

1. Full name

- Svento, Rauli
- Male

2. Date and place of birth, nationality, current residence

- 21.7.1951 Helsinki
- Finnish
- Oulu

3. Education and degrees awarded

- Doctor of Philosophy, University of Oulu, Economics, 1990, Oulu
- Licentiate of Philosophy, University of Oulu, Economics, 1981, Oulu
- Master of Arts, University of Oulu, Economics, 1976, Oulu
- Docent, Economics, University of Oulu, 1996
- Established researcher (professor, research manager)

4. Other training, qualifications and skills

- Summer Student Program, International Institute of Applied Systems Analysis, Vienna, Austria, Summer 1979

5. Linguistic skills

- Mother tongue: Finnish
- Other languages: Fluent English and Swedish, sufficient German

6. Current position

- Professor, University of Oulu, Department of Economics, 1998 -

7. Previous professional appointments and career breaks

- Pool of Professors of the Finnish Universities, 1.9.2012 – 31.8.2013
- Assistant Professor, University of Oulu, Department of Economics, 1994 - 1998
- Research Fellow, University of California at Berkeley, Agricultural and Resource Economics (with Prof. Anthony C. Fisher), 1.9.-31.12.1991
- Senior Assistant, University of Oulu, Department of Economics, 1988 - 1994
- Senior Assistant, University of Joensuu, Department of Economics, 1987 - 1988
- Research Fellow, Finnish Academy, 1985 - 1986
- Research Assistant, Finnish Academy, 1979 - 1985
- Assistant, University of Oulu, Department of Economics, 1976 - 1979

8. Major research funding and academic leadership, student supervision

- Academic leader of several large research projects by the Finnish Academy and Technology Enhancement Foundation (TEKES)
 - VRFlow1(1998 – 2000) and VRFlow2 (2000 – 2002)
 - BWEBS (2004 – 2006)
 - BCDC Strategic Research Council (2015-2020)
- Students as Professors
 - PhD Arto Ohinmaa, Professor of Public Health, University of Alberta, 1990 –
 - PhD Timo Koivumäki, Professor of Information Economics, University of Oulu and VTT, 2007 -
 - PhD Artti Juutinen, Professor of Forest Economics, University of Oulu and Finnish Forest Research Institute (METLA), 2010 –
 - PhD Juha Juntila, Professor of Economics, University of Jyväskylä, 2011 – 2015
 - PhD Maria Kopsakangas-Savolainen, Finnish Environment Institute and University of Oulu, 2014-2018
 - KTT Jaakko Simonen, Professor of Economics, 2016-17

9. Major teaching duties and pedagogical competence

- Taught all core courses of the economics curriculum concentrating on microeconomics
- Produced learning material for econometrics, public economics and microeconomics
- Broad experience on using web based teaching platforms, see Verkostoalustat taloustieteen opetuksessa, Kansantaloudellinen Aikakauskirja 3/2012.
- Best teacher in Executive MBA class 2004, University of Oulu
- Teacher of the year 2011 chosen by the student association of the Oulu Business School students

10. Scientific awards and honours

- The Public Utility Research Price for the Best Paper in Regulatory Economics presented at the 8th Annual International Industrial Organization Conference, Vancouver May 2010

11. Other scientific or academic merits and activities

- Tutored PhD dissertations
 - 2017 Andrew Conlin, University of Oulu
 - 2016 Riikka Nuutilainen, University of Oulu
 - 2011 Saara Ainali, University of Oulu
 - 2010 Kaarlo Paloniemi, University of Oulu
 - 2009 Jouko Isokangas, University of Oulu
 - 2006 Jaakko Simonen, University of Oulu
 - 2005 Artti Juutinen, University of Oulu
Saara Pekkarinen, University of Oulu
 - 2002 Maria Kopsakangas-Savolainen, University of Oulu

- 2000 Tapani Kovalainen, University of Oulu
- 1999 Juha Junntila, University of Oulu
Pekka Larkomaa, University of Oulu
Timo Koivumäki, University of Oulu
- 1998 Heli Koski, University of Oulu
- 1997 Eija Moisseinen, University of Joensuu
Erkki Mäntymaa, University of Oulu
Arto Ohinmaa, University of Oulu
- Tutored Master's Theses
 - Current total over 500
- Statements for Professorships at the Helsinki University (2009), Aalto University (2012), State Economic Research Center (VATT) (2015)
- Statement for Docentships at the Turku University (2008) and Helsinki University (2012, 2016)
- PhD Thesis precontroller University of Helsinki, University of Joensuu, Helsinki School of Economics
- Member of the European Economic Association (EEA), European Association of Environmental and Resource Economists (EAERE), Econometric Society, Finnish Economic Association (member of the board 2010-12)
- Referee in Forest Policy and Economics, Journal of Forest Economics, Journal of Economic Behavior and Organization, Energy Economics
- Chairman of the sessions in the conferences of European Association of Environmental and Resource Economists, International Association of Energy Economists, European Economic Association, Finnish Economic Association Annual Meetings
- Vice President, University of Oulu 2006-2009, Dean of the Faculty of Economics and Business Administration 2000-2006, Chairman of the Department of Economics 1996-2000 and 2011 -

12. Scientific and societal impact of research

- Responsible for the third assignment of the university as Vice President of the University of Oulu. One of the main architects of the Oulu Innovation Alliance (OIA) (<http://www.ouluinnovationalliance.fi/>) which is a unique strategic alliance that integrates top know-how from printed intelligence, wellbeing technology, cleantech and 3D internet and brings together research institutions, businesses and public sector organizations. OIA generates cutting-edge global business from research, development and innovation projects and ventures.
- Member of the committee of the ministry of Culture and Education preparing the future of Business and Economics education.

- Member of the Board of the Finnish Economic Association 2010-2014. The purpose of the association is to support economic research in Finland, disseminate information about economic issues to wider public and to promote economic policy debate in Finland.
- Active publisher in [Kansantaloudellinen aikakauskirja \(KAK\)](#) which is a Finnish language journal and aimed at a more general audience. KAK is published four times a year and features expert commentary on economics and economic policy.
- Collaboration agreement with KPMG Ltd 2013. Responsible for scientific quality verification in chosen KPMG projects.
- Total number of publications
 - A. Refereed scientific publications 43
 - B. Non-refereed scientific publications 14
 - C. Scientific monographs 12
 - D. Professional publications 2

- 10 most important/cited articles

Koski, H., Svento, R. (2016). Complementarity of firms' innovation strategies: knowledge search, in-house R&D and external R&D acquisition. *International Journal of Technology Transfer and Commercialisation*. Vol. 14, No 2.

Simonen, J., Svento, R., Juutinen, A. (2015). Specialization and diversity as drivers of economic growth: Evidence from high-tech industries. *Papers in Regional Science*, Volume 94, Issue 2, Pages: 229–247.

Kopsakangas-Savolainen, M., Svento, R. (2014) Hydropower production profiles: impacts on capacity structure, emissions and windfall profits. *Journal of Energy*, vol. 2014, Article ID 710414, 12 pages, 2014. doi:10.1155/2014/710414.

Kopsakangas-Savolainen, M., Svento, R. (2012). *Modern Energy Markets*. Springer, London.

Kopsakangas-Savolainen, M., Svento, R. (2012). Promotion of market access for renewable energy, *Environmental and Resource Economics*, Vol 3, No 2, Dec.

Kopsakangas-Savolainen, M., Svento, R. (2012). Real-Time Pricing in the Nordic Power Markets. *Energy Economics*, Vol 34, Issue 4. pp. 1131-1142.

Juutinen, A., Mitani, Y., Mäntymaa, E., Shoji, Y., Siikamäki, P. and Svento, R. (2011). Combining ecological and economic aspects in national park management: a choice experiment application, *Ecological Economics*, 70. 1231-1239.

Kopsakangas-Savolainen, M., Svento, R. (2011). Observed and unobserved heterogeneity in stochastic frontier models. *Energy Economics*, Vol. 33, Issue 2. pp. 304-310.

Kopsakangas-Savolainen, M., Svento, R. (2010). Comparing welfare effects of different regulation schemes: an application to the electricity distribution industry. *Energy Policy*, Vol. 38, 7370-7399, 2010.

Kopsakangas-Savolainen, M., Svento, R. (2010). Estimation of cost-effectiveness of the Finnish Electricity Utilities. *Energy Economics*, Volume 30, Issue 2, March 2008, Pages 212-229.

- H-index: Web of Science 9, Scopus 11, Google Scholar 15, Google Scholar i10 25, Research Gate 25.

13. Positions of trust, merits and activities in society

- Member of the Board in Technopolis Ventures Oulutech Ltd. 2006-2009 where the position was defined as developing new ways of promoting start-up firms.
- Member of the Board Nuorten Ystävät Palvelut Ltd. 2012 – where the position relates to strategic planning of a new way of supplying societally oriented services.
- Suomen Valkoisen Ruusun I luokan ritarimerkki 2001.
- Staff Sergeant.