



## STAFF CURRICULUM VITAE

**NAME:** Professor Peter BOGETOFT

**DATE OF BIRTH:** 1957

**NATIONALITY:** Danish

**LANGUAGES:** Speaks English, Danish, understands German.

**MARITAL STATUS:** Married, three children.

**ADDRESS:** Fru Ingesvej 19  
DK-4180 Sorö  
DENMARK

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**URL:** [www.cbs.dk/staff/pb](http://www.cbs.dk/staff/pb)

**SUMICSID POSITION:** Senior associate consultant (since 2000)

**ACADEMIC POSITION:** Professor  
Department of Economics  
Copenhagen Business School CBS  
Porcelaenshaven 16 A,  
DK-2000 Frederiksberg  
DENMARK

**LAST UPDATE OF CV:** Aug, 2012

## EDUCATION

- 1994 **Dr. merc.** (dr.hab.) Copenhagen Business School, Denmark.  
1975 – 1983 **M. Sc. (cand.scient.oecon)** in Mathematical Economics, University of Aarhus, Denmark.

## ACADEMIC POSITIONS

- 2012-2013 **Visiting Professor**  
Yale School of Management, Yale University
- 2007 – **Full Professor (Chair) in Applied Microeconomics**,  
Department of Economics, Copenhagen Business School, Denmark.
- 1998 – 1999 **Visiting researcher**,  
Department of Agricultural Economics, University of California at Davis,  
USA.
- 1995 – 2007 **Full Professor (Chair) in Managerial Economics**,  
Department of Economics and Natural Resources, The Royal Veterinary  
and Agricultural University /University of Copenhagen, Denmark.
- 1994 – 1995 **Visiting Researcher**,  
Yale School of Management, Yale University, USA.
- 1990 – 1995 **Associate Professor of Systems Science**, Institute of Computer and  
System Sciences (DASY), Copenhagen Business School, Denmark.
- 1988 – 1990 **Senior research fellow**, Institute of Computer and System Sciences  
(DASY), Copenhagen Business School, Denmark.
- 1986 – 1987 **Visiting Research Assistant**,  
Yale School of Management, Yale University, USA.
- 1984 – 1990 **Doctoral Student, Assistant Professor, Associate Professor in  
Management and Microeconomics**, Department of Management,  
Odense University, DK (on leave 88-90).
- 1984 **Assistant Professor in Operations Reseach** , Department of Operations  
Research, Aarhus University, DK.

## CONSULTING POSITIONS

- 2000 – **Senior Associate Consultant, SUMICSID GROUP**  
2008 – **Founder, owner, Ibensoft Aps**  
2010 – **Co-founder, Patrisia Aps**

## SCHOLARSHIPS AND AWARDS

- 1991 Tietgen Gold Medal, Copenhagen Business School / FUHU  
1993 Best Teacher's Award, Copenhagen Business School  
2002 Golden Bull Teaching Award Nominee, Royal Agricultural University  
2005 Golden Bull Teaching Award Nominee, Royal Agricultural University  
2010 FUHU Research Prize

## RESEARCH GRANTS AND PROJECTS

10-16 Strategic Research Council, Foundation of Electronic Markets (CFEM). 07-09 Norwegian Research Council, Woodcontracts with UMB, 06-09 NABITT Grant, Secure Information Management and Processing (SIMAP), 05-07 FSE Grant Structural Inefficiency, 05-07, SJVF Grant Interactive Benchmarking and Breeding Support, 05-06, SSF Grant, Incentives and Efficiency Evaluations, 02-04, N. and F. Jacobsens Foundation, Payment Schemes in Cooperatives, 01-02, EFP Grant, Benchmarking the production of combined heat and power, 00-02, SSF Grant, Visiting Researcher, UC Davis, 98-99, SJVF Grant, Multiple Uses of Natural Resources 98-02, N. and F. Jacobsen Foundation Grants, Cooperative Studies, 97-01, SSF-SNF Network Grant, Operations Research 96-02, SSF Network Grant, Industrial Economics 95-02, SSF Grant, Visiting Researcher, Yale University 94-95, SSF-SNF Network Grant, Mathematical Economics and Game Theory 94-97, SSF-SNF Network Grant, Mathematical Programming with Managerial Applications 93-96, SSF Grant, Visiting Ph.d. Student, Yale University 86-87

## SELECTED CONSULTING PROJECTS

- 2012 – 13      *e<sup>3</sup>GRID 2012 (AT, DE, SE, NO, NL, FR, UK, LU, FI, SE, DK, HU, IT, ES, EE, PT, CZ)*  
*International Benchmarking of Electricity TSOs*  
 Teamleader methodology for largest CEER TSO project for regulation, member of econometric team. SUMICSID in cooperation with Frontier Economics and Consentec.
- 2011 - 12      SFOE (CH) / *SWISSDEA*  
*DSO Benchmarking of Swiss Electricity DSOs*  
 Analysis and development of the efficiency assessment models for energy networks (electricity DSO), including (i) econometric analysis of cost drivers (ii) DEA model development, (iii) regulatory design advice. First DEA-benchmarking in collaboration with VSE (CH), 133 participants
- 2011            CREG / NEREUS  
*Efficiency Analysis of Belgium Electricity and Gas DSOs.*  
 Development of efficiency benchmarking models for electricity and gas distribution system operations in Belgium and implementation of interactive benchmarking tool for CREG (Commission de Regulation de l'Electricité et du Gaz, Belgium Electricity and Gas Regulator)
- 2010-            KREVI (Danish Evaluation Institute for Local Government)  
*Municipality analysis.*  
 Benchmarking of municipality activities, most notably schools, and the development of interactive benchmarking tool.
- 2009- 2010    Finland Energy Authority (FI)  
*EMV analysis.*  
 Review of regulation models for electricity distribution networks.
- 2009- 2010    Dutch Health Regulator (NZa)  
*Interactive Benchmarking for Hospital Sector.*  
 Development of web-based interactive benchmarking for Dutch hospital sector.
- 2009- 2010    SundeValg and Healthmarking (DK)  
*Health Promotion Site*

- 2008- 2010 A web-based system to keep track of nutrition and health status and to support changes in health behavior  
Danisco (DK) and NordSucker (GE)  
*Contract exchange*
- 2008-2010 Development and deployment of double auction system based on secure multiparty computations (see [www.partisia.com](http://www.partisia.com))  
International (NRA and TSO from 19 European countries)  
*e3GRID project*  
Full scale international benchmarking (lead by Bundesnetzagentur (DE) ) of electrical transmission systems operators (TSO) covering financing, construction, maintenance, planning, market facilitation and systems operation services.
- 2008-2010 Bundesnetzagentur (DE)  
*GERNER IV project*  
Analysis and development of the efficiency assessment models for energy networks (electricity and gas, DSOs and TSOs), including (i) econometric analysis of cost drivers (ii) DEA and SFA model development, (iii) Implementation in accordance with German Regulation Ordinance from 2009.
- 2008 Danish Tax Authority  
*Transferpricing and Benchmarking*  
Training and advice on the use of economic theory and benchmarking to set transfer pricing in multinational enterprises
- 2008 Canada Revenue Agency  
*Economics of transfer pricing.*  
Training and advice on the use of economic theory to set transfer pricing in multinational enterprises
- 2007- 2008 Dutch Health Regulator (NZa)  
*Merger Analyses.*  
Development of methods and software to evaluate potential efficiency gains from mergers.
- 2007- 2008 Dutch Health Regulator (NZa)  
*Benchmarking Support Services.*  
Training and advice in the use of advanced benchmarking methods in regulation.
- 2007- Danish Water and Waste Water Association (DANVA)  
*Benchmarking Support Services.*  
Advice, software development and training in the use of advanced methods for process and organizational benchmarking.
- 2007 CREG / RAMIEL (BE)  
*Setting the X-factor for Gas and Electricity Toss*  
Benchmarking and regulatory design project for setting the Revenue cap, in particular the X-factor for the Belgian electricity and gas TSOs (Elia and Fluxys).
- 2007 DIGINN (NO-SE)  
*Decentralized generation project*  
Researcher in larger applied project on Decentralized Energy Resources in the Integrated Nordic Energy Market, responsible for impact analysis on network regulation, contracting design and unbundling rules.
- 2007 EBL-KS-FSN (NO)  
*Cost Model project*

- Analysis, evaluation and prospecting of alternative cost norm models for electricity distribution in the Norwegian market, including an assessment of the current Norwegian regulation model
- 2006 – 2007 Orkustofnun (IS)  
*ICEDISC project*  
Analysis and development of the efficiency assessment models for electricity distribution networks, including (i) econometric analysis of cost drivers (ii) DEA and SFA model development, (iii) regulatory design advice, (iv) establishment of an international reference set for the benchmarking, and (v) establishment of interactive benchmarking system.
- 2006-2007 Dutch Ministry of Health (VWS)  
*Markets and Regulation.*  
Three rounds of training in the use of market and regulation theory in health care restructuring
- 2006 Bundesnetzagentur (DE)  
*GERNER project*  
Analysis and development of the efficiency assessment models for energy networks (electricity and gas), including (i) econometric analysis of cost drivers (ii) DEA and SFA model development, (iii) regulatory design advice and (iv) training seminars at 3 levels.
- 2005-2006 Finland Energy Authority (FI)  
*EMV project*  
Analysis and development of the alternative efficiency assessment models for electricity distribution systems including econometric analysis of cost drivers for a SFA model and validation of DEA formulations.
- 2005 International (SE, FI, DK, NO)  
*NEMESYS project*  
Analysis and development of a pan-Nordic regulation system for electricity distribution systems, including (i) empirical stakeholder analysis, (ii) theory for regulatory harmonization, (iii) new regulatory mechanisms and (iv) multidimensional feasibility studies.  
Commissioned by Nordenergi
- 2005 Dutch Tax Authority (DTA)  
*Transfer-pricing.*  
Training in the use of economic approaches to transfer pricing problems
- 2004 International (NL, A, PT, DK, NO)  
*ECOM+ 2004 project*  
Full scale international benchmarking of construction, operations and maintenance for transmission system operators, method development, data collection and analysis.
- 2004 Norwegian Energy Regulator NVE  
*Dynamic Regulation, Efficiency Model Development, Norm Models*  
Several projects. Suggested dynamic yardstick elements for the 2007 regulatory revision of electricity distribution.
- 2003- National Audit Office of Denmark  
Training and methodological evaluations
- 2003 International (NL, A, BE, DK, NO)  
*ECOM+ project*  
Full scale international benchmarking of construction, operations and maintenance for transmission system operators, method development, data collection and analysis.

- 2003 International (NL, DK, NO, SE, SF)  
*TSO Charter Project*  
Developed a comprehensive performance assessment framework for transmission operators, called the TSO Charter of Accountability.
- 2003 Norwegian Energy Regulator NVE  
*Integrated Parallel Energy Network Regulation*  
Research projects on the regulation of alternative electricity distribution technologies, suggesting areas of further study.
- 2003 Norwegian Energy Regulator NVE  
*Ex-post Energy Regulation*  
Project to investigate the use of ex post elements for updating in the electricity distribution regulation.
- 2003 Norwegian Energy Regulator NVE  
*Technical Norm Models in Regulation*  
Project with empirical and analytical emphasis, exploring the Chilean, Spanish and Swedish technical regulation models for prospective use in the Norwegian regulation.
- 2002-2004 Credit Union National Association, USA  
*Benchmarking system development*  
Development of interactive benchmarking system, CUBenchmarker for more than 10,000 credit unions.
- 2001 Swedish Energy Agency  
*Incentive Regulation*  
Exploratory project to strategically examine the impact and power of DEA regulatory benchmarking in a light-handed regulation regime. Several follow-up sessions under 2002-2003.
- 2002-3 Swedish Energy Agency  
*Training Courses in DEA for Regulation*  
Full training package with Per Agrell including pre-assessment, lectures, exercise material, coaching, and certification for selected civil servants using the DEA method developed in 2000.
- 2000 Swedish Energy Agency  
*Design, Validation and Testing of A New Efficiency Measurement Method for Electricity Distribution Utilities..*  
Published and implemented in the authority's monitoring practice.

## RESEARCH CONTRIBUTIONS

### INTERNATIONAL BOOKS

- Planning with Multiple Objectives: Investigation, Communication and Choice*, with P.Pruzan, pp.1-367, North Holland, 1991.
- Non-Cooperative Planning Theory*, pp.1-314, Springer-Verlag, 1994.
- Planning with Multiple Objectives: Investigation, Communication and Choice*, with P.Pruzan, 2.edition, pp.1-367, CBS-Press, 1997.
- Design of Production Contracts: Lessons from Theory and Agriculture*, with Henrik B. Olesen, pp. 1-207, CBS-Press, 2004

*Cooperatives and payment schemes*, with H.B.Olesen, CBS Press, 2007

*Benchmarking with DEA, SFA and R*, with Lars Otto, Springer, New York, pp. 1-351, 2011.

*Performance Benchmarking: Measuring and Managing Performance*, Springer, New York, pp. 1-263, to appear 2012

## SELECTED REFREED JOURNAL ARTICLES

General Communication Schemes for Multiobjective Decision Making, *European Journal of Operational Research*, 26, pp. 108-122, 1986.

On the Convergence of Reference Point Methods in Multi-objective Programming, with Å.Hjallefjord and M.Kok, *European Journal of Operational Research*, 34, pp. 56-68, 1988.

Dual Decomposition Schemes for Multicriteria Decision Making, with J.Tind, *Journal of Mathematics Applied in Business and Industry*, 6, pp.269-279, 1990.

A New Rationale for Pluralism: Relative Performance Evaluations and Incentive Costs, *European Journal of Political Economics*, 6, pp.217-244, 1990.

A Note on Conflict Resolution and Truth-telling, *European Journal of Operational Research*, 60, pp.109-116, 1992.

Parallelism in Information Production: Moral Hazard and Relative Performance Evaluation, *Management Science*, 39, pp.448-457, 1993.

Price-Directive Decision Making in Hierarchical Systems with Conflicting Preferences, with J.Tind and C.Ming, *Journal of Multi-Criteria Decision Analysis*, 3, pp.65-82, 1994.

Incentive Efficient Production Frontiers: An Agency Perspective on DEA, *Management Science*, 40, pp.959-968, 1994.

Incentives and Productivity Measurements, *International Journal of Production Economics*, 39, pp. 67-81, 1995.

DEA on Relaxed Convexity Assumptions, *Management Science*, 42, pp. 457-465, 1996.

DEA-Based Yardstick Competition: The Optimality of Best Practice Regulation, *Annals of Operations Research*, 73, pp. 277-298, 1997.

Efficiency Evaluations Based on Potential (Non-Proportional) Improvements, with J.L.Hougaard, *Journal of Productivity Analysis*, 12, pp.231-245, 1999.

Selection From Many Investments With Managerial Private Information, with R.Antle and A.Stark, *Contemporary Accounting Research*, 16, pp 397-418, 1999

DEA and Activity Planning under Asymmetric Information, 13, pp. 7-48, *Journal of Productivity Analysis*, 2000.

Convex Input and Output Projections of Nonconvex Production Possibility Sets, with J.M. Tama and J.Tind, *Management Science*, 46, No 6, pp. 858-869, 2000.

Information Systems, Incentives and the Timing of Investments, with R.Antle and A Stark, *Journal of Accounting and Public Policy*, 20, No 4-5, pp. 267-294, 2001

- Land Use Optimisation by Self-Organising Algorithms, with N. Strange and H. Meilby, *Natural Resource Modelling*, 14(4), pp. 541-574, 2001
- Incentive Plans for Productive Efficiency, Innovation and Learning, with P. Agrell and J. Tind, *International Journal of Production Economics*, 78, pp. 1-11, 2002.
- Ten Rule of Thumb in Contract Design: Lessons from Danish Agriculture, with H.B. Olesen, *European Review of Agricultural Economics*, 29, pp. 185-204, 2002
- Incentives, Information Systems and Competition, with H. B. Olesen, *American Journal of Agricultural Economics*, 85(1), pp. 234-247, 2003.
- Single Bid Restriction in Milk Quota Exchanges, with K. Nielsen, H. Olesen, *European Review of Agricultural Economics*, 30, pp. 193-215, 2003.
- Efficiency and Merger Gains in The Danish Forestry Extension Service, with N. Strange and B.J. Thorsen, *Forest Science*, 49 (4), pp. 585-595, 2003.
- Rational Inefficiency, with J.L. Hougaard, *Journal of Productivity Analysis*, 20, pp. 243-271, 2003.
- Super Efficiency Evaluation Based on Potential Slack, with J.L. Hougaard, *European Journal of Operational Research*, 152, pp. 14-21, 2004.
- Quality Incentives and Supply Chains: Managing Salmonella in Pork Production, with Henrik B. Olesen, *American Journal of Agricultural Economics*, 86(3), pp. 825-830, 2004.
- Economic and Environmental Efficiency of District Heating Plants, with P. Agrell, *Energy Policy*, 33/10, pp. 1351-1362, 2005.
- Estimating the Potential Gains from Mergers, with D. Wang, *Journal of Productivity Analysis*, 23, pp. 145-171, 2005.
- DEA and Dynamic Yardstick Competition in Scandinavian Electricity Distribution, with P. Agrell and J. Tind, *Journal of Productivity Analysis*, 23, 173-201, 2005.
- Efficiency Evaluation with Convex Pairs, with P. Agrell, M. Brock and J. Tind, *AMO - Advanced Modeling and Optimization*, 7(2), 155-181, 2005.
- An Information Economic Rationale for Cooperatives, *European Review of Agricultural Economics*, 32 (2), 191-217, 2005.
- Internet Based Benchmarking, with K. Nielsen, *Journal of Group Decision and Negotiation*, 14 (3), 195-215, 2005
- Allocative Efficiency of Technically Inefficient Production Units, with R. Färe and B. Obel, *European Journal of Operational Research*, Available online 3 August 2004, 168 (2), 450-462, 2006.
- Balanced Benchmarking, with J.M. Bramsen and K. Nielsen, *International Journal of Business Performance Management*, 8(4), 274-289, 2006.
- Reallocating Sugar Beet Contracts: Can Sugar Production Survive in Denmark?, with K. Boye, H. Neergaard-Petersen and Kurt Nielsen, *European Review of Agricultural Economics*, 34(1), 1-20, 2007.
- Gains from Quota Trade: Theoretical models and an applications to the Danish Fishery, with J.L. Andersen, *European Review of Agricultural Economics*, 34 (1), 105-127, 2007.
- A Bureaucrat's Procurement Strategy, with S. Anthon and B.J. Thorsen, *Annals of Public and Cooperative Economics*, 78(2), 221-244, 2007.



- Socially Optimal Procurement with Tight Budgets and Rationing, with S. Anthon and B.J. Thorsen, *Journal of Public Economics*, 91, 1625-1642, 2007.
- DEA Based Auctions, with K.Nielsen, *European Journal of Operational Research*, 184, 685-700, 2008.
- Dynamic Network DEA: An Illustration, with R.Färe, S.Grosskopf, K. Hayes and L. Taylor, *Journal of the Operations Research Society of Japan*, 52 (2), pp 147-162, 2009.
- Rational Inefficiency in Fishery, with J.Andersen, *Journal of Business Economics* (Zeitschrift für Betriebswirtschaft ZfB), pp 63- 79, Nr 4, 2009.
- Rationalising DEA estimated inefficiencies, with Asmild, M and J.L.Hougaard, *Journal of Business Economics* (Zeitschrift für Betriebswirtschaft ZfB), ), pp 87- 97, Nr 4, 2009.
- Rationalizing (In)Efficiency through Price Coordination, with Färe, R and S. Grosskopf, *Journal of Business Economics* (Zeitschrift für Betriebswirtschaft ZfB), ), pp 81-86, Nr 4, 2009.
- Secure Multiparty Computation Goes Live, with D.L. Christensen, I. Damgard, M.Geisler, T.Jakobsen, M. Krøigaard, J. Dam Nielsen, J. Buus Nielsen, K. Nielsen, J.Pagter, M. Schwartzbach and T.Toft, *Financial Cryptography*, pp 325-343, 2009.
- Ten Design Issues in Public Service Contracting, with A.C.Lindholst, *Public Administration*, (to appear)
- Potential gains from hospital mergers in Denmark, with Troels Kristensen and Kjeld Møller Pedersen, *Health Care Management Science*, 13, No 4, pp. 334-345, 2010.
- The European university landscape: A micro characterization based on evidence from the Aquameth project, with Cinzia Daraio ea, *Research Policy*, pp. 1-17, available online on Science Direct, 3. Dec. 2010.
- Managerial Challenges in Public Service Contracting: Lessons in Green-Space Management, with A.C.Lindholst, *Public Administration*, 89, pp. 1036-1062, 2011.
- Productivity and Education: Benchmarking of elementary and lower secondary schools in Denmark, with J. Wittrup, *Nordic Economic Policy Review*, No 2/2011, pp. 257-294, 2011.
- Efficient and Confidential Reallocation of Contracts: How The Danish Sugar Industry Adapted to The New Sugar Regime, with Nielsen, K., *Journal of Business Economics* (Zeitschrift für Betriebswirtschaft ZfB), 82 (2), pp. 165-180, 2012.
- Rationalizing Inefficiency: Staff Utilization in Branches of a Large Canadian Bank, with M. Asmild and J.L. Hougaard, *Omega*, to appear 2011.

## SELECTED BOOKS AND BOOK CHAPTERS

- Choosing Between Models of Choice: On the Selection of MCDM Planning Modes*, pp. 69-84 in F.Helles, P. Holten-Andersen and L. Wichmann, *Multiple Use of Forests and Other Natural Resources, Aspects of Theory and Application*, Kluwer Academic Publishers, 1999.
- Payment Schemes for Cooperatives*, with H.B.Olesen, pp. 1-233, DSR Publishers, 2000 (In Danish), 2001 (In English 2005)

- Should Health Regulators Use DEA ?*, with P. Agrell, pp. 133-154 in Fidalgo, E.G. e.a. (eds), *Coordinación e Incentivos en Sanidad*, Asociación de Economía de la Salud, Barcelona, 2001.
- DEA Based Yardstick Competition in Natural Resource Management*, with K. Nielsen, pp. 103-126, in Helle, F., N. Strange and L. Wichmann (eds), *Recent Accomplishments in Applied Forest Economics Research*, Kluwer Academic Publisher, 2003.
- Evolutionary Regulation: From CPI-X towards contestability*, with P. Agrell, ENCORE position paper, 2004.
- Incentive Schemes and Salmonella in Pork*, with Henrik B. Olesen, pp. 173-183 in Scheifer and U. Rickert (eds), *Quality Assurance, Risk Management and Environmental Control in Agriculture and Food Supply Networks*, ILB Press, 2004.
- The University Benchmark: An Interactive Computer Approach*, with H.O. Fried and Ph. Vanden Eeckhout, in "Universities as Strategic Units", A. Bonaccorsi and C. Daraio (eds), PRIME Series on European Research, to appear 2006.
- A Practical Implementation of Secure Auctions based on Multiparty Integer Computation*, with I. B. Damgård, T. Jakobsen, K. Nielsen, J. Pagter and T. Toft, *Financial Crypto*, 2006
- Sales Distortion in Heterogenous Cooperatives*, with H.B. Olesen, pp. 213-223 in "Vertical Markets and Cooperative Hierarchies", K. Karantininis and J. Nilsson (eds), Springer, 2007
- Incentive Problems and Investment Timing Options*, with R. Antle and A. Stark, Ch 5 in R. Antle, P.J. Liang, F. Gjesdal (Eds.) *Essays in Accounting Theory in Honour of Joel S. Demski*, Springer Verlag, Jan 2007.
- Yardstick competition for multi-product hospitals*, with P.J. Agrell, R. Halbersma and M.C. Mikkers, NZa Research Paper, 2007/01, NZa Research Paper, 2007
- Organizing and regulating hospital and physician investments*, with M. Mikkers, NZa Research Paper, 2007/08, Utrecht, NL, 2007.
- Thoughts about network DEA*, with R. Färe and S. Grosskopf, pp. 1-4, *Proceedings of DEA Symposium 2008*, Seikei University, Japan.
- Network DEA: Some applications and illustrations*, with R. Färe, S. Grosskopf, K. Hayes and L. Taylor, pp. 5-12, *Proceedings of DEA Symposium 2008*, Seikei University, Japan
- Multiparty Computation Goes Live*, with D.L. Christensen, I. Damgaard, M. Geisler, T. Jakobsen, M. Krøigaard, J. Dam Nielsen, J. Buus Nielsen, K. Nielsen, J. Pagter, M. Schwartzbach and T. Toft, *Cryptology ePrint*, 68, 1-7, 2008 (<http://eprint.iacr.org>)
- Incentives and Efficiency Evaluations: Motivation and Regulation using Data Envelopment Analysis, with P. Agrell, Springer Verlag, 2008, in preparation.
- A micro characterization of the European university landscape: evidence from the Aquameth project*, Several Authors, Working Paper, 2008.
- The SIMAP Contract Exchange – A Simple, Efficient and Secure Way to Trade Contracts*  
(In Danish: SIMAP kontraktbørs – simpel, effektiv og sikker handel med kontrakter), with D.L. Christensen, I. Damgaard, T. Jakobsen, K. Nielsen and J. Pagter, *Tidsskrift for Landøkonomi*, nr. 2, 2008.
- Efficiency Gains from Mergers in the Healthcare Sector*, with K. Katona, Research Paper 2008-1, pp. 1-211, NZA, The Netherlands, 2008

- Ten Design Issues in Public Service Contracting*, with Lindholst, A.C, S. Sullivan and T.B.Randrup, WP LIFE-KU, pp.1-40, 2008
- Interactive benchmarking - An Analyst application for dairy farms*, with T. Sipiläinen, S. Ovaska, and K.Nielsen, (in Finish: Vuorovaikutteinen benchmarkkaus - Analyst-ohjelma maitotiloille ), pp. 34-48, in S. Ovaska, T.Sipiläinen, M. Ryhänen and M.Ylätaalo(eds), *Tilavertailut maidontuotannossa – haasteita ja mahdollisuuksia*, MTT Helsinki, 2009.
- The gains and losses of mergers between hospitals*, with Misja Mikkers, pp. 63-78 in Jos L.T.Blank(Ed), *The appropriate scale – Essays on the increase of scale in health care and education*, (in Dutch), Shaker Publishing, 2009.
- Harmonizing the Nordic Regulation of Electricity Distribution*, with P.J.Agrell, pp. 1-25 in Bjørndal, E., M. Bjørndal and M. Rönneqvist (eds), *Energy, Natural Resource and Environmental Economics*, Springer Verlag 2010.
- Network Regulation under Climate Policy Review*, with P.J.Agrell, EUI Working Paper RSCAS 2010/67, Robert Schuman Centre for Advanced Studies, European University Institute, 2010.
- Efficient and Confidential Reallocation of Contracts*, with K. Nielsen, Submitted paper, pp. 1-15, 2010.
- Rationalizing Inefficiency: Staff Utilization in Branches of a Large Canadian Bank*, with M. Asmild and J.L. Hougaard, Submitted paper, pp. 1-23, 2010.

## CONFERENCE PARTICIPATION

Participated in numerous international scientific conferences since 1984, acting as program committee member, presenting papers, charing sessions, acting as discussant for other papers and giving plenar talks.

## RECENTLY ORGANIZED CONFERENCES AND WORKSHOPS

Fifth European Workshop on Efficiency and Productivity Analysis, Oct 97

Second Berkeley-KVL Conference and Workshop on Multiple-Use Planning of Natural Resources, August 98

Sixth European Workshop on Efficiency and Productivity Analysis, Oct 99

Contracts in Agriculture, Sept 00

Economics of Contracts in Agriculture, First Annual Conference, 2001

Economics of Contracts in Agriculture, Third Annual Conference, 2003

## INVITED LECTURES

Invited to give talks and tutorials at numerous universities world-wide, including Yale University (USA), University of California (USA), INSEAD (France), Université Catholique de Louvain (Belgium), Helsinki School of Economics (Finland), University of New South Wales (Australia), University of Pretoria (South Africa) and Peking University (China)

## THESIS SUPERVISION

Main advisor on 15 ph.d. theses on Ethical Accounting, Productivity Analysis, Decision Support Systems, Contracting Theory, Industrial Organization, Cooperative Theory, Sector Models, Conflict Resolution, Regulation, Auction Design etc. Supervision of numerous M.Sc. theses, B.A. theses etc.

## TEACHING EXPERIENCE

Decision Theory, OR, Planning Theory, Managerial Economics, Micro-economics, Industrial Economics, Game Theory, Agency Theory, Cooperative Theory etc...

## ACADEMIC SERVICE

Study Director, ELITE Program in Economics and Finance 2008-, Ph.d coordinator, CBS, 2008-, Head of Economics Section, Royal Veterinary and Agricultural University 96-97, Head of Mathematical Business Economics Program, Copenhagen Business School 92-94.

External examiner at Danish universities and business schools since 1988 in Economics, Managerial Economics, Mathematics and Statistics. Member of selection and ph.d. committees at Aarhus University, Odense University, University of Copenhagen, Copenhagen Business School, Danish Technical University, Royal Agricultural University, Stockholm School of Economics, Université Catholique de Louvain (CORE)

## REFeree ASSIGNMENTS

European Journal of Operational Research, European Journal of Political Economics, European Journal of Agricultural Economics, Group Decision and Negotiation, Journal of Economics and Management Strategy, Journal of Multi-Criteria Decision Analysis, Journal of Productivity Analysis, Management Science, Organizational Science, Socio-Economic Planning Sciences, The International Journal of Production Economics, Springer-Verlag Lecture Notes Series etc..