

CURRICULUM VITAE

HANNU TAPANI PIEKKOLA

Home Address Alkutie 22 E FIN-00660 Helsinki, Finland

Work Address Professor Wolffintie 34 FIN-65100 Vaasa, Finland

Phone + 358 –6–324 8504, + 358-44-0244349

Email hannu.piekkola@uwasa.fi

13/12/60 Male born in Helsinki, Finland

13/6/02 Married to Harriet Piekkola

Two children Joel born -89 and Aura born -92

EDUCATION AND DEGREES

2006 Title of Docent: Economics University of Helsinki, Department of Economics (tenured)

1995 Ph.D. (Economics), University of Helsinki

1989 Lic.Sc. (Economics), University of Helsinki

1987 M.Sc (Economics), University of Helsinki

OTHER EDUCATION AND TRAINING, QUALIFICATIONS AND SKILLS

2005 SITRA Economic Policy Course (The Finnish Innovation Fund)

2015 SITRA Sustainable Economic Policy Management Course

LINGUISTIC SKILLS

English sound command of professional

Swedish working knowledge (written and oral ability required in civil service)

German limited discussion ability

Finnish native language

WORK EXPERIENCE

1/5/07- *Professor (Economics) University of Vaasa, Department of Economics*

12/9/06- *Docent (Economics) University of Helsinki, Department of Economics (tenured)*

26/2/01- *The Research Institute of the Finnish Economy ETLA: Head of Unit*
Lönnrotinkatu 4B 00120 Helsinki, tel 358-9-609900, fax 358-9-601753

- 1/9/99-26/2/01- *The Research Institute of the Finnish Economy ETLA: Research Supervisor*
- 1/10/95–31/8/99 *Labour Institute of Economic Research PT: Senior researcher*
- Research (see Publications below)
 - In charge of quarterly economic forecast 1998-1999
- 18/4/95-28/4/95 *Eurofaculty Tartu University: Lectures on Public Sector Economics*
- 1/1/90-31/9/95 *Department of Economics University of Helsinki: Assistant.*
- Research heading for doctoral dissertation in the field of international capital income taxation
 - Lectures on public sector economics in the Summer University of Helsinki 4/9/90-17/9/90, 21/8/91-9/9/91, 12/8/92-25/8/92, 11/8/93-26/8/92, 17/8/93-1/9/94
- 1/1/87–31/12/89 *Department of Economics University of Helsinki: Acting Assistant.*
- Projects related to wage and capital income taxation
- 1/4/86–31/12/86 *Department of Economics University of Helsinki: Project researcher.*
- Projects related to wage and capital income taxation
- 12/5/86-22/8/86 *Kansallis-Osake-Pankki (Finnish Bank)*
- Currency exchange department
- 19/10/84-19/3/86 *Raha-automaattiyhdistys*
- Croupier
- 1/1/80–31/3/86 *Ajanmies and Teinitalo (retail clothing companies):*
- Periodic salesperson

MERITS IN TEACHING AND PEDAGOGICAL COMPETENCE

- 2007- Planning and implementation of courses in economics as head of unit, department of economics
- 2013- **Supervision doctoral students, year of degree**
- Vesa Loven University of Vaasa primary supervisor, Antti Norkio University of Vaasa 2024 primary supervisor, Carita Eklund University of Vaasa 2019 primary supervisor, Jari-Mikko Meriläinen University of Vaasa 2017 secondary supervisor, Jaana Rahko, University of Vaasa 2016 primary supervisor, Mervi Toivanen University of Vaasa 2015 primary supervisor, Jarkko Heinonen University of Turku, Business School of Economics 2013 secondary supervisor, Seppo Suominen University of Vaasa 2013 primary supervisor
- 2009- Ongoing supervision of doctoral students, Ulviyya Karimova University of Vaasa 2021-, Vesa Loven 2023-
- 22.11.2017 **Supervisor Master degree about 7 students yearly**
- 2017 **Supervisor Bachelor degree about 7 students yearly**
- 26.5.2017 Opponent for doctoral dissertation by Pasi Ikonen in University of Turku
- 18.10.2013 Opponent for doctoral dissertation by Jarkko Heinonen in University of Turku
- 2013 Pre-examiner for doctoral dissertation by Seppo Suominen in University of Vaasa
- 16.8.2011 Opponent for doctoral dissertation by Tahir Mahmood in University of Eastern Finland
- 2011 Pre-examiner for doctoral dissertation by Tahir Mahmood in University of Eastern Finland
- 2009 Pre-examiner for doctoral dissertation by Pueblo Salvador in University of Jyväskylä
- 4.6.2009 Opponent for doctoral dissertation by Pueblo Salvador in University of Jyväskylä
- 1.5.2007 Professorship University of Vaasa

- 29.8.2007 Qualified for a professorship, evaluation of the candidates for the position of professor of economics at the University of Turku
- 2007 Finland's external expert in Peer review of European area of lifelong learning: empowering Europeans in the knowledge-based economy and society
- 2005 Editor for: Collective Bargaining and Labour Markets - Performance and Challenges. Springer-Verlag (with Kenneth Snellman)
- 1995– Referee of European Economic Review, Scandinavian Journal of Economics, Bulletin for Economic Research, Finnish Economic Papers, Journal of Economics, Review of International Economics, Journal of Economic Behavior and Organization, International Journal of Manpower, Industrial Relations: A Journal of Economy and Society, Economics of Innovation and New Technology, Applied Economics, International Economic Review, Journal of Economic Behavior & Organization

SCIENTIFIC AND SOCIETAL IMPACT OF RESEARCH

- 2019-2022 Coordinator of GLOBALINTO EU Horizon 2020 Program “Capturing the value of intangible assets in micro data to promote the EU’s growth and competitiveness”
- 2019- Head of Economics Research Group, School of Accounting and Finance, University of Vaasa
- 2010-2018 Head of Intangible Capital Research Group, Faculty of Business, University of Vaasa.
- 2015-2017 INNOMITTA II “Intangible capital – supporting knowledge and value added in Europe” financed by the Finnish Funding Agency for Innovations, Tekes, project manager 151 932e
- 2013-2014 INNOCENTROPE “Intangible capital – supporting knowledge and value added in Europe” financed by the Finnish Funding Agency for Innovations, Tekes, project manager 335 883e
- 2008-2011 INNODRIVE “Intangible Capital and Location and Growth in Europe” EU 7th framework project, project co-ordinator www.innodrive.org 400 000e
- 2000-2008 AGIR, AHEAD, AIM EU 6th and 5th framework projects in Enepri network (www.enepri.org) and ActivAge project. Projects deal with ageing, health, labour force participation and pension systems. For example in “Ageing, health and retirement in Europe” AGIR-project seven research institutes participated (CEPII, France, CPB, The Netherlands, DIW, Germany, FEDEA, Spain, FPB, Belgium, NIESR, United Kingdom, LEGOS, France).

POSITIONS OF TRUST, ETC

- 2023- University of Vaasa, Member of Vaasa University Foundation
- 2019-2022 GLOBALINTO – New Intangibles for European growth (EU Horizon 2020 framework program). Project coordinator (www.globalinto.eu) coordinator
- 2018-2021 University of Vaasa, Chairman of University Collegium
- 2014-2017 University of Vaasa, Member of University Collegium
- 2011- University of Vaasa Accounting and Finance School, Economics research group coordinating professor (formerly Intangible research group)
- 2009- Associate Research Fellow ETLA and Etlatieto
- 2008-2011 INNODRIVE - Intangible Capital and Innovations: Drivers of Growth and Location in EU (EU 7th framework program). Project coordinator (www.innodrive.org) co-ordinator EU 7th framework project.
- 2007-2009 Member of SATA committee on social protection set by Prime Minister’s Office
- 2000-2006 Joint Committee of Finnish Economic Associations: President 2000-2006
- 2000-2005 Vice member of board in Nordic Tax Foundation

SCHOLARSHIP (since 2000)

- 2004 OKO Foundation
- 2004 Yrjö Jahnsson Foundation
- 2003 The Finnish Foundation for Economic and Technology Sciences
- 2002 OKO Foundation
- 2001 Yrjö Jahnsson Foundation

PUBLICATIONS

Articles in refereed journals

- 2024 R&D effort and knowledge sourcing: Searching for better profitability and high growth. Forthcoming in Science and Public Policy
- 2021 Innovative competences, the financial crisis and firm-level productivity in Denmark and Finland. Economics of Innovation and New Technology: 1-15. (with Carter Bloch, Carita Eklund)
- 2020 Intangibles and innovation-labor-biased technical change. Journal of Intellectual Capital 21(5) 649-669.
- 2020 Intellectual capital, firm's innovation growth and emerging value spaces Editorial. Journal of Intellectual Capital 21(5) 641-647 (with Ahmed Bounfour and Carter Bloch).
- 2019 Innovative growth: the role of market power and negative selection. Economics of Innovation and New Technology: Sep 6 1-22. (with Jaana Rahko).
- 2018 Internationalization via export growth and specialization in Finnish regions. Cogent Economics & Finance. 2018 Jan 1;6(1):1-25.
- 2018 Broad-based intangibles as generators of growth in Europe Economics of Innovation and New Technology 27(4), 377-400.
- 2016 Intangible Capital and Market Valuation Review of Income and Wealth 62, 28-51.
- 2015 Talouden kasvun veturit - Investoinnit osaamiseen ja aineettomat investoinnit. Kansantaloudellinen aikakauskirja 2015/3 (The Finnish Economic Journal), 330-353.
- 2014 Intangible Investment in People and Productivity. Journal of Productivity Analysis 41, 443-456 (with Pekka Ilmakunnas).
- 2014 Intangible capital: the key to growth in Europe. Intereconomics 46, 222-228.
- 2013 Tuottavuuden kehitysnäkymät ja aineettomat investoinnit. Onko meillä mittausongelma? Kansantaloudellinen aikakauskirja 2013/3 (The Finnish Economic Journal), 429-442 (with Johnny Åkerholm).
- 2012 Aineeton pääoma – talouskasvun ytimessä. Kansantaloudellinen aikakauskirja 2012/1 3 (The Finnish Economic Journal), 20-32
- 2008 Nordic policies on active ageing in the labour market and some European comparisons, International Social Science Journal 190, 544-557.
- 2007 Time Use and Options for Retirement in Europe. Electronic International Journal of Time Use Research 4(1), 1-29. (with Liisa Leijola)
- 2007 Public Funding of R&D and Growth: Firm-Level Evidence from Finland. Economics of Innovation and New Technology 16(3), 195-210.
- 2007 Wage Dispersion in Finland: Searching for Human Capital. Journal of Income Distribution 16(1), 8-25.
- 2006 What Makes Performance-Related Pay Schemes Work? Finnish Evidence. Journal of Management and Governance 10, 149-177. (with Antti Kauhanen).

- 2006 Liquidity Constraints Faced by Firms and Employment. *Applied Economics Quarterly* 52, 3-28. (with Pertti Haaparanta)
- 2006 Verotuksen keventäminen parantaa työllisyyttä. (Tax Cuts Improve Employment) *Kansantaloudellinen aikakauskirja* (The Finnish Economic Journal) 4/2006.
- 2005 Performance-Related Pay and Firm Performance in Finland. *International Journal of Manpower* 26 (7/8), 619-635.
- 2005 Explaining the Desire for Local Bargaining: Evidence from a Finnish Survey of Employers and Employees. *LABOUR: Review of Labour Economics and Industrial Relations* 19 (2), 399-423. (with Anni Heikkilä).
- 2004 Rent Sharing as Firm Level Pay, *International Journal of Manpower* 24:4 426-451 (with Antti Kauhanen)
- 2003 Finsk Ekonomisk Nationalrapport: Beskattning av investeringar i Finland, Årbok for Nordisk Skatteforskning (Finnish National Report: Taxation of investment in Finland. Yearbook for Nordic Tax Research) Oslo. (with Harri Hietala, Seppo Kari and Tarmo Valkonen).
- 2000 Withdrawal from Employment of The Aged Finnish Workers, *Australian Journal of Labour Economics* 4, 340-359 (with Pasi Huovinen).
- 1997 Simple Rules for the Optimal Taxation of International Capital Income, *Scandinavian Journal of Economics* 99, 447-461 (with Michael Keen)
- 1997 Taxation under Economic Integration in the Nordic Welfare States. *Nordic Council for Tax Research* (Nordiska Skattevetenskapliga Forskningsrådet) NSFS Vol 35.
- 1995 Foreign Investment, International Mergers and the 1993 Capital Income Tax Reform in Finland, *Finnish Economic Papers* 8, 25-39.
- 1995 Capital Income Taxation, Tax Criteria and Intergenerational Welfare, *Journal of Economics* 62, 295-322

Articles in Edited Books and Conference Publications with referees

- 2024 Intangible Capital and Labor Productivity Growth: A Review of the Literature. In Carter Bloch, Aimilia Protogerou, Nicholas S. Vonortas (ed.) *Intangible Assets, Productivity and Economic Growth*. (joint with Carter Bloch, Felix Roth). Routledge.
- 2024 Intangible assets and productivity – an occupation-based approach. In Carter Bloch, Aimilia Protogerou, Nicholas S. Vonortas (ed.): *Intangible Assets, Productivity and Economic Growth*. (joint with Carter Bloch, Marina Rybalka and Tjasa Redek). Routledge.
- 2024 Organizational capital, allocation of intangibles and firm performance - Evidence from Globalinto intangible survey. In Carter Bloch, Aimilia Protogerou, Nicholas S. Vonortas (ed.): *Intangible Assets, Productivity and Economic Growth*. Routledge.
- 2024 Gender and age productivity–wage gaps in innovative work. In Carter Bloch, Aimilia Protogerou, Nicholas S. Vonortas (ed.): *Intangible Assets, Productivity and Economic Growth*. (joint with Dasa Farcnic, Tjasa Redek, Carter Bloch, Marina Rybalka and Tanja Istenic). Routledge.
- 2015 Intangible investment in Europe. 11th International Conference Challenges of Europe: Growth, competitiveness and inequality 27-30.5. Hvar, Croatia.
- 2007 Une Approche Nordique du Vieillissement Actif. In Legros F (ed.): *Les Retraites - Libres opinion d'Experts Européens*. Paris: Economica. 225-231.
- 2005 Local Bargaining and Employer's Co-operation Options. In Piekola H. and Snellman K. (eds.): *Collective Bargaining and Labour Markets - Performance and Challenges*. (with Anni Heikkilä). Springer-Verlag.

Articles in Edited Books in English

- 2011 Intangible Capital as a Source of Growth: An Introduction Piekola (ed.) University of Vaasa research reports 167

- 2011 Intangible Capital – Innodrive Perspective in Intangible Capital - Driver of Growth in Europe Piekkola (ed.) University of Vaasa research reports 167.
- 2001 On Whom Falls the Burden of Restructuring? In P. Jensen and Holm A. (eds.): Nordic Labour Market Research in Register Data. TemaNord 2001:593. (with Petri Böckerman).
- 2001 Unemployment and Early Retirements of the Finnish Aged Workers in 1989-1996 in J. Kalela, J. Kiander, U. Kivikuru, H.A. Loikkanen ja J. Simpura (eds.) Down from the heavens, up from the ashes. (with Pasi Huovinen).
- 1998 Reducing the tax burden on labor and how to finance it. In: Austrian Federal Ministry of Finance (Ed.), Tax competition and co-ordination of tax policy in the European Union. Vienna: Austrian Federal Ministry of Finance, 77-95.

Monographs in English

- 2011 Innovation Union Competitiveness Report 2011
- 2011 Intangible capital - Driver of growth in Europe (editor) University of Vaasa research reports 167
- 2006 Knowledge and Innovation Subsidies as Engines for Growth – The Competitiveness of Finnish Regions ETLA B-series No. 216. Helsinki.
- 2003 Well being at work under busy life and leisure attractions – time use study (Työssä jaksaminen kiireiden ja vapaa-ajan puristuksissa - tutkimus ikääntyvien ajankäytöstä. Well being at work program (Työssä jaksamisen ohjelma)
- 2002 Wage Settlement and Wage Drift: New Scene of Income Policy (Palkoista sopiminen ja palkkaliukuma: tulopolitiikan uudet kulissit) ETLA B-series No. 202. Helsinki. (with Reijo Marjanen).
- 2002 The Time is Right? Early Retirement and Use of Time by Older Workers. ETLA The Research Institute of the Finnish Economy. Series B No. 189
- 2002 Human Capital Utilisation Under Technological Change: Profit Sharing and Wage Dispersion. (Palkkaerot ja tulospalkkaus – Osaamispääoman hyödyntäminen teknologisessa murroksessa). ETLA The Research Institute of the Finnish Economy. Series B No. 193.
- 2001 Human Capital and Wage Formation. ETLA The Research Institute of the Finnish Economy. Series B No. 177
- 1998 Wages and Labor Demand in Finland. Labour Institute of Economic Research (Palkansaajien tutkimuslaitos) Research reports, 69, 1998.

Doctoral Dissertation

- 1995 Tax Criteria and International Capital Markets, University of Helsinki (Doctoral Thesis). Government Institute for Economic Research (VATT) Research Reports No. 30. Helsinki.

Monographs in Finnish

- 2006 Työtä eri elämänvaiheissa ja ajankäyttö – Äidit ja ikääntyvät. (Work and Time Use Across Life Cycle – Mothers and Ageing Workers). Reports of the Ministry of Social Affairs and Health, 2006:73. (with Olli-Pekka Ruuskanen)
- 2003 Suomalainen Sopimusjärjestelmä - työmarkkinaosapuolten näkemykset (The Finnish Wage Bargaining System – Views of The Social Partners). ETLA and Labour Institute of Economic Research Helsinki. (with Alho Kari, Heikkilä Anni, Lassila Jukka, Pekkarinen Jukka, and Sund Ralf)
- 2003 Työssä jaksaminen kiireiden ja vapaa-ajan puristuksissa – tutkimus ikääntyvien ajankäytöstä. Well-Being at Work Programme Työssä jaksamisen ohjelma. Ministry of Labour.
- 1995 Yritystoiminnan verotus, integraatio ja Suomi (Corporate taxation, integration and Finland). Palkansaajien tutkimuslaitos (Labour Institute of Economic Research), Research reports, 65.

Selected Discussion Papers and Research Reports in English and French

- 2018 Innovative competences and firm-level productivity in Denmark and Finland, with Carter Bloch Århus University, Carita Eklund University of Vaasa, Janne Huovari Pellervo Research Institute, Economics.
- 2017 Internationalization via export growth in Finnish regions. University of Vaasa Research Report 7, in coordination with Regional Council of Ostrobothnia.
- 2016 Transport investment in railways to generate knowledge transfer from interfirm worker mobility, University of Vaasa Department of Economics Working paper No 24.
- 2014 Economic impact of museums. Levón-instituutin research 139. University of Vaasa
- 2011 Intangible capital - Driver of growth in Europe. University of Vaasa Reports 167.
- 2010 Intangible capital agglomeration and economic growth: An Analysis of Regions in Finland. Innodrive working paper No. 20.
- 2010 Intangible investment in people and productivity. Innodrive working paper No. 8 (with Pekka Ilmakunnas).
- 2010 Production of intangible investment and growth: Methodology in INNODRIVE. Innodrive working paper No. 1 (with Bernd Görzig and Rebecca Riley).
- 2008 Actuarial Fair Pension Reform: Postponed Retirement and Redistribution of Pension Wealth – Evidence from Belgium, Finland, Germany and Spain. University of Vaasa Department of Economics Discussion Papers No 10.
- 2006 Are Those Busy, Doing Household Work and Active Leisure Prone to Retire Earlier: Evidence from Time Use of Older Finns. The Research Institute of the Finnish Economy ETLA Discussion Papers No. 1036
- 2006 Knowledge Capital as the Source of Growth. The Research Institute of the Finnish Economy ENEPRI Working Paper No. 43
- 2005 Knowledge Capital as the Source of Growth. The Research Institute of the Finnish Economy ETLA Discussion Papers No. 972
- 2005 Option Values For Retirement: Effects of Public Incentives to Postpone Retirement in Finland, Belgium and Germany. ENEPRI Research Report No. 14 (with Matthias Deschryvere)
- 2004 Active Ageing and Pension System: Finland. The Research Institute of the Finnish Economy ETLA Discussion Papers no. 959. (with Anni Heikkilä)
- 2003 Labour Supply and Demand of Risk Groups: Young and Old. Report to EU Project VS/2003/0678 of Ministry of Finance: Early Intervention as an Employment Policy Method
- 2003 Time Use and Options for Retirement in Europe. The Research Institute of the Finnish Economy ETLA Discussion Papers no. 868 (with Liisa Leijola)
- 2003 Active Ageing and the European Labour Market: Synthesis Report. The Research Institute of the Finnish Economy ETLA Discussion Papers no. 911.
- 2001 Taxation and Entrepreneurship. The Research Institute of the Finnish Economy ETLA Discussion papers No. 776 (coauthor Pertti Haaparanta)
- 2000 Unobserved Human Capital and Firm-Size Premium. The Research Institute of the Finnish Economy ETLA Discussion papers No. 739
- 1999 Liquidity Constraints Faced by Firms and Employment. The Research Institute of the Finnish Economy ETLA Discussion papers No. 695
- 1999 Rent Sharing and Efficiency Wages. The Research Institute of the Finnish Economy ETLA, Discussion papers No. 688.

- 1999 Experience and productivity in wage formation in Finnish industries. Labour Institute of Economic Research PT Discussion Paper, 154, (coauthors: Satu Hohti, Pekka Ilmakunnas).
- 1997 RentSharing, Financial Pressures and Firm Behavior. Labour Institute of Economic Research, (Palkansaajien tutkimuslaitos), Working papers 141 (with Pertti Haaparannan kanssa).
- 1996 Simple Rules for the Optimal Taxation of International Capital Income. Institute for Fiscal Studies, IFS Working Papers W96/18. London.

Selected discussion papers and research reports in Finnish or Swedish

- 2023 Regeringen vill krympa statens kostym – "Riskfyllt med inbesparingar som drabbar de redan utsatta" Wasabladet 24.8.2023
- 2018 Kaupunkialueiden verkostuminen – avain talouskasvuun. Helsingin kaupungin järjestämä kaupunkisymbosium 21.3.2018.
- 2012 Kaupunkialueiden taloudellinen kasvu ja aineettoman pääoman merkitys alueilla, kirjassa Metropolialueen talous - Näkökulmia kaupunkitalouden ajankohtaisiin aiheisiin toim. Heikki A. Loikkanen, Seppo Laakso ja Ilkka Susiluoto, Helsingin kaupunki tietokeskus. (with Ilkka Susiluoto)
- 2011 Kalevala – matkaopas tähtiin. Kustannus Hereticum.
- 2008 Globalisaatio, yritysten kansainvälistyminen ja työmarkkinat. Työ- ja elinkeinoministeriö.
- 2008 Globalisoituvan yritysmaailman työmarkkinat. Työpoliittinen aikakauskirja 4/2008.
- 2008 Kilpailukykyä tiedosta ja taidosta. (Competitiveness through intangible capital) Vaasan yliopisto kansantaloustieteen laitoksen työpapereita 9.
- 2006 Osaaminen kasvun lähteenä: Seutukuntien kilpailukyky (Human Capital as Engine for Growth: Competitiveness of Finnish Regions). Työpoliittinen aikakauskirja (Finnish Labour Review) 2/2006.
- 2003 Suomalainen Sopimusjärjestelmä - työmarkkinaosapuolten näkemykset (The Finnish Wage Bargaining System – Views of The Social Partners). ETLA and Labour Institute of Economic Research Helsinki. (with Alho Kari, Heikkilä Anni, Lassila Jukka, Pekkarinen Jukka, and Sund Ralf).
- 1996 Ruotsin verouudistus 1991 – palkkatyön verotuksesta kulutuksen ja asumisen verotukseen, kirja-arvostelu (The 1991 tax reform in Sweden – from labour to consumption taxation, book evaluation). Kansantaloudellinen aikakauskirja (The Finnish Economic Journal) 2/1996.
- 1996 Pohjoismainen hyvinvointivaltio kriisissä? (The Nordic welfare state in crises) Talous & yhteiskunta, 2/1996.
- 1996 Kansainvälinen pääomatulojen verotus ja Euroopan integraatio (International Capital Income Taxation and European Integration). Talous & yhteiskunta, 1/1996.

SELECTED APPEARANCES IN CONFERENCES, SEMINARS OR WORKSHOPS (mainly since 2003)

- 2023 Entrepreneurial returns and intangibles explaining high-growth. Taloustieteen päivät (with Antti Norkio) 15.2.2023 Otaniemi Espoo
- 2022 Sources of productivity growth I: intangible survey. Globalinto Final Conference 24.8.2022 Oslo (with Tjasa Redek)
- 2022 Some Globalinto results: policy panel on high-growth firms. Globalinto Final Conference 24.8.2022 Oslo

- 2021 Intangibles from innovative work – their valuation and technological change. Special IARIW-ESCoE Conference on Measuring Intangible Assets and their Contributions to Growth, November 11-12, 2021, RSA House, London, UK
- 2018 Invited speaker in a final panel on the future of intangibles in World Conference on Intangible Capital 15.6.2018 Paris.
- 2018 Environmental investments, firm innovativeness and productivity. An adapted CDM model for Finland, DRUID conference, joint with Jaana Rahko, Copenhagen, Denmark.
- 2018 Schumpeterian growth using a broad set of intangibles to enhance innovations, DRUID conference, joint with Jaana Rahko, Copenhagen, Denmark.
- 2017 Innovation competences and firm-level productivity in Denmark and Finland EARIE European Association for Research in Industrial Economics, joint with Carita Eklund, Carter Bloch, Janne Huovari 31.-2.9. Haag, The Netherlands.
- 2017 Intangible investment in Europe. 13th International Conference Challenges of Europe: Innovative Responses for Resilient Growth and Competitiveness 22-24.5. Bol, Croatia.
- 2017 INNODRIVE - COINVEST: concepts and measurement of business sector intangibles - Firm-level perspectives. NTTS2017 (New techniques and technologies for Statistics) Satellite event by Eurostat. Challenges in measuring productivity, growth and intangibles. 17.3.2017 Brussels.
- 2016 Transport investment in railways to generate knowledge transfer from interfirm worker mobility, EARIE European Association for Research in Industrial Economics Lisbon, Portugal.
- 2015 Intangible investment in Europe. 11th International Conference Challenges of Europe: Growth, competitiveness and inequality 27-30.5. Hvar, Croatia.
- 2012 Intangible capital agglomeration and economic growth: An Analysis of Regions in Finland ICTNET network conference London.
- 2011 INNODRIVE project results presentation. Joint database on intangibles for EU policy making Data from INNODRIVE, COINVEST and the Conference Board. FP7 SSH Policy - Science Dialogue meeting December Brussels
- 2011 Intangible capital. Can it explain the unexplained. ICTNET network conference London
- 2010 Intangible capital. Can it explain the unexplained. CAED conference London
- 2009 Intangible Capital. Conference Education and Economy. Educational Research Centre of Tallinn University of Technology, Mainor Business Schoold and Vilnius University Business Department 8.-9.5.2009, Tallin.
- 2009 Intangible Capital. COINVEST Meeting, London.
- 2007 Innovation Gap and Growth in a Knowledge Economy. European Economic Association (EEA) and Econometric Society (ESEM) joint world congress 27.-31.8.2007, Budapest
- 2006 Knowledge Capital as the Engine for Growth. European Economic Association (EEA) and Econometric Society (ESEM) joint world congress 24.-28.8.2006, Wien
- 2005 Knowledge Capital as the Engine for Growth. The Society of Labor Economics and European Association of Labour Economics (SOLE/EALE) joint world congress 3.-5.6.2005, San Francisco
- 2005 Knowledge Capital as the Engine for Growth. International Economic Association world congress (IEA) 30.8.-2.9.2005, Marrakesh, Morocco
- 2003 Profit Sharing: Earnings and Productivity Effects in Finland, The European Association for Re-search in Industrial Economics (EARIE) congress, Helsinki.
- 2003 Profit Sharing: Earnings and Productivity Effects in Finland, Comparative Analysis of Enter-prise (Micro) Data (CAED) congress, London, UK 26.8.
- 2002 Rent Sharing as Part of Incentive Payments and Recruitment, International Economic Association (IEA) world congress, Lisbon, Portugal.

- 2002 Technological Change and Incentive Pay Schemes in Finland, New Challenges for the Labour Market Institutions and Income Distribution, Enepri Congress on Welfare and the Labour Market in the EU, Marseilles, France 25.10.-26.10.
- 2002 Technological Change and Incentive Pay Schemes in Finland, New Challenges for the Labour Market Institutions and Income Distribution, Enepri Congress on Welfare and the Labour Market in the EU, Marseilles, France 25.10.-26.10.
- 2002 Beskattnng av portföljinvesteringar i Finland, Seminarium om beskattning av internationella aktiebesparingar Nordiska Skattevetenskapliga Forskningsrådet (Taxation of International Portfolio Investment, seminar by Nordic Tax Foundation), Helsinki 30.10.-31.10.
- 1998 International Taxation, Seminar on tax competition and co-ordination of tax policy in the European Union under EU presidency of Austria, organized by Austrian Federal Ministry of Finance, Vienna, (invited speaker)
- 1993 Capital Income Taxation in a Dynamically Efficient Open Economy, Summer Meeting of American Economic Association, Boston.