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CURRICULUM VITAE

Professor Kaisa Miettinen

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===**Personal**

Date and place of birth: July 25, 1965, Sulkava, Finland

Citizenship: Finnish

===**Education**

Doctor of Philosophy (Mathematical Information Technology), University of Jyväskylä, 1994

Licentiate in Philosophy (Mathematical Information Technology), University of Jyväskylä, 1990

Master of Science (Mathematics), University of Jyväskylä, 1988

===**Docent**

Docent in Information Technology at the University of Jyväskylä since September 1997 (teaching area: optimization)

Docent at the Helsinki School of Economics, Quantitative Methods of Economics and Management Science since 2008 (special area: mathematical methods and applications of decision making)

===**Professional Experience**

- + September 2007 –: Professor in industrial optimization, University of Jyväskylä (first part-time: September – December 2007)
- + January 2004 – December 2007: (appointed since September 2003) Professor in financial mathematics, Helsinki School of Economics (part-time: January 2004 – April 2005 and September – December 2007)
- + January 2004 – April 2005: Part-time professor in optimization, University of Jyväskylä

- + January 2000 – December 2003: Senior Fellow, Academy of Finland (Academy Research Fellow since January 2001)
- + September 1998 – December 1998: Research Scholar, IIASA, Austria
- + August 1998 – December 1999: Postdoctoral Researcher, Academy of Finland
- + January 1998 – July 1998: Researcher, Academy of Finland
- + August 1997 – December 1997: Postdoctoral Researcher, Academy of Finland
- + August 1996 – July 1997: Researcher, Academy of Finland
- + August 1995 – July 1996: Researcher, University of Jyväskylä
- + August 1994 – July 1995: Assistant Professor, Scientific Computing, University of Jyväskylä
- + June – July 1994: Assistant, Applied Mathematics, University of Jyväskylä
- + January – May 1994: Researcher, University of Jyväskylä
- + 1993: Assistant, Applied Mathematics, University of Jyväskylä
- + 1992: Research assistant, University of Jyväskylä
- + 1991: Researcher, University of Jyväskylä
- + 1989–1990: Research assistant, Ministry of Education
- + March – December 1988: Assistant, Applied Mathematics, University of Jyväskylä
- + November – December 1987: Assistant, Mathematics, University of Jyväskylä

===**Research Interests**

- + Multiobjective optimization (including methods, theory and applications)
- + Software for multiobjective optimization (including usability, own contribution: WWW-NIMBUS, <http://nimbus.it.jyu.fi/>, the first interactive software for multiobjective optimization operating on the Internet and IND-NIMBUS, <http://ind-nimbus.it.jyu.fi/>, for industrial problems)
- + Multiple criteria decision making and multiattribute decision analysis
- + Mathematical programming (including nonlinear and global optimization, e.g., genetic algorithms and hybrid methods)

===**Member of Societies**

- + Mathematical Programming Society
- + International Society on Multiple Criteria Decision Making (MCDM)
- + EUROPT – The Continuous Optimization Working Group of EURO
- + European Working Group "Multiple Criteria Decision Aiding"
- + Finnish Operations Research Society
- + Finnish Society on Computational Sciences

===**Scientific Positions of Trust**

- + President-Elect of the International Society on Multiple Criteria Decision Making 2008–2011 and President 2011–2015
- + General Vice-Chair (and Chair-Elect) of EUROPT – The Continuous Optimization Working Group of EURO 2008–2010 and Chair 2010–2012
- + Member of the International Steering Committee of OIPE – Workshop on Optimization and Inverse Problems in Electromagnetics Series, 2008–2010
- + Member of the Managing Board of EUROPT – The Continuous Optimization Working Group of EURO, 2006–2008
- + Member of the Working Group appointed by the Ministry of Education in Finland for the National Development of Computational Sciences, 2006–2007

- + Member of the Systems Analysis Division of the Scientific Advisory Board for Defence, 2006–2009
- + Vice-president of the managing board of the joint project “Multiobjective Optimization and Multidisciplinary Decision Support” belonging to the Modelling and Simulation technology programme of Tekes, the Finnish Funding Agency for Technology and Innovation, 2007
- + Vice-president of the Finnish Society on Computational Sciences, 2007–2008
- + Member of the board of the Finnish Operations Research Society, 2007
- + Member of the Bachelor’s and Master’s Degree Program planning committee at Helsinki School of Economics, Department of Business Technology, 2005–2007
- + Member of the Advisory Board of the SCOMA (Scientific Computing and Multidisciplinary Applications) Centre, University of Jyväskylä, 2005–
- + Member of the Support Group for Innovation Activities at the University of Jyväskylä, 2004–2007
- + Deputy of the board of the Finnish Operations Research Society, 1997–2001, 2004–2006
- + Member of the Expert Pool of the Academy of Finland, 2004–
- + Custodian (chairperson) in the public examinations of the doctoral dissertations of Heikki Maaranen and Marjo Haarala, University of Jyväskylä, 2004. Custodian in the public examinations of the doctoral dissertation of Jussi Hakanen, University of Jyväskylä, 2006. Chairperson in the public examinations of the doctoral dissertation of Pekka Malo, Helsinki School of Economics, 2007. Custodian in the public examinations of the doctoral dissertation of Iryna Yevseyeva, University of Jyväskylä, 2007.
- + Member of the board of directors of the Jyväskylä Graduate School in Computing and Mathematical Sciences (COMAS), University of Jyväskylä, 2003–2005, 2007–
- + President of the Finnish Operations Research Society, 2002–2003
- + Member of the board of directors of the Center for Mathematical and Computational Modeling (CMCM), University of Jyväskylä, 1999–2003
- + Secretary of the International Society on MCDM, 1997–
- + Deputy of the executive group of information management at the University of Jyväskylä, 1997–2004
- + Deputy of the board of the Computing Center at the University of Jyväskylä, 1997–2004
- + Deputy of the department council at the Department of Mathematics, University of Jyväskylä, 1993–1996

===Scientific Tasks as an Expert

- + Invited plenary-presentations, tutorials and presentations in several scientific conferences (see Appendix)
- + Member of the management group of the project “Optimization of Wastewater Treatment by Process Modelling and Simulation”, Pöyry Environment Oy (Maa ja Vesi Oy) (project belongs to the Finnish national technology program on Modeling and Simulation (MASI) funded by Tekes, the Finnish Funding Agency for Technology and Innovation)
- + Expert in the project Numerrin – Expert System for Modelling, Numerola Oy, funded by Tekes, the Finnish Funding Agency for Technology and Innovation, 2005–2008
- + External expert in filling a position as an assistant senior lecturer in Optimization

- at the University of Gteborg, Sweden, 2008
- + Reviewer of a project proposal for the ETH Zurich Research Commission, Switzerland, 2007
 - + Reviewer of a project application for the Lithuanian State Science and Studies Foundation, Lithuania, 2007
 - + Reviewer of the candidate proposal for the membership of TWAS – the Academy of Sciences for the Developing World, 2007
 - + Reviewer of research project applications for the National Research Foundation (NRF), South Africa, 2005, 2006
 - + Member of the Editorial Board, Optimization Letters, 2005–
 - + Reviewer for Zentralblatt für Mathematik, 2003–
 - + Member of the Editorial Board, Journal of Global Optimization, 2001–
 - + Invited expert in optimization in the Mathematics in Industry Study Group, Johannesburg, South-Africa, January 24–28, 2005
 - + Referee for the Academy of Finland in the competition “Viksu” in science for senior high school students, 2003
 - + Opponent in the public examination of the Dissertation “Majorization and k-majorization as an Approach to Some Problems in Optimization and Eigenvalue Estimation by Ari Virtanen (in Mathematics), University of Tampere, 2006
 - + Chairperson of the evaluation board of the Dissertation “A Stepwise Refinement Approach for Approximating the Pareto Surface in Nonlinear Multiobjective Optimisation” by Pertti Pulkkinen, Helsinki School of Economics, 2006
 - + Opponent in the examination of the Licentiate Thesis “Automated Teller Machine Network Market Structure and Cash Usage” by Heli Snellman, Helsinki School of Economics, 2006
 - + Expert member of the evaluation committee of the Dissertation “Cost-Effective Evolutionary Strategies for Pareto Optimal Front Approximation in Multiobjective Shape Design Optimization of Electromagnetic Devices” by Marco Farina, University of Pavia, Italy, 2002
 - + Evaluator of the Licentiate Thesis “On the Concept of Subgradient and Subgradient Methods for Convex, Nonsmooth Minimization” by Seppo Pulliainen (in Finnish), University of Turku, 2001
 - + Examiner of the Dissertation “On Decentralized Computation of Pareto-Optimal Solutions in Multi-Party Negotiations” by Pirja Heiskanen, Helsinki School of Economics and Business Administration, 2000
 - + Referee for the journals Annals of Operations Research, Chemometrics and Intelligent Laboratory Systems, Computers & Operations Research, Decision Support Systems, European Journal of Operational Research, Fuzzy Sets and Systems, IEEE Transactions on Neural Networks, International Journal for Numerical Methods in Engineering, International Journal of Production Economics, International Transactions in Operational Research, Journal of Multi-Criteria Decision Analysis, Journal of Optimization Theory and Applications, Journal of Parallel and Distributed Computing, Mathematical Programming, Mathematics of Operations Research, Naval Research Logistics and Theory and Decision
 - + Referee for the publications ”Proceedings of the 7th International Conference devoted to Multi-Objective Programming and Goal Programming”, (ed. by V. Barichard, M. Ehrgott, X. Gandibleux and V. T’Kindt), ”Proceedings of the 15th International Conference on Multiple Criteria Decision Making” (ed. by M. Köksalan, S. Zionts), ”Proceedings of the 13th International Conference on

- Multiple Criteria Decision Making” (ed. by T. Stewart, R. van den Honert), ”Multi-Objective Programming and Goal Programming: Theories and Applications” (ed. by M. Tamiz) and ”Multiple Criteria Decision Analysis: State of the Art Surveys” (ed. by J. Figueira, S. Greco, M. Ehrgott)
- + Referee for the conference papers in conferences GECCO 2005, Genetic and Evolutionary Computation Conference (Washington D.C., USA, 2005), 7th International Conference on MultiObjective Programming and Goal Programming (Tours, France, 2006) and 2007 IEEE Symposium on Computational Intelligence in Multi-Criteria Decision-Making (Hawaii, USA, 2007)
 - + Editor in chief of the journal INFORS – membership journal of the Finnish Operations Research Society, 2002–2003

===Teaching and Supervision – Experience and Responsibilities

- + Supervisor of five doctoral theses (University of Jyväskylä), administrative supervisor of one doctoral thesis (Helsinki School of Economics), six licentiate theses, and eight doctoral theses in progress
- + Supervised doctoral dissertations (at the University of Jyväskylä): Marjo Haarala (received the best possible grade which is awarded to the top 5% of doctoral dissertations), Heikki Maaranen, Jussi Hakanen, Iryna Yevseyeva and Maria Dementieva. In addition, doctoral dissertations of Anne Setämaa-Kärkkäinen and Petri Eskelinen are in evaluation process
- + Person in charge of the doctoral program in Quantitative Methods in Economics and Management Science at Helsinki School of Economics, 2004–2007
- + Person in charge of quantitative methodologies and methods (in common scientific doctoral studies in the doctoral program) at Helsinki School of Economics, 2006–2007
- + Invited lecturer in the virtual course “Modelling and Optimization”, Tampere University of Technology, 2006
- + Invited lecturer, Autumn School of the Gaduiertenkolleg “Optimization”, Siegmundsbu rg/Thür, Germany, October 28 – November 1, 2004
- + Invited lecturer, International M.Sc. Degree in Complexity and Its Interdisciplinary Applications, Institute for Advanced Studies, University of Pavia, Italy, April 21–23, 2004
- + Invited lecturer, Summer School on Applied and Industrial Mathematics, Lappeenranta, Finland, June 2–13, 2003
- + Invited lecturer, 6th International Summer School on MCDA, Turku, Finland, July 28 – August 8, 1997
- + Visiting lectures at Helsinki University of Technology (Finland), University of Kuopio (Finland), University of Tampere (Finland), Tampere University of Technology in Pori, Metso Paper Inc. (Jyväskylä), University of Paderborn (Germany), University of Pavia (Italy), University of Malaga (Spain), Chinese Academy of Sciences, Academy of Mathematics and System Sciences (Beijing, China), VTT Technical Research Centre of Finland (Espoo) and UPM (Helsinki)
- + Supervisor of fourteen master’s theses and three bachelor’s theses
- + Invited intensive courses on business mathematics as well as foundations of financial mathematics in English (Helsinki School of Economics and Mikkeli Business Campus of the Helsinki School of Economics, visiting lecturer in 1999, 2000, 2001, 2002, 2003 and 2004)
- + Courses on linear and nonlinear programming and multiobjective optimization as

- well as financial mathematics in different levels in Finnish and in English
- + Seminar on preparing journal articles containing mathematics
- + Demonstrations on linear and nonlinear programming and numerical methods
- + Published lecture notes on nonlinear programming
- + Lecture notes on linear programming
- + Seminars in different areas of optimization
- + Supervisor of student projects on scientific computing, optimization and visualization

===Special Scientific Acknowledgements and Activities

- + Researcher of the year 2007 at Helsinki School of Economics, 2007
- + Chair of the national organizing committee of the IFAC Workshop on Control Applications of Optimization (Jyväskylä, Finland, May 2009)
- + Member of the organizing committee of the 67th Meeting of the European Working Group "Multiple Criteria Decision Aiding" (Rovaniemi, Finland, April 2008)
- * Finnish project leader of the project by Professor Kalyanmoy Deb (professorial counterpart) in the Finland Distinguished Professor Programme (FiDiPro) of the Academy of Finland at Helsinki School of Economics, 2007
- + Visiting professor, April 10–24, 2007, University of Malaga, Malaga, Spain
- + Organizer of the Dagstuhl Seminar on "Practical Approaches to Multiobjective Optimization", Dagstuhl, Germany, 2006 (together with Jürgen Branke, Kalyanmoy Deb and Roman Slowinski)
- + Leader in charge (and coordinator) of the joint project "Multiobjective Optimization and Multidisciplinary Decision Support" (August 2005 – December 2008). Research groups involved: University of Jyväskylä, Helsinki School of Economics, Helsinki University of Technology, Tampere University of Technology and University of Kuopio. Financed by Tekes, the Finnish Funding Agency for Technology and Innovation and industrial partners Andritz Oy, Wärtsilä Corporation, M-real Corporation, Foster Wheeler Energy Ltd., Danfoss, Fortum, Metso Power Oy, Patria Aerostructures Oy and Sweco. Other partners involved: Kuopio University Hospital, PA Consulting Group Ltd. and Varian Medical Systems Finland Oy. Project belongs to the Finnish national technology program on Modeling and Simulation (MASI).
- + Leader in charge of the project "NIMBUS - Multiobjective Optimization in Product Development" (November 2001 – April 2005), University of Jyväskylä, financed by Tekes, the Finnish Funding Agency for Technology and Innovation and industrial partners Metso Paper Inc., Numerola Ltd., Liqum Ltd., Jyväskylä Science Park Ltd., VTT Processes
- + Leader in charge of the project "Methodological and Implementational Challenges in Nonlinear Multiobjective Optimization and Decision Support" financed by the Academy of Finland, University of Jyväskylä, 2004–2006
- + Leader in charge of the project "Tools for Demanding Nonlinear Optimization Problems" financed by the Academy of Finland, University of Jyväskylä, 2003–2006
- + Leader in charge of the project "Multiobjective Optimization and Multiple Criteria Decision Making" financed by the Academy of Finland, University of Jyväskylä, 2000–2003
- + Founder and active leader of the research group "Optimization Group", University of Jyväskylä (<http://www.mit.jyu.fi/optgroup>), 1998–

- + Organizer of the Dagstuhl Seminar on “Practical Approaches to Multiobjective Optimization”, Dagstuhl, Germany, 2004 (together with Jürgen Branke, Kalyanmoy Deb and Ralph E. Steuer)
- + Coordinator of the scientific co-operation between Institute of Information Technologies (Bulgaria) and Helsinki School of Economics, 2005–2008
- + Coordinator of the scientific co-operation between Institute of Information Technologies (Bulgaria), Helsinki School of Economics and University of Jyväskylä, 2002–2004
- + Finnish coordinator of the joint research project of the Academy of Finland and the Russian Academy of Sciences “Computational and Psychological Experiments with Multicriteria Decision Aid Approaches”, University of Jyväskylä, 2002–2004
- + Finnish coordinator of the joint research project No. 3 of the Academy of Finland and the Russian Academy of Sciences “Computer Laboratory Experiments with Decision Support Tools based on Multiple-Objective Optimization: Psychological and Internet Aspects”, University of Jyväskylä, 1999–2001
- + Coordinator and Kernel member of the Brite/Euram EU-project INGENET (Networked Industrial Design and Control Applications using Genetic Algorithms and Evolution Strategies, thematic network involving 22 industrial, academic and research institution partners from 8 countries), University of Jyväskylä, 1997–2001
- + Organizer in charge of the 30 years anniversary seminar of the Finnish Operations Research Society, Helsinki, 2003
- + Organizer in charge of the FORS Afternoon 2002 Seminar of the Finnish Operations Research Society on “Decision Making under Conflicting Objectives”, Helsinki, 2002
- + Organizer of the FORS Seminar 2002 of the Finnish Operations Research Society on “Health Services Facing New Challenges”, Helsinki, 2002
- + Local main organizer of the EUROGEN99 Short Course on Evolutionary Algorithms in Engineering and Computer Science: Recent Advances in Genetic Algorithms, Evolution Strategies, Evolutionary Programming, Genetic Programming and Industrial Applications, Jyväskylä, 1999
- + Organizer in charge of the Second Noon2noon Seminar on Decision Science and Applications, Jyväskylä, 1996

===Positions of Trust and Expertise in Conferences

- + Chairperson of numerous sessions in different conferences
- + Invited organizer of special sessions and minisymposia in conferences 15th International Conference on Multiple Criteria Decision Making (Ankara, Turkey, 2000), EUROGEN 2003, Evolutionary Methods for Design, Optimisation and Control with Applications to Industrial and Societal Problems (Barcelona, Spain, 2003), ECCOMAS2004, 4th European Congress on Computational Methods in Applied Sciences and Engineering (Jyväskylä, Finland, 2004), IFORS 2005 – Hawaii, 17th Triennial Conference of the International Federation of Operational Research Societies (special theme Interactive Methods and Web Tools, Honolulu, Hawaii, USA, 2005), 18th Interactive Conference on Multiple Criteria Decision Making (Chania, Greece, 2006) and EURO XXI, 21st European Conference on Operational Research (special theme Scalarization Approaches in Multicriteria Optimization, Reykjavik, Iceland, 2006)
- + Member of the European Scientific Programme Committee of the EUROGEN 2009 ECCOMAS Thematic Conference, Cracow, Poland, June 2009

- + Member of the Program Committee of the 6th European Workshop on Evolutionary Algorithms in Stochastic and Dynamic Environments, Tübingen, Germany, April 2009
- Member of the Program Committee of the Second IEEE Symposium of Computational Intelligence in Multi-Criteria Decision Making, Nashville, USA, March–April 2009
- + Member of the Program Committee of the Fifth International Conference on Evolutionary Multi-Criterion Optimization, Nantes, France, March 2009
- + Member of the Program Committee of the Workshop of Computational Optimization (in the framework of International Multiconference on Computer Science and Information Technology), Wisla, Poland, October 2008
- + Member of the Programme Committee of the International Conference on Decision Support for Telecommunications and Information Society, Warsaw, Poland, September 2008
- + Member of the Steering and Publicity Committee of the International Conference on Power Control and Optimization, Chiang Mai, Thailand, July 2008
- + Member of the International Executive Committee of the 19th International Conference on Multiple Criteria Decision, Auckland, New Zealand, January 2008
- + Member of the International Advisory Committee of the International Conference on Neural Network and Genetic Algorithm in Materials Science and Engineering, Howrah, India, January 2008
- + Member of the International Programme Committee of DSTIS (Decision Support for Telecommunications and Information Society) conference, Warsaw, Poland, July 2007
- + Member of the Technical Advisory Panel and European Scientific Programme Committee of the EUROGEN 2007 Conference, Jyväskylä, Finland, June 2007
- + Member of the Program Committee of the 2007 IEEE Symposium on Multi-Criterion Decision Making, April 2007, Honolulu, Hawaii, USA
- + Member of the Steering Committee of the 9th Workshop on Optimization and Inverse Problems in Electromagnetics (OIPE 2006), September 2006, Sorrento, Italy
- + Member of the Program Committee of the Russian-Finnish Summer School: Dynamic Games and Multicriteria Optimization, September 2006, Petrozavodsk, Russia
- + Member of the International Program Committee of the 1st International Workshop on Multi-objective Cybernetics (MOC 2006) (in conjunction with IEEE-ICCC 2006), August 2006, Helsinki, Finland
- + Member of the International Advisory Committee of the 18th International Conference on Multiple Criteria Decision Making, June 2006, Chania, Greece
- + Member of the Programme Committee of the 7th International Conference on MultiObjective Programming and Goal Programming, June 2006, Tours, France
- + Member of the International Advisory Committee of the International Workshop on Neural Network and Genetic Algorithm in Materials Science and Engineering, January 2006, Howrah, India
- + Member of the Symposium Program Committee of the symposium Intelligent Information Technology and Applications in the First International Congress of the International Federation for Systems Research, November 2005, Kobe, Japan
- + Member of the European Scientific Programme Committee of the EUROGEN 2005 Conference, Munich, Germany, September 2005

- + Member of the Program Committee of GECCO 2005, Genetic and Evolutionary Computation Conference, Washington D.C., USA, July 2005
- + Member of the International Programme Committee of the 15th EURO Mini Conference on “Managing Uncertainty in Decision Support Models”, Coimbra, Portugal, 2004
- + Member of the International Steering Committee of the 8th International Workshop on Optimization and Inverse Problems in Electromagnetics, Grenoble, France, 2004
- + Member of the International Advisory Board of the 17th International Conference on Multiple Criteria Decision Making, Whistler, Canada, August 2004
- + Member of the Scientific Committee of ECCOMAS2004, 4th European Congress on Computational Methods in Applied Sciences and Engineering (in optimization and control), Jyväskylä, Finland, July 2004
- + Member of the European Scientific Programme Committee of the EUROGEN 2003 Conference, Evolutionary Methods for Design, Optimization and Control with Applications to Industrial and Societal Problems, Barcelona, Spain, 2003
- + Member of the Nordic Committee of the International Symposium on Mathematical Programming, Copenhagen, Denmark, August 2003
- + Member of the International Steering Committee of the VII-th International Workshop on Optimisation and Inverse Problems in Electromagnetics, Lodz, Poland, 2002
- + Member of the International Scientific Advisory Committee of EUROGEN 2001 Conference, Evolutionary Methods for Design, Optimisation and Control with Applications to Industrial Problems, Athens, Greece, September 2001
- + Member of the International Advisory Board of the 15th International Conference on MCDM, Ankara, Turkey, July 2000

===**External Funding and Awards** (5 recent years)

- + Funding from Tekes, the Finnish Funding Agency for Technology and Innovation, Metso Paper Inc., VTT Processes, Jyväskylä Science Park, Liqum Ltd. and Numerola Ltd. in the project “NIMBUS – multiobjective optimization in product development”, November 2001 – April 2005, 756.000 EUR
- + Appropriation of the Academy of Finland, 2003–2006, 120.000 EUR
- + Appropriation of the Academy of Finland, 2004–2006, 120.000 EUR
- + Foundation of the Helsinki School of Economics, travel grant 2004, 2.000 EUR
- + Foundation of Jenny and Antti Wihuri, 2004, 5.000 EUR
- + Funding from Tekes, the Finnish Funding Agency for Technology and Innovation, Andritz Oy, Wärtsilä Corporation, M-real Corporation, Foster Wheeler Energy Ltd., Fortum, Danfoss, Metso Power, Patria Aerostructures and Sweco in the joint project “Multiobjective Optimization and Multidisciplinary Decision Support” involving five research units, August 2005 – December 2008, 1.149.325 EUR
- + Foundation of the Helsinki School of Economics, travel grants 2005, 4.000 EUR
- + Foundation of the Helsinki School of Economics, reward for articles published in 2005 in scientific top journals, 2005, 1167 EUR
- + Foundation of the Helsinki School of Economics, travel grant 2006, 1.500 EUR
- + Foundation of Jenny and Antti Wihuri, 2006, 8.000 EUR
- + Foundation of the Helsinki School of Economics, reward for articles published in 2006 in scientific top journals, 2006, 1.334 EUR
- + Foundation of the Helsinki School of Economics, research grant 2007, 3.000 EUR

- + Foundation of the Helsinki School of Economics, reward for articles published in 2007 in scientific top journals, 2007, 1.000 EUR
- + Foundation of Jenny and Antti Wihuri, 2007, 11.000 EUR
- + Foundation of the Helsinki School of Economics, travel grant 2007, 2.000 EUR
- + Foundation of the Helsinki School of Economics, reward for an article published in a scientific top journal, 2008, 2.000 EUR

===**Others**

- + Who's Who in Science and Engineering, 2005-2006 Edition and 2006–2007 Edition
- + Degree in open sea navigation, 2002 (award for the best degree in Finland in 2002)

===**Publications and Presentations** (see Appendix)

1. Monographs
2. Papers in refereed journals
3. Papers in conference proceedings
4. Papers in collections
5. Theses
6. Edited proceedings
7. Lecture notes
8. Other publications
9. Book Reviews
10. Copyright in computer programs
11. Conferences and seminars