

# Curriculum Vitae

## Sigrid Lise Nonås

### Personal

Born : March 18th, 1966, Bergen, Norway  
Address : Grønnesmauet 4  
5016 Bergen  
Norway  
Telephone : + 47 41932918  
Email : sigrid-lise.nonas@nhh.no

### Education

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

### Professional experience

Norwegian School of Economics	Associate Professor	2005 - current
Norwegian School of Economics	Post. Doc.	2002, 2004
University of Bergen, Department of Information Science	Associate Professor	Fall 2001, Spring 2003
Molde University College	Associate Professor	Spring 2001
Den Polytekniske Høgskolen	Lecturer	Fall 2001
Molde College	Lecturer	1996-1997
Stord/Haugesund College	Lecturer	1993-1995
The Nansen Environmental and Remote Sensing Center	Programming	1990-1991

### Publications

- 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)
- 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)
- 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)
- Refinery Planning and Scheduling: An Overview, in *Energy, Natural Resources and Environmental Economics, Energy Systems (series)*, Springer, 2010, 115-130
- Finding and identifying optimal inventory levels for systems with common components, *European Journal of Operational Research*, 2009, 193(1), 98-119
- 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)

- Optimal and heuristic solutions for a scheduling problem arising in a foundry, *Computers and Operations Research*, 2005, 32(9), 2351-2382 (with Kai Olsen)
- A combined cutting-stock and lot-sizing problem, *European Journal of Operational Research*, 2000, 120(2), 327-342 (with Anders Thorstenson).
- 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

### Work in progress

- A Semi-Lagrangian Approach for the k-cardinality Travelling Salesman Problem, Jörnsten and Nonås
- An improved decision support model for an engineer-to-order manufacturer, Dauzère Pères, Nonås, Olsen
- 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*
- The Nordic 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, Nonås. *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

### **Referee in scientific journals:**

- International Journal of Production Economics, European Journal of Operational Research, Computers and Operations Research, Journal of Scientific and Industrial Research.

### **External grader for master thesis at the following colleges/universities:**

- University of Bergen, Molde University College, NTNU, BI.

### **Administrative appointments**

- Teaching coordinator, Department of Finance and Management Science, NHH, 2009-2013.
- PhD coordinator, Department of Management Science, NHH, 2008-2012
- The head of the local (NHH) ministry of the Norwegian association of researchers, 2008-2016.

### **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.