöden, 3e upplagan*, Studentlitteratur, Lund \(in Swedish\).](#)

Jonsson, P. och Mattsson, S-A. (2014), *Best practice lagerstyrning i svensk industri*, Logistikföreningen Plan & Chalmers tekniska högskola, Göteborg (in Swedish).

Mattsson, S-A. and Jonsson, P. (2003), *Produktionslogistik*, Studentlitteratur, Lund (in Swedish).

Management of external research funds

Manager or co-manager of thirteen externally funded research projects since 2004. These include ‘Outsourcing of production to low cost countries – consequences for the logistics system’ (2005-2007), ‘Integration of supply chains through advanced planning systems’ (2006-2009), ‘Sustainable strategies for production and supply networks in turbulent environments’ (2011-2014), “Digital model-driven physical retail and supply chain management (2016-2018).

Peer-reviewed journal publications

Myrelid, P. and Jonsson P. (2019), “Determinants of information quality in dyadic supply chain relationships”, *International Journal of Logistics Management*.

Fredriksson, A. and Jonsson, P. (2019) “The impact of knowledge properties on international manufacturing transfer performance”, *Production Planning & Control*.

Andersson, J. and Jonsson, P. (2018), “Big Data in spare parts supply chains: Digitalization of aftermarket demand planning using product-in-use-data”, *International Journal of Physical Distribution and Logistics Management*, Vol. 48, No. 5, pp. 524-544.

Kristensen, J. and Jonsson, P. (2018), “Context-based Sales and Operations Planning (S&OP) research: A literature review and future agenda”, *International Journal of Physical Distribution and Logistics Management*, Vol. 48, No. 1, pp. 19-46.

Jonsson, P. and Myrelid, P. (2016), “Supply chain information utilization: Conceptualisation and antecedents”, *International Journal of Operations and Production Management*, Vol. 36, No. 12, pp. 1769-1799.

Jonsson, P. and Mattsson, S-A. (2016), “Advanced material planning performance: A contextual examination and research agenda”,

- International Journal of Physical Distribution and Logistics Management*, Vol. 46, No. 9, pp. 836-858.
- Jonsson, P. and Holmström, J. (2016), "Future of supply chain planning: Closing the gaps between practice and promise", *International Journal of Physical Distribution and Logistics Management*, Vol. 46, No. 1, pp. 62-81.
- Jonsson, P. and Ivert, K.L. (2015), "Improving performance with sophisticated master production scheduling", *International Journal of Production Economics*, Vol. 168, pp. 118-130.
- Ivert, K.L. and Jonsson P. (2014), "When should advanced planning and scheduling systems be used in sales and operations planning?", *International Journal of Operations and Production Management*, Vol. 34, No. 10, pp.1338-1362.
- Jonsson, P. and Mattsson, S-A. (2013), "The value of sharing planning information in supply chains". *International Journal of Physical Distribution and Logistics Management*, Vol. 43, No. 4, pp. 282-299. (DB Schenker best paper award at the 24th Nofoma conference)
- Jonsson, P., Rudberg, M., Holmberg, S. (2013), "Centralised supply chain planning at IKEA", *Supply Chain Management: An international Journal*, Vol. 18, No. 3, pp. 337-350.
- Ivert, K.L. and Jonsson, P. (2011), "Problems in the onward and upward phase of APS system implementation: Why do they occur?", *International Journal of Physical Distribution and Logistics Management*, Vol. 41, No. 4, pp. 343-363. (DB Schenker best paper award at the 22nd Nofoma conference)
- Forslund, H. and Jonsson, P. (2010), "ERP systems for supply chain performance management", *Industrial Management & Data Systems*, Vol. 110, No. 8, pp. 1159-1175.
- Fredriksson, A., Jonsson, P., Medbo, P. (2010), "Utilising the potential of combining local and global supply chains", *International Journal of Logistics: Research and Applications*, Vol. 13, No. 4, pp. 313-326.
- Ivert, K.L. and Jonsson, P. (2010), "The potential benefits of APS systems in the sales and operations planning process", *Industrial Management & Data Systems*, Vol. 110, No. 5, pp. 659-681.
- Forslund, H. and Jonsson, P. (2010), "Integrating the performance management process of on-time delivery with suppliers", *International Journal of Logistics: Research and Applications*, Vol. 13, No. 3, pp. 225-241.
- Forslund, H. and Jonsson, P. (2009), "Obstacles to the supply chain integration of the performance management process in buyer-supplier dyads: The buyers' perspective", *International Journal of Operations and Production Management*, Vol. 29, No. 1, pp. 77-95.
- Forslund, H., Jonsson, P., Mattsson, S-A. (2009), "An OTD performance model for delivery scheduling situations", *International Journal of Productivity and Performance Management*, Vol., 58, No. 1, pp. 41-53.
- Fredriksson, A. and Jonsson, P. (2009), "Assessing consequences of low cost sourcing in China", *International Journal of Physical Distribution and Logistics Management*, Vol. 39, No. 3, pp. 227-249.
- Zhou, H, Leong, G.K., Jonsson, P. and Sum, C-C. (2009), "A comparative study of advanced manufacturing technologies in Singapore and Sweden", *International Journal of Production Economics*, Vol. 120, pp. 42-53.
- Jonsson, P. and Mattsson, S-A. (2008), "Inventory practices and their impact on perceived planning performance", *International Journal of Production Research*, Vol. 46, No. 7, pp. 1787-1812.
- Arlbjørn, J., Jonsson, P., Johansen, J. (2008), "Nordic research in logistics and supply chain management", *International Journal of Physical Distribution and Logistics Management*, Vol. 38, No. 6, pp. 452-474.
- Gustavsson, M. and Jonsson, P. (2008), "Perceived quality deficiencies of demand information and their consequences",

International Journal of Logistics: Research and applications, Vol. 11, No. 4, pp. 295-312.

Jonsson, P. (2008), "Exploring problems related to the materials planning user environment", *International Journal of Production Economics*, Vol. 113, No. 1, pp. 383-400.

Jonsson, P. and Gustavsson, M. (2008), "The impact of supply chain relationships and automatic data communication and registration on forecast information quality", *International Journal of Physical Distribution and Logistics Management*, Vol. 38, No. 4, pp. 280-295.

Forslund, H. and Jonsson, P. (2007), "The impact of forecast information quality on supply chain performance", *International Journal of Operations and Production Management*, Vol. 27, No. 1, pp. 90-107.

Forslund, H. and Jonsson, P. (2007), "Dyadic integration of the performance management process: a delivery service case study", *International Journal of Physical Distribution and Logistics Management*, Vol. 37, No. 7, pp. 546-567.

Jonsson, P., Kjellsdotter, L., Rudberg, M. (2007), "Applying advanced planning systems for supply chain planning: Three case studies", *International Journal of Physical Distribution and Logistics Management*, Vol. 37, no. 10, pp. 816-834.

Åkesson, J., Jonsson, P., Hällås, R. (2007), "An assessment of sourcing strategies in the apparel industry", *International Journal of Physical Distribution and Logistics Management*, Vol. 37, No. 9, pp. 740-762.

Wänström, C. and Jonsson, P. (2006), "The impact of engineering changes on materials planning", *Journal of Manufacturing Technology Management*, Vol. 17, No. 5, pp. 561-584.

Andersen, J. and Jonsson, P. (2006), "Does organization structure matter? On the relationship between structure, function and effectiveness", *International Journal of*

Innovation and Technology Management, Vol. 3, No. 3, pp. 237-264.

Jonsson, P. and Mattsson, S-A. (2006), "A longitudinal study of material planning applications in manufacturing companies", *International Journal of Operations and Production Management*, Vol. 26, No. 9, pp. 971-995.

Jonsson, P. and Mattsson, S-A. (2003), "The implication of fit between planning environments and manufacturing planning and control methods", *International Journal of Operations and Production Management*, Vol. 23, No. 8, pp. 872-900. The article was reprinted in the *Journal of Enterprise Management*, Vol. 20, No. 4, 2004.

Jonsson, P. and Zineldin, M. (2003), "Achieving high satisfaction in supplier dealer working relationships", *Supply Chain Management: An International Journal*, Vol. 8, No. 3, pp. 224-240.

Jonsson, P. and Mattsson, S-A. (2002), "The selection and application of material planning methods", *Production Planning & Control Journal*, Vol. 13, No. 5, pp. 438-450.

Jonsson, P. and Mattsson, S-A. (2002), "The use and applicability of capacity planning methods", *Production and Inventory Management Journal*, Vol. No. 3/4, pp. 89-95.

Jonsson, P. (2000), "An empirical taxonomy of advanced manufacturing technology", *International Journal of Operations and Production Management*, Vol. 20, No. 12, pp. 1446-1474.

Jonsson, P. (2000), "Towards an holistic understanding of disruptions in operations management", *Journal of Operations Management*, Vol. 18, No. 6, pp. 701-718.

Zineldin, M. and Jonsson, P. (2000), "An examination of the main factors affecting trust-commitment in supplier-dealer Relationships: An empirical study of the Swedish wood industry", *The TQM Magazine*, Vol. 12, No. 4, pp. 245-265.

Jonsson, P. (1999), "Company-wide integrated strategic maintenance: An empirical analysis", *International Journal of Production Economics*, Vol. 60/61, pp. 179-188.

Jonsson, P. and Lesshammar, M. (1999), "Evaluation and improvement of manufacturing performance measurement systems: The role of OEE", *International Journal of Operations and Production Management*, Vol. 19, No. 1, pp. 55-78.

Jonsson, P. (1997), "The status of maintenance management in Swedish manufacturing firms", *Journal of Quality in Maintenance Engineering*, Vol. 3, No. 4, pp. 233-258.

Sherwin, D.J. and Jonsson, P. (1995), "TQM, maintenance and plant availability", *Journal of Quality in Maintenance Engineering*, Vol. 1, No. 1, pp. 15-19.