

# Curriculum Vitae

Sigrid Lise Nonås

## Personal

Born : March 18th, 1966, Bergen, Norway  
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## Education

2000 Dr. Scient. (Ph. D.) University of Bergen, Norway  
1993 Cand. Scient. (Master) University of Bergen, Norway  
1988 Cand. Mag. (Bachelor) University of Bergen, Norway

## Work Experience

2005 - Associate Professor, Department of Business and Management Science, NHH  
2002, 2004 Post. Doc., Department of Business and Management Science, NHH  
2001 Fall, 2003 Spring Associate Professor, Department of Information Science, University of Bergen  
2001 Fall Lecturer, Den Polytekniske Høgskolen  
2001 Spring Associate Professor, Molde College  
1996 - 1997 Lecturer, Molde College  
1993 - 1995 Lecturer, Western Norway University of Applied Science, Haugesund  
1990 - 1991 Research assistant, The Nansen Environmental and Remote Sensing Center

## Publications

- Dautzère-Pérès, S., Nonås, S.L. An improved decision support model for scheduling production in an engineer-to-order manufacturer. 4OR-Q J Oper Res 21, 247300 (2023) (Level 1 UHR)
- A maximum entropy approach to the newsvendor problem with partial information, European Journal of Operational Research, 2013, 228(1), 190-200 (with Jonas Andersson, Kurt Jörnsten, Leif K. Sandal and Jan Ubøe) (Level 2 UHR, Level 4 ABS)
- Mixed contracts for the newsvendor problem with real options and discrete demand, OMEGA, 2013, 41(5), 809-819 (with Kurt Jörnsten, Leif K. Sandal and Jan Ubøe) (Level 2 UHR, Level 3 ABS)
- Transfer of risk in the newsvendor model with discrete demand, OMEGA, 2012, 40(3), 404-414 (with Kurt Jörnsten, Leif K. Sandal and Jan Ubøe) (Level 2 UHR, Level 3 ABS)
- Refinery Planning and Scheduling: An Overview, in Energy, Natural Resources and Environmental Economics, Energy Systems (series), Springer, 2010, 115-130 (Level 2 UHR)

- Finding and identifying optimal inventory levels for systems with common components, European Journal of Operational Research, 2009, 193(1), 98-119. (Level 2 UHR, Level 4 ABS)
- Solving a combined cutting-stock and lot-sizing problem with a column generating procedure, Computers and Operations Research, 2008, 35(10), 3371-3392 (with Anders Thorstenson). (Level 2 UHR, Level 4 ABS)
- Optimal and heuristic solutions for a scheduling problem arising in a foundry, Computers and Operations Research, 2005, 32(9), 2351-2382 (with Kai Olsen). (Level 2 UHR, Level 4 ABS)
- A combined cutting-stock and lot-sizing problem, European Journal of Operational Research, 2000, 120(2), 327-342. (With Anders Thorstenson). (Level 2 UHR, Level 4 ABS)

### **Research monographs**

- Modelling and production planning for complex multi-item systems, Ph.D. thesis, Department of Informatics, University of Bergen, 2000.
- Aggregation of linear optimization problems, Cand. Scient. thesis, Department of Informatics, University of Bergen, Norway 1993

### **Submitted papers**

- A semi-Lagrangian Solution Method for the  $k$ -cardinality Travelling Salesman Problem, Comp

### **Work in progress**

- A multi-product purchasing system with quantity discount based on the weight of the total order, Nonås

### **Conferences**

- European Conference on Operational Research 2009, Bonn, Germany, Flexible Supply Chains in a global economy, Presenting Product-blending and product-shipment in an integrated oil company.
- European Conference on Operational Research 1998, Brussels, Belgium, Presenting A combined cutting-stock and lot-sizing problem
- International Conference on Flexible Supply Chains in a Global Economy, 2008, Molde University College, Norway, Presenting Product-blending and product-shipment in an integrated oil company.
- The Nordic Logistics Research Network (NOFOMA: Logistic in the New Valley, 2006, Oslo, Norway, Presenting Determination of optimal inventory levels for a component commonality problem using a gradient search method.
- TraLog (Transpotation, logistics, and supply chain optimization), 2004, Molde University College, Norway, A multi-product purchasing system with quantity discount based on products weight
- TheNordic Logistics Research Network (NOFOMA): Towards Sustainable Logistics and Supply Chain Management 2015, Molde Univeristy College, Norway, 2015

- CEMS Conference (Supply Chain Management) 2005, Riezlern, Austria, Presenting Optimal inventory levels for systems with common components
- Nordic Section of Mathematical Programming Society 2002, Nonas. Optimal inventory level for systems with common components, In proceedings.
- EURO summer institute: Production Scheduling, 1997, Italy
- Nordic Summer course in Mathematical Programming-Parallel algorithms, 1995, Sweden

#### **Invited research stays**

- Ecole des Mines de Saint Etienne, France, invited by professor Stephane Dauzere-Peres, 01.05.2007- 05.07.2007.
- Ecole des Mines de Nantes, France, invited by professor Stephane Dauzere-Peres, 01.05.2002- 31.08.2002.
- The Simon School, University of Rochester, USA, invited by professor Nils Rudi, 01.03.2001- 01.04.2001.
- University of Colorado, USA, invited by professor Fred Glover, 01.04.1997- 31.08.1997.

#### **Evaluation of applications for:**

- Molde Univeristy College: Associate professor positions
- University of Bergen: Post. doctoral positions
- Bergen University College: Post. doctoral positions
- Aarhus School of Business, Logistics/SCM Department: An associate professor position
- The Research Council of Norway: The Cooperation Program on Research and Higher Education with the countries on the Western Balkans

#### **Administrative nonacademic experience / Networks**

- Member of Resource Group Transport, Bergen Chamber of Commerce and Industry (2018-2024)
- Member of Norwegian Operations Research Society (2015 - )

#### **Administrative nonacademic experience**

- International referee in ice hockey 1991-1999. Participant in Olympic Games 1998, World Cup 1991-1999, European Cup 1992-1996.
- Member of the National Bandy Team from 1988-2003. Participant in World Cup 1988-2006.
- Member of the Rinkbandy committee, Norwegian Bandy Federation, 1994-2002 .Chairman in the committee 2001-2002.
- Member of the board, Norwegian Bandy Federation, 2005-2006.