

Curriculum Vitae

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Name: Tapio Kalervo Palokangas (Mr., D.Phil, Prof.)
Date of Birth: September 12, 1951
Nationality: Citizen of Finland
Current residence: Espoo, Finland

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Family: Wife Leena Palokangas, two daughters (Silja 1992, Tarja 1996)

Current Positions

1.10.2019- Professor Emeritus, University of Helsinki, Finland
1.6.1989- Docent, University of Jyväskylä, Finland

Education and degrees awarded

20.7.1985 Doctor of Philosophy, University of Oxford (U.K.). Examiners: David Bevan (St John's College, Oxford), Alasdair Smith (University of Sussex)
1979-1983 Graduate student, Nuffield College, Oxford. Supervisors: Christopher Bliss (university) and James Mirrlees (college)
22.11.1979 Licentiate of Economic Sciences, University of Tampere
10.6.1976 Master of Economic Sciences (majoring in Economics, Mathematics and Statistics), University of Tampere
31.5.1970 Matriculation Examination, Saarijärvi Grammar School

Linguistic skills

Finnish (native), English (fluent), Swedish, German, Russian.

Previous professional appointments and career breaks

1.1.1980-30.6.1983 Research Assistant, Academy of Finland
1.7.1983-31.7.1988 Acting Associate Professor, University of Jyväskylä
1.8.1988-31.7.1989 Acting Professor, University of Jyväskylä
1.8.1989-30.6.1990 Senior Assistant (assistant professor), University of Tampere

1.7.-31.12.1990 Acting Professor, University of Tampere
 1.1. -31.10.1991 Senior Assistant (assistant professor), University of Tampere
 1.11.1991-30.6.1993 Acting Professor, University of Tampere
 1.7.1993-31.7.1993 Senior Assistant (assistant professor), University of Tampere
 1.8.1993-31.12.1993 Acting Associate Professor, University of Helsinki
 1.1.1994-30.9.2019 Professor of International Economics, University of Helsinki

Academic visits outside Finland

1.8.1996-31.7.1997 Visiting Fellow in Clare Hall College, Cambridge (U.K.), on leave of absence from the University of Helsinki.
 25.3. -1.4.2000 Department of Economics, University of Essex (U.K.), as a part of the Socrates Exchange of University Lecturers.
 12. -20.3.2002 and 15.7.-8.8.2002 Center for Economic Studies (CES), Munich, Germany.
 13. -19.6.2004 Department of Economics, University of Rostock, Germany, as a part of the Socrates Exchange of University Lecturers.
 30.3.-5.4.2008 Institute for Economic Studies, Charles University, Prague, Czech Republic, as a part of the Socrates Exchange of University Lecturers.
 7. -20.3.2010 Department of Economics, University of Bologna, as a part of the Erasmus Exchange of University Lecturers.
 3. -9.5.2015 Department of Theoretical Economics, University of Barcelona, Spain, as a part of the Erasmus Exchange of University Lecturers.
 1. -14.5.2016 Faculty of Economics and Management, University of Pisa, Italy, as a part of the Erasmus Exchange of University Lecturers.
 23.9 -6.10.2018 Department of Theoretical Economics, University of Barcelona, Spain.
 2006-2019 International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, at least five weeks each year.

Administrative experience

1.8.1990-31.7.1992 Member of the Governing Board of the Faculty of Social Sciences, University of Tampere
 1.10.-31.12.1992 Head of the Department of Economics, University of Tampere
 1.8.1998-31.12.2000 Head of the Department of Economics, University of Helsinki
 1.1.2004-31.12.2006 Member of the Governing Board of the Faculty of Social Sciences, University of Helsinki
 1.1.2007-31.12.2009 Member of the Supervisory Board of the Finnish Doctoral Program in Economics (FDPE)
 1.1.2007-31.12.2009 Member of the Board of the Helsinki Center of Economic Research (HECER)
 1.9.2008-31.12.2009 Head of the Department of Economics, University of Helsinki
 1.1.2010-31.12.2013 Vice-Dean of the Faculty of Social Sciences, University of Helsinki
 1.7.2016-30.5.2018 Director of the Helsinki Center of Economic Research (HECER)

Major research funding and academic leadership, student supervision

Senior Scientist's grant for Academic year 1996-7, Academy of Finland 1995

Clare Hall Grant for Academic year 1996-7, University of Helsinki 1995

Supervision of PhD theses:

- Juha Tervala 2008, University of Helsinki
- Anichul Khan 2008, University of Helsinki
- Tuomas Malinen 2012, University of Helsinki
- Fidelis Landy 2012, University of Helsinki
- Min Zhu 2018, University of Helsinki
- Antti Huotari 2020, University of Helsinki
- Michael Hohenthal 2022, University of Helsinki

Supervision of Licentiate theses (since 2008):

- Antti Huotari 2008
- Viveka Tschamurov 2012
- Michael Hohenthal 2018
- Louise Hohenthal 2021

Supervision of Master theses (since 1983):

- over 200 theses in the Universities of Jyväskylä, Tampere and Helsinki

Major teaching duties and pedagogical competence

Courses in English:

	<i>Hours</i>	<i>University</i>
Globalization and Growth	24	Helsinki 2006, 2008, 2010, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019; Bologna (Italy) 2010, Pisa (Italy) 2016
Advanced Macroeconomics	40-50	Helsinki 2007, 2009, 2011
Growth and Cycles	24	Helsinki 2012, 2013, 2014, 2015, 2016, 2017, 2018

Courses in Finnish:

	<i>Hours</i>	<i>University</i>
Economic Growth	12-24	Helsinki 2015, 2016, 2017, 2018, 2019
Intermediate Microeconomics	50	Jyväskylä 1983; Tampere 1991, 1992
Intermediate Macroeconomics	44-50	1984, 1985, 1986, 1987, 1988; Tampere

		1991, 1992; Helsinki 2000, 2001, 2002, 2003, 2004, 2005
Advanced Microeconomics	50	Jyväskylä 1983, 1984, 1985, 1986, 1987, 1988
Advanced Macroeconomics	40-50	Jyväskylä 1988, 1989, 1990, 1991, 1992, 1993; Tampere 1989, 1990; Helsinki 1993, 1994, 1995, 1996, 1998
International Economics	24	Tampere 1993; Helsinki 1993, 1994, 1995
International Monetary Economics (advanced)	24	Helsinki 1994, 1995, 1996, 1998, 1999, 2000
Mathematics for Economists	24-32	Jyväskylä 1983; Helsinki 1994, 1995, 2006, 2007
Portfolio Theory and Monetary Economics	24	Jyväskylä 1985, 1986, 1987; Tampere 1990, 1991; Joensuu 1991
Methodology of Economics	8	Jyväskylä 1984, 1985, 1986, 1987

Other scientific or academic merits and activities

Examiner of Ph.D theses:

- Raija Volk, 1992, University of Jyväskylä (with significant revisions)
- Markku Kotilainen, 1995, University of Helsinki (with significant revisions)
- Juha Honkatukia, 1997, Helsinki School of Economics and Business Administration (with significant revisions)
- Panu Poutvaara, 2001, University of Helsinki
- Tuomas Komulainen, 2004, Turku School of Economics and Business Administration (with significant revisions)
- Hannu Koskinen, 2007, University of Jyväskylä (with significant revisions)

Opponent in the Ph.D. examination:

- Pasi Holm, University of Helsinki 1994
- Jian-Guan Shen, University of Helsinki 2001
- Pekka Lauri, Helsinki School of Economics and Business Admin. 2004.

Assessor for the scientific competence of the applicants:

- for a Chair of Professor in International Economics, The Turku School of Economics and Business Administration, Finland 2000.
- for a Chair of Professor in International Economics. University of Vaasa, Finland 2003.

- for a grade of a Docent of Economics, Jouko Vilmunen, University of Helsinki 2002
- for a grade of a Docent of International Economics, Jouko Vilmunen, University of Tampere 2002

Memberships of scientific associations:

- European Economic Association (EEA) 1995-
- American Economic Association (AEA) 1996-
- Royal Economic Society 1996-
- German Economic Association 1999-
- Life member of Clare Hall College, Cambridge (U.K.) 1997-
- Member of IIASA Society 2007-

Specialist in international scientific organizations:

- Fellow of IZA, Bonn, Germany 2002-
- Member of Technical Committee, International Federation of Automation and Control (IFAC) 2009-
- Research Scholar, IIASA, Laxenburg, Austria 2006-

Editorships in Scientific journals:

- European Economic Review (Elsevier), Associate editor 2003-2012
- The Review of the Liberal Arts University (Yekaterinburg, Russia), Editorial Council 2019-

As a referee numerous times at least for the following journals:

- AUCO Czech Economic Review
- Finnish Economic Papers
- Economic Journal
- European Economic Review
- European Journal of Political Economy
- German Economic Review
- Journal of Economic Behaviour and Organization
- Journal of Economic Dynamics and Control
- Journal of Evolutionary Economics
- Journal of Economic Growth
- Journal of Economics – Zeitschrift für Nationalökonomie
- Journal of Institutional and Theoretical Economics
- Metroeconomica
- Review of Development Economics
- Review of International Economics
- Scandinavian Journal of Economics
- Scottish Journal of Political Economy

Organizer of international conferences, symposiums, workshops and courses:

- Organizer of the International Economics workshop (together with Pertti Haaparanta), the Finnish Postgraduate Programme in Economics, 1994-5.
- Organizer of the international conference on Stochastic Economic Dynamics (SED), Elsinor (Denmark), August 16-17, 2002.

- Organizer of the international conference on “Dynamics, Economic Growth and International Trade” (DEGIT), Helsinki, May 30-31, 2003.
- Organizer of the Europaeum Economics Workshop, Helsinki, October 27-28, 2006.
- Organizer of the ECG Symposium, November 7-8, 2008, IIASA, Laxenburg, Austria.
- Organizer of the Political Economy Conference, March 13-14, 2009, HECER, Helsinki, Finland.
- Organizer of the international conference on “Dynamics, Economic Growth and International Trade” (DEGIT), St Petersburg, September 8-9, 2011.
- Organizer of the IIASA Symposium on “Green growth and sustainable development”, December 9-10, 2011, Laxenburg, Austria.
- Member of the Program Committee for the Course on “Economic Growth: Mathematical Dimensions”, July 5-26, 2009, Lomonosov Moscow State University, Moscow, Russia.
- Member of the Program Committee for the Course on “Economic Growth: Mathematical Dimensions”, January 30 – February 6, 2011, Lomonosov Moscow State University, Moscow, Russia.

Presentations in Recent International Conferences (since 2001):

2001	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Vienna, Austria
2001	European Meeting of Econometric Society (ESEM), Annual Conference (ESEM), Lausanne, Switzerland
2002	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Cologne, Germany
2002	International Institute of Public Finance (IIPF), Annual Conference, Helsinki; Finland.
2002	Conference on Stochastic Economic Dynamics (SED), Elsinor, Denmark.
2002	Annual Conference of Italian Labour Economists (AIEL), Salerno, Italy.
2002	European Association for Labour Economists (EALE), Annual Conference, Paris, France.
2003	Viennese Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics, Vienna, Austria
2003	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Helsinki, Finland
2004	Globalization - Implications for Labour Market and Welfare Policies, Ebeltoft, Aarhus, Denmark
2004	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Reykjavik, Iceland
2004	European Association for Labour Economists (EALE), Annual Conference, Lisbon, Portugal
2005	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Mexico City, Mexico
2005	The 4 th Europaeum Economic Workshop, Bologna, Italy
2006	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Jerusalem, Israel

- 2006 IIASA/IFAC Workshop, Laxenburg, Austria
- 2007 IIASA/Tokyotech Workshop, Laxenburg, Austria
- 2008 Symposium on Stochastic Dynamic Models in Finance and Economics, University of Southern Denmark, Odense
- 2008 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Manila, Philippines
- 2009 HECER Political Economy Conference
- 2009 IFAC/CAO'09 Annual Conference, Jyväskylä, Finland
- 2009 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Los Angeles, USA
- 2009 CO2 Symposium, Sonderborg, Denmark
- 2009 BIOECON 2009 Conference, Venice, Italy
- 2009 IIASA/Tokyotech Workshop, Laxenburg, Austria
- 2010 The 11th Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics, Amsterdam, Netherlands
- 2010 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Frankfurt am Main, Germany
- 2011 IFAC World Congress, Milan, Italy
- 2011 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, St Petersburg, Russia
- 2011 IIASA Symposium on "Green growth and sustainable development", Laxenburg, Austria
- 2012 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Milan, Italy
- 2013 Structural Change, Dynamics, and Economic Growth, Livorno, Italy
- 2013 Symposium on Economic Growth and Sustainable Development, HSE, St Petersburg, Russia
- 2014 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Nashville, USA
- 2015 13th Workshop on Optimal Control and Dynamic Games, Wien, Austria
- 2015 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Geneva, Switzerland
- 2016 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Nottingham, United Kingdom
- 2016 European Trade Study Group (DEGIT), Annual Conference, Helsinki, Finland
- 2016 Systems Analysis: Modelling and Control, Krasovskiy Institute of Mathematics and Mechanics, Yekaterinburg, Russia
- 2016 The 6th Viennese Vintage Workshop, Vienna University of Technology, Austria
- 2017 International Workshop on Economic Growth, Macroeconomic Dynamics and Agents' Heterogeneity, St. Petersburg, Russia
- 2017 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Paris, France
- 2018 14th Workshop on Optimal Control and Dynamic Games, Wien, Austria
- 2018 Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Moscow, Russia
- 2018 IFAC/CAO'18 Annual Conference, Krasovskiy Institute of Mathematics and Mechanics, Yekaterinburg, Russia

2019	The 5th International Workshop on Economic Growth, Environment and Natural Resources, St. Petersburg, Russia
2019	Dynamics, Economic Growth and International Trade (DEGIT), Annual Conference, Odense, Denmark
2019	International Conference on “Stability, Control, Differential Games” (SCDG2019), Yekaterinburg, Russia
2012	15th Viennese Conference on Optimal Control and Dynamic Games, Wien, Austria

Scientific and societal impact of research

A. Peer-reviewed scientific articles	
A1. Articles (refereed), original research in journals and books	43 (alone 34)
A4. Conference proceedings	1
B. Non-refereed scientific articles	
B1. Non-refereed journal articles (since 2005)	1
B2. Book section	2
B3. Non-refereed conference proceedings (since 2006)	5
C. Scientific books (monographs)	
C1. Book	1 (alone 1)
C2. Edited book, conference proceedings or a special issue of a journal	5
G. PhD and Licentiate theses	2

10 relevant publications:

- Optimal Population Policy with Health Care and Lethal Pollution. *Portuguese Economic Journal* (2023) 22, 31–47 (co-authored with U. Lehmijoki).
- Public Policy, Footloose Capital and Union Influence. *Review of International Economics*, 2020, 28, 976-991.
- Emission Permit Trading with a Self-Interested Regulator. *Environmental Economics and Policy Studies*, 2019, 21, 413–426.
- Land Reforms and Population Growth. *Portuguese Economic Journal*, 2016, 15, 1-15 (co-authored with U. Lehmijoki)
- Optimal Capital Taxation, Labor Unions, and the Hold-Up Problem. *Labour: Review of Labour Economics and Industrial Relations*, 2014, 28, 359-375.
- Optimal patent length and breadth in an economy with creative destruction and non-diversifiable risk. *Journal of Economics*, 2011, 102, 1-27.
- Trade, status, population growth, and the environment in developing countries. *Journal of Population Economics*, 2010, 23, 1352-1370 (co-authored with Ulla Lehmijoki)
- *Dynamic Systems, Economic Growth and the Environment* (co-edited with J. Crespo-Cuaresma and A. Tarasyev eds.), Springer, 2009.
- Competition and product cycles with non-diversifiable risk. *Journal of Economics*, 2008, 94, 1-30.
- *Labour Unions, Public Policy and Economic Growth*. Cambridge University Press, 2000.