

CURRICULUM VITAE (abridged)

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Björn Olof Lantz

Contact details

Björn Lantz
Technology Management and Economics
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Positions

2020-pres. Professor in Operations Management, Chalmers University of Technology
2020-pres. Professor (visiting) in Logistics, University West
2019-pres. Topic Editor at the *International Journal of Environmental Research and Public Health*
2018–2020 Head of Unit at the division of IRDM, TME, Chalmers University of Technology
2013–2020 Associate Professor in Economic Analysis, Chalmers University of Technology
2012–pres. Associate Editor at the journal *Electronic Commerce Research*
2012–pres. Member of the Editorial Board at the journal *Electronic Commerce Research*
2008–2013 Senior Lecturer in Managerial Economics, University of Borås
2005–2008 Director of Studies and Program Director, Bachelor Program in Business and Economics, Gothenburg University
2000–2009 Senior Lecturer in Business Studies, Gothenburg University
1995–2000 PhD candidate in Business Studies, Gothenburg University

Education and qualifications

2012 Promotion to Associate Professor ("oavlönad docent"), University of Borås
2000 PhD in Business Studies, Gothenburg University
1994 MSc in Business Studies, Gothenburg University
1992 University diploma in Informatics, Gothenburg University

Research and teaching interests

I lead, participate in, and supervise research in Operations Management and Logistics. From time to time, I also participate in research projects in adjacent fields. My teaching is oriented towards Operations Research and Managerial Economics.

Core competencies

- Operations Management
- Logistics
- Managerial Economics
- Operations Research
- Quantitative Research Methodology
- Polar History

Publications in peer reviewed journals

46. Ekwall, D. & **Lantz, B.** (2021), "The relationship between impact and probability in supply chain risk management: A cargo theft example", *International Journal of Decision Sciences, Risk and Management*, in press
45. Fagefors, C., **Lantz, B.** & Rosén, P. (2020), "[Creating short-term volume flexibility in healthcare capacity management](#)", *International Journal of Environmental Research and Public Health*, 17(22), 8514.
44. **Lantz, B.** (2020), "[The 'terra firma' anecdote: On the attempt to deceive Roald Amundsen during the meeting between the Fram and Terra Nova expeditions in 1911](#)", *Polar Record*, 56(e29), 1-2.
43. Palm, A. & **Lantz, B.** (2020), "[Information dissemination and residential PV adoption rates: The effect of an information campaign in Sweden](#)", *Energy Policy*, 142, 111540.
42. Ekwall, D. & **Lantz, B.** (2019), "[The moderating role of transport chain location in cargo theft risk](#)", *The TQM Journal*, 32(5), 1003-1019.
41. **Lantz, B.** (2019), "[Ice drift during the 1897 Andrée balloon expedition](#)", *Polar Record*, 55(6), 385-391.
40. **Lantz, B.** (2019), "[Giles Land—a mystery for S.A. Andrée and other early Arctic explorers](#)", *Polar Research*, 38, 3433.
39. **Lantz, B.** (2019), "[A note on the depots of the 1897 Andrée Balloon Expedition](#)", *Polar Record*, 55(1), 48-50.
38. **Lantz, B.** (2018), "[Could the members of the 1897 Andrée balloon expedition have survived?](#)", *Polar Record*, 54(3), 234-236.
37. Sternberg, H. & **Lantz, B.** (2018), "[Using crowdsourced data to analyze transport crime](#)", *International Journal of Logistics Research and Applications*, 21(2), 133-147.
36. **Lantz, B.** (2018), "[Where should Captain Scott's support parties have turned back?](#)", *Polar Record*, 54(1), 76-78.
35. Ekwall, D. & **Lantz, B.** (2018), "[The Use of Violence in Cargo Theft – A Supply Chain Disruption Case](#)", *Journal of Transportation Security*, 11(1-2), 3-21.
34. Kjellsdotter, A., **Lantz, B.** & Ottosson, C. (2018), "[Healthcare professionals' views on parental participation in the neonatal intensive care units](#)", *Journal of Pediatric Nursing*, 41, 3-8.
33. **Lantz, B.** (2017), "[Information to parents in the neonatal unit](#)", *Journal of Neonatal Nursing*, 23(4), 180-184.
32. **Lantz, B.** & Rosén, P. (2017), "[Using queueing models to estimate system capacity](#)", *Production Planning & Control*, 28(13), 1037-1046.
31. Ottosson, C. & **Lantz B.** (2017), "[Parental participation in neonatal care](#)", *Journal of Neonatal Nursing*, 23(3), 112-118.
30. **Lantz, B.** & Isaksson, A. (2016), "[Rake policies of for-profit and non-profit online poker sites: A case study](#)", *Journal of Gambling Business and Economics*, 10(3), 13-31.
29. Hjort, K. & **Lantz, B.** (2016), "[The impact of returns policies on profitability: An online fashion case](#)", *Journal of Business Research*, 69(11), 4980-4985.
28. Alvekrans, A-L., **Lantz, B.**, Rosén, P., Siljemyr, L. & Snygg, J. (2016), "[From knowledge to decision - A case study of sales and operations planning in health care](#)", *Production Planning & Control*, 27(12), 1019-1026.
27. Ekwall, D. & **Lantz, B.** (2016), "[Supply chain risk analysis and assessment: cargo theft](#)", *Transportation Journal*, 55(4), 400-419.
26. **Lantz, B.**, Andersson, R. & Manfredsson, P. (2016), "[Preliminary tests of normality when comparing three independent samples](#)", *Journal of Modern Applied Statistical Methods*, 15(2), 135-148.
25. **Lantz, B.** (2016), "[Bankroll management in Sit and Go poker tournaments](#)", *Journal of Gambling Business and Economics*, 10(2), 1-10.
24. **Lantz, B.** & Rosén, P. (2016), "[Measuring effective capacity in an emergency department](#)", *Journal of Health Organization and Management*, 30(1), 73-84.
23. **Lantz, B.** (2015), "[Bankroll management in large poker tournaments](#)", *Journal of Gambling Business and Economics*, 9(3), 3-13.
22. Ekwall, D. & **Lantz, B.** (2015), "[Modi operandi for cargo theft in EMEA - A seasonality analysis](#)", *Journal of Transportation Security*, 8(3), 99-113.
21. Andersson, R., Manfredsson, P. & **Lantz, B.** (2015), "[Total productive maintenance in support processes: An enabler for operation excellence](#)", *Total Quality Management & Business Excellence*,

- 26(10), 1042-1055.
20. Isaksson, A. & **Lantz, B.** (2015), "[Outsourcing strategies and their impact on financial performance in small manufacturing firms in Sweden](#)", *International Journal of Business and Finance Research*, 9(4), 11-20.
 19. **Lantz, B.** & Ottosson, C. (2015), "[Using axillary temperature to approximate rectal temperature in newborns](#)", *Acta Paediatrica*, 104, 766-770.
 18. Ekwall, D. & **Lantz, B.** (2015), "[Cargo theft at non-secure parking locations](#)", *International Journal of Retail & Distribution Management*, 43(3), 204-220.
 17. **Lantz, B.** (2014), "[The impact of non-equidistance on ANOVA and alternative methods](#)", *Electronic Journal of Business Research Methods*, 12(1), 16-26.
 16. **Lantz, B.** & Ottosson, C. (2014), "[Neonatal Intensive Care Practices: Perceptions of Parents, Professionals, and Managers](#)", *Advances in Neonatal Care*, 14(3), E1-E12.
 15. **Lantz, B.** (2013), "[The impact of continuity violation on ANOVA and alternative methods](#)", *Journal of Modern Applied Statistical Methods*, 12(2), 105-120.
 14. Hjort, K., **Lantz, B.**, Ericsson, D. & Gattorna, J. (2013), "[Customer segmentation based on buying and returning behaviour](#)", *International Journal of Physical Distribution and Logistics Management*, 43(10), 852-865.
 13. Ekwall, D. & **Lantz, B.** (2013), "[Seasonality of cargo theft at transport chain locations](#)", *International Journal of Physical Distribution and Logistics Management*, 43(9), 728-746.
 12. **Lantz, B.**, Bredehorst-Carlsson, P. & Johansson, J. (2013). "[Incentive Schemes and Female Leadership in Financial Firms](#)", *Corporate Board: Role, Duties and Composition*, 9, 40-49.
 11. **Lantz, B.** & Ottosson, C. (2013), "[Parental interaction with infants treated with medical technology](#)", *Scandinavian Journal of Caring Sciences*, 27, 597-607.
 10. **Lantz, B.** (2013), "[Equidistance of Likert-type scales and validation of inferential methods using experiments and simulations](#)", *Electronic Journal of Business Research Methods*, 11, 16-28.
 9. Hamberg, M., Overland, C. & **Lantz, B.** (2013), "[Board Participation, Toeholds and the Cross-Border Effect](#)", *International Business Review*, 22, 868-882.
 8. **Lantz, B.** (2013), "[The large sample size fallacy](#)", *Scandinavian Journal of Caring Sciences*, 27, 487-492.
 7. **Lantz, B.** & Hjort, K. (2013), "[Real e-customer behavioral responses to free delivery and free returns](#)", *Electronic Commerce Research*, 13, 183-198.
 6. **Lantz, B.** (2013), "[The impact of sample non-normality on ANOVA and alternative methods](#)", *British Journal of Mathematical and Statistical Psychology*, 66, 224-244.
 5. **Lantz, B.** (2013), "[Gender differences in reasons, facilitators, and barriers for parental presence in the NICU](#)", *Nordic Journal of Nursing Research*, 33, 61-63.
 4. Hjort, K. & **Lantz, B.** (2012), "[\(R\)e-tail borrowing of party dresses: An experimental study](#)", *International Journal of Retail & Distribution Management*, 40, 997-1012.
 3. **Lantz, B.** (2009), "[The double marginalization problem of transfer pricing: theory and experiment](#)", *European Journal of Operational Research*, 196, 434-439.
 2. **Lantz, B.** (2008), "[Hybrid revenue caps and incentive regulation](#)", *Energy Economics*, 30, 688-695.
 1. **Lantz, B.** (2007), "[A non-Bayesian piecewise linear approximation adjustment process for incentive regulation](#)", *Information Economics and Policy*, 19, 95-101.

Conference papers and other scientific publications

- Fagefors, C. & Lantz, B. (2020), "Capacity Pooling in Healthcare Systems: A Conceptual Analysis Using Portfolio Theory", *PLAN Forsknings- & tillämpningskonferens 2020*, Södertälje, Sweden.
- Lantz, B. (2019), "Giles Land—a mystery for S.A. Andrée and other early Arctic explorers", *4th Alpine and Polar Mini Conference*, Gothenburg, Sweden.
- Fagefors, C., Lantz, B. & Rosén, P. (2019), "Barriers for capacity pooling in health care systems – a questionnaire study", *PLAN Forsknings- & tillämpningskonferens 2019*, Linköping, Sweden.
- Fagefors, C., Lantz, B. & Rosén, P. (2019), "The creation of short-term flexibility in health care capacity management", *PLAN Forsknings- & tillämpningskonferens 2019*, Linköping, Sweden.
- Persson, M. & Lantz, B. (2019), "Product Development Practices and their effects on Project Success", *CINet 2019*, Odense, Denmark.

- Fagefors, C., Lantz, B., Rosén, P. & Siljemyr, L. (2019), "Capacity pooling in healthcare systems – results from a mixed methods study", *NOFOMA 2019*, Oslo, Norway.
- Iversen, C., Lantz, B. & Rosén, P. (2018), "Capacity pooling in healthcare systems – a research proposal", *PLAN Forsknings- & tillämpningskonferens 2018*, Jönköping, Sweden.
- Lantz, B., Rosén, P. & Siljemyr, L. (2018), "Capacity pooling in healthcare systems – obstacles and future potential", *PLAN Forsknings- & tillämpningskonferens 2018*, Jönköping, Sweden.
- Lantz, B. (2018), "Could the members of the Andrée balloon expedition 1897 have survived?", *3rd Alpine and Polar Mini Conference*, Gothenburg, Sweden.
- Ekwall, D. & Lantz, B. (2018), "The relation between impact and probability in supply chain risk management - A cargo theft example", *NOFOMA 2018*, Kolding, Denmark.
- Ekwall, D. & Lantz, B. (2018), "Theft of goods in ports: A review of TAPA EMEA IIS statistics", *Publications of the Hazard Project*, nr 18:2018.
- Persson, M. & Lantz, B. (2017), "Plattformsstrategi och modularisering – Positiva effekter på lönsamhet", *Management of Innovation and Technology*, 2017:4, 7–8.
- Lantz, B. & Rosén, P. (2017), "Att använda kömodeller för att mäta kapacitet i ett system", *PLAN Forsknings- & tillämpningskonferens 2017*, Gothenburg, Sweden.
- Lantz, B. (2017), "Where should Captain Scott's support parties have turned back?", *2nd Alpine and Polar Mini Conference*, Gothenburg, Sweden.
- Persson, M. & Lantz, B. (2017), "Effects of product platform strategy on companies' financial performance", *CINet 2017*, Potsdam, Germany.
- Lantz, B. (2017), "Gender effects on online purchase and return behaviour: An experimental study", *Global Innovation and Knowledge Academy 2017*, Lisbon, Portugal.
- Persson, M. & Lantz, B. (2017), "Effects of product modularization on companies' financial performance", *24th Innovation and Product Development Management Conference*, Reykjavik, Iceland.
- Ekwall, D. & Lantz, B. (2017), "Cargo theft risk and security: Product and location", *NOFOMA 2017*, Lund, Sweden.
- Sternberg, H. & Lantz, B. (2016), "Antagonistic threats in the supply chain", *Logistics Research Network Conference 2016*, Hull, Great Britain.
- Persson, M. & Lantz, B. (2016), "Effects of customization and product modularization on financial performance", *R&D Management Conference 2016*, Cambridge, Great Britain.
- Lantz, B. & Isaksson, A. (2016), "The effects of governance on rake policies in poker", *16th International Conference on Gambling & Risk Taking*, University of Nevada, Las Vegas, USA.
- Hjort, K. & Lantz, B. (2016), "The impact of returns policies on profitability: An online fashion case", *Global Innovation and Knowledge Academy 2016*, Valencia, Spain.
- Lindlöf, L. & Lantz, B. (2015), "Effects of visualization on task communication in product development teams", *R&D Management Conference 2015*, Pisa, Italy.
- Edh Mirzaei, N. & Lantz, B. (2015), "Strategic consensus on manufacturing strategy: Operators' and managers' perceptions", *EurOMA 2015*, Neuchâtel, Switzerland.
- Ekwall, D. & Lantz, B. (2015), "Modi operandi for cargo theft in EMEA – a seasonality analysis", *European Research Seminar 2015*, Copenhagen, Denmark.
- Isaksson, A. & Lantz, B. (2015), "Outsourcing Strategies and Their Impact on Financial Performance in Small Manufacturing Firms in Sweden", *Global Conference on Business and Finance 2015*, Las Vegas, USA.
- Ekwall, D. & Lantz, B. (2013), "Cargo theft at non-secure parking locations", *NOFOMA 2013*, Gothenburg, Sweden.
- Ericsson, D., Hjort, K. & Lantz, B. (2012), "A bifocal approach to channel design", *5th European Forum on Market Driven Supply Chains 2012*, Brussels, Belgium.
- Hjort, K., Lantz, B., Ericsson, D. & Gattorna, J. (2012), "Customer segmentation based on buying and returning behaviour", *International Symposium on Logistics 2012*, Cape Town, South Africa.
- Ekwall, D. & Lantz, B. (2012), "Value and incident categories for cargo theft in Europe – Analysing TAPA EMEA statistics", *NOFOMA 2012*, Turku, Finland.

- Hamberg, M., Overland, C. & Lantz, B. (2011), "Cross-border acquisitions and insider ownership", *II World Finance Conference 2011*, Rhodes, Greece.
- Lantz, B. & Ottosson, C. (2011), "Föräldrars delaktighet i vårdprocessen på en neonatal intensivvårdsavdelning: Effekter på vårdplanering, personalplanering och lokalplanering", *Skrifter från Högskolan i Borås*, nr. 30.
- Lantz, B. (2007), "Reglering med intäktstak - incitament på kort och lång sikt", FE-rapport 2007:412, GU.
- Lantz, B. (2005), "Svenska nätbolags syn på nätnyttomodellen 2005", FE-rapport 2005:410, GU.
- Lantz, B. (2005), "Two-part pricing under revenue cap regulation", FE-rapport 2005:408, GU.
- Lantz, B. (2005), "Incitamentsreglering av monopol med styckvis linjär approximation av efterfrågan", FE-rapport 2005:407, GU.
- Lantz, B. (2004), "Svenska nätbolags syn på nätnyttomodellen", FE-rapport 2004:403, GU.
- Lantz, B. (2004), "Reglering med nätnyttomodellens princip - modellkalibrering och incitament", FE-rapport 2004:404, GU.
- Lantz, B. (2004), "Modeller för internprissättning: Re-analys av experimentella tester", FE-rapport 2004:406, GU.
- Lantz, B. (2003), "Nätnyttomodellens regleringsprincip", FE-rapport 2003:398, GU.
- Höjeberg, M. & Lantz, B. (2002), "Forskning och utbildning i regleringsfrågor", *Elforsk rapport 02-07*, Stockholm.
- Lantz, B., Ceder, A & Larsson J. (2002), "Internprissättning i svenska börsnoterade bolag", FE-rapport 2002:387, GU.
- Lantz, B. (1998), "Ett förslag till lösning på internprissättningsproblemet och problemet med bilaterala monopol", FE-rapport 1998:366, GU.

Non-scientific publications

- Lantz, B. (2011), "Optimal bankrullestorlek vid pokerspel av SnG-typ", *Poker.se*, February 2011.
- Lantz, B. (2010), "Varför gör vi kursvärderingar?", *Universitetsläraren* 18-10.
- Lantz, B. (2005), "Granskning av nätnyttomodellen såsom ekonomisk regleringsmodell", *Svensk Energi AB, Stockholm* (confidential).
- Lantz, B. (2005), "Om centrala gränsvärdessatsen och antalet parametrar i nätnyttomodellen", *Svensk Energi AB, Stockholm* (confidential).

Books

- Lantz, B. (2020), "Övningar i grundläggande statistisk analys", *Studentlitteratur AB, Lund*. ISBN 978-91-44-13715-5.
- Lantz, B. (2019), "Kömodeller – teori och övningar", *Studentlitteratur AB, Lund*. ISBN 978-91-44-12984-6.
- Lantz, B. (2018), "Linjär programmering – övningar i Excel och LINGO", *Studentlitteratur AB, Lund*. ISBN 978-91-44-12555-8
- Lantz, B. (2016), "Linjär programmering för industriell ekonomi", *Studentlitteratur AB, Lund*. ISBN: 978-91-44-11502-3.
- Lantz, B., Isaksson, A. & Löfsten, H. (2014), "Industriell ekonomi: Grundläggande ekonomisk analys", *Studentlitteratur AB, Lund*. ISBN: 978-91-44-09714-5.
- Lantz, B. (2011), "Den statistiska undersökningen", *Studentlitteratur AB, Lund*. ISBN: 978-91-44-07273-9.
- Lantz, B. (2009), "Grundläggande statistisk analys", *Studentlitteratur AB, Lund*. ISBN: 978-91-44-03775-2.
- Lantz, B. (2006), "Lär lätt! Statistik - övningsbok", *Ventus Publishing*. ISBN: 87-7681-020-8.
- Lantz, B. (2006), "Lär lätt! Statistik", *Ventus Publishing*. ISBN: 87-7681-019-4.
- Lantz, B. (2004), "Operativ verksamhetsstyrning – övningsbok med lösningar", *Studentlitteratur AB, Lund*. ISBN 91-44-04437-2.

- Lantz, B. (2003), "Operativ verksamhetsstyrning", Studentlitteratur AB, Lund. ISBN 91-44-03160-2.
- Lantz, B. (2000), "Internprissättning med effektiva incitament", BAS förlag, Göteborg. ISBN 91-7246-181-0 (PhD dissertation).

Book chapters

- Hjort, K., Lantz, B., Ericsson, D. & Gattorna, J. (2016), "Customer Segmentation Based on Buying and Returning Behaviour: Supporting Differentiated Service Delivery in Fashion E-Commerce". In Kulwant S. Pawar, Helen Rogers, Andrew Potter & Mohamed Naim (Eds.), *Developments in Logistics and Supply Chain Management: Past, Present and Future* (pp. 153-169), Palgrave Macmillan, London.

Editorial assignments

- Member of the Journal Topic Board of the journal *International Journal of Environmental Research and Public Health* (2019-pres.)
- Associate Editor of the journal *Electronic Commerce Research* (2012-pres.)
- Member of the Editorial Board of the journal *Electronic Commerce Research* (2012-pres.)

Scientific journal reviewer assignments

- Frontiers in Pharmacology
- World Review of Intermodal Transportation Research
- World Journal of Pediatrics
- Mathematical Methods of Operations Research
- Biology Letters
- European Journal of Innovation Management
- International Journal of Manufacturing Technology and Management
- Journal of Modern Statistical Methods
- Production Planning & Control
- Methodology: European Journal of Research Methods for the Behavioral and Social Sciences
- R&D Management
- Acta Paediatrica
- European Journal of Psychological Assessment
- International Journal of Retail & Distribution Management
- Frontiers in Psychological and Behavioral Science
- Journal of Clinical Epidemiology
- International Journal of Physical Distribution & Logistics Management
- Health Care Management Science
- Chinese Optics Letters
- African Journal of Business Management
- Electronic Commerce Research
- Journal of Manufacturing Technology Management

Other scholarly assignments

- Member of the grading committee on Petchprakai Sirilertsuwan's doctoral dissertation (University of Borås, 2020)
- Evaluation of a proposed research project (Responsiveness through Adaptive Buffering) for potential funding from KK-stiftelsen (Jönköping University, 2020)
- Member of the grading committee on Aineas Mallios' doctoral dissertation (Gothenburg University, 2019)

- Evaluation of one candidate (Olov Isaksson) seeking promotion to Senior Lecturer in Business Administration with a specialisation in Operations Management (Stockholm University, 2018)
- Evaluation of 5 candidates seeking a position as Senior Lecturer in Industrial Economics (University of Borås, 2017)
- Substitute member of the grading committee on Kristina Henricson Briggs' doctoral dissertation (Chalmers University of Technology, 2016)
- External reviewer ("opponent") on Annelie Pettersson's doctoral dissertation (Luleå University of Technology, 2015)
- Final seminar with evaluation of Victor Elliot's manuscript for PhD dissertation (Gothenburg University, 2014)
- Evaluation of 14 candidates seeking a position as Senior Lecturer in Business Administration with a specialisation in Operations Management (Stockholm University, 2013)

Experience of supervision and teaching

- Principal supervisor of current PhD student Lina Gharaibeh
- Principal supervisor of current PhD student Ritva Rosenbäck
- Principal supervisor of current PhD student Carina Fagefors
- Principal supervisor of PhD student Hanna Rydehell to completion
- Co-supervisor of PhD student Magnus Willeson to completion
- Co-supervisor of PhD student Magnus Olsson to completion
- Co-supervisor of PhD student Magnus Söderberg to completion
- Supervisor of ~70 theses on Bachelor or Master level
- >20 000 hours of university level course work, mostly in courses within operations management, operations research, statistics and economic analysis, mostly as examiner

Pedagogical education

- Handledarforum II, Chalmers University of Technology (2016)
- Supervision of Research, 3 ECTS, Chalmers University of Technology (2013)
- University Pedagogy, 15 ECTS, Gothenburg University (1999)

Academic administration and leadership

- Head of Unit, Innovation and R&D Management, Technology Management and Economics, Chalmers University of Technology, 2018–2020
- Director of Studies, Programme in Business and Economics, Gothenburg University, 2006–2008
- Director of Studies, Department of Business Administration, Gothenburg University, 2005–2006

Other academy-related merits

- In the top 0.4 % of those who took the Swedish scholastic aptitude test ("högskoleprovet") in October 2014. Had a similar result in 1990.