

# Curriculum Vitae

Name: Jaan Masso  
Gender: Male  
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## Education

- 2005 University of Tartu (Estonia), PhD in economics at School of Economics and Business Administration. Thesis title: "Labour Reallocation in Transition Countries: Efficiency, Restructuring and Institutions".
- 2001 University of Tartu (Estonia), *magister artium* (MA) in economics *cum laude*. Thesis title: "The impact of financing constraints on investments: the case of Estonia"
- 1998-2000 Eurofaculty Fellowship Programme in Economics, University of Tartu
- 1997 University of Tartu (Estonia), *baccalaureus artium* (BA) in economics *cum laude*. Thesis title: "Prices and pricing models of options". Major Fields of Study: Corporate Finance and Investments; Modelling of Economic Processes.

## Studies abroad

- February 2012 PhD course "Microeconomic Evaluation Methods", lecturer Monica Costa Dias, University of Copenhagen, Copenhagen, Denmark.
- February 2005 PhD course "Innovation and Industrial Dynamics", prof. William Lazonick (INSEAD), Norwegian School of Management BI, Sandvika, Norway
- January-June 2004 Young Researcher within the EU 5th Framework Programme Project "Baltic Sea Area Studies – Northern Dimension of Europe" (BaltSeaNet, HPRN-CT-2000-00073) at University of Gdansk, Poland
- July 2003 Summer School "The Baltic Sea Region 2010. Theories, Methods and Practicalities". Euro Summer School at the Alfred Grupp Wissenschaftskolleg Greifswald in Greifswald, Germany.
- Oct-Dec. 2002 PhD course "Topics in Applied Microeconometrics", prof. Almas Heshmati (United Nations University/WIDER), Helsinki School of Economics, Finland.
- September 2002. PhD course "Panel Data Econometrics", prof. Steve Bond, (The Institute for Fiscal Studies / Nuffield College), University of Helsinki, Finland.
- Kiel Summer School, Christian-Albrechts-Universität zu Kiel, Germany

## Professional work experience and research projects

### Work experience

- 2009, September-October: Bank of Estonia (Eesti Pank, central bank of Estonia), visiting researcher.
- 2006 - ... University of Tartu, Faculty of Economics and Business Administration, Institute of Economics, Senior Research Fellow
- 2001 - 2006 University of Tartu, Faculty of Economics and Business Administration, Institute of Economics, Research Fellow

### International research projects

- 2011-2012: International Labour Organization and European Commission project "Adjustments in the public sector: Scope, effects and policy issues ". Coordinator: Daniel Vaughan-Whitehead (ILO)
- 2010-2012: European Commission 7<sup>th</sup> Framework Programme project „Growing Inequalities Impacts“. Coordinator: prof. Wiemer Salverda, University of Amsterdam (Netherlands).
- CERGE-EI GDN Foundation project RRC11+041 „The role in experimentation with different export markets and products in explaining the growth heterogeneity of new firms“ (together with koos Priit Vahter)
- 2010: International Labour Organization and European Commission project "Inequalities in the World of Work: The Effects of the Crisis. Assessment and Policy Answers". Coordinator: Daniel Vaughan-Whitehead (ILO)

- 2009-2010: European Commission project „European Universities Micro Data - EUMIDA“. Coordinator: Andrea Bonaccorsi (University of Pisa, Italy).
- 2007-2008: International Labour Organization and European Commission project “The minimum wage revisited in the enlarged EU: Issues and Challenges“. Coordinator: Daniel Vaughan-Whitehead (ILO)
- 2006-2009: European Union 6<sup>th</sup> Framework Programme Project CIT5- 028519 “Understanding the Relationship between Knowledge and Competitiveness in the Enlarging EU – U-KNOW“. Coordinator: Dr. Johannes Stephan, IWH, Germany. Coordinator at University of Tartu (Estonia): prof. Urmas Varblane.
- Nordic Innovation Centre project “Innovation and Growth in the Nordic Economies - IGNORED”, October 2006- May 2008. Project coordinator: Mark Knell (NIFU-STEP, Norway).
- Project „Public Funding of Research in Central and Eastern European Countries“, February 2007-December 2008, financed by the European Network of Excellence on Policies for Research and Innovation in the Move towards an European Research Area (PRIME) of the 7th Framework Programme of the European Union. Project coordinator: Benedetto Leppori (University of Lugano, Switzerland)
- 2006, January-March: contract with Corvinus University of Budapest, IKU Innovation Research Centre for writing a report “Private Sector Interaction in the Decision Making Process of Pubic Research: Country profile for Estonia”.
- 2004, August – October: World Bank project “Analysis of the Unemployment Insurance in Estonia” (with Raul Eamets, Andres Võrk, Reelika Leetmaa), coordinator M. Vodopivec (World Bank)
- 2004, April-May: European Union project “European Union firm-level project”, coordinator Eric Bartelsman (Free University of Amsterdam).
- 2004: European Commission and International Labour Organization project “Working and employment conditions in future EU member states”, with Raul Eamets (the expert for Estonia), Rait Raal, coordinator D. Vaughan-Whitehead (ILO)
- 2003 June-October World Bank project “World Bank Firm Level Project” (with Raul Eamets), coordinators S. Scarpetta (World Bank), E. Bartelsman (Free University of Amsterdam), J. Haltiwanger (University of Maryland)
- 2003-2005: Researcher for the European Union 5th framework programme project “EZONEPLUS – The Eastward Enlargement of the Eurozone” (HPSE-CT-2001-00084) at the University of Tartu, Estonia. Coordinator: Prof. Michael Bolle, Free University of Berlin, Germany. Coordinator at University of Tartu (Estonia): prof. Tiiu Paas.
- 2003-2004: Researcher for the European Union 5<sup>th</sup> framework programme project “Baltic Sea Area Studies – Northern Dimension of Europe” (BaltSeaNet, HPRN-CT-2000-00073) at University of Gdansk, Poland. Project coordinator: Prof. Bernd Henningsen, Humboldt University Berlin, Germany. Coordinator at University of Tartu (Estonia): prof. Tiiu Paas.

### **National research projects**

- Ministry of Education and Research of the Republic of Estonia project „Research and Innovation Policy Monitoring Programme“, 2011-2015. Coordinator: prof. Urmas Varblane
- 2010-2014: Estonian Science Foundation grant project No. 8311 “Innovation indicators for converging economies”, grant holder.
- 2010: Republic of Estonia Ministry of Finance project “The impact of non-taxation of profits on investments and economic development”. Coordinator: Siim Espenberg (University of Tartu)
- 2007 to date: Researcher for the Estonian Ministry of Education and Research target financed research project no. SF0180037s08 “The path dependent model of the innovation system: development and implementation in the case of a small country” at the Institute of Economics, University of Tartu, Estonia.
- 2006-2009: Estonian Science Foundation grant project No. 6853 “Promotion of innovative activities and commercialization of new products through cooperation in networks and industrial clusters”, grant holder.
- 2003 to 2006: Researcher for the Estonian Ministry of Education and Research target financed research project no. 0182588s03 “Structural changes in the Estonian labour market: risks on sustainable development of the economy” at the Institute of Economics, University of Tartu, Estonia.
- 2005-2007: Estonian National Development Plan (priority 1.1. Human resource development) project „Assurance system for quality, effectiveness and sustainability of doctoral studies in Estonian universities“ (coordinator Dr. Väino Puura, University of Tartu, Estonia), sub-project “Estimating the future needs for top specialists with doctoral degrees”, coordinator R. Eamets (University of Tartu, Estonia)

- 2001-2002: Researcher for the Estonian Ministry of Education and Research target financed research project no. 0180525s98 “Decision Making Process and Modelling of Economies in Transition” at the Institute of Economics, University of Tartu, Estonia.
- 2005 –2008, Estonian Science Foundation project no. 6479 “The valuation of human capital in Estonian labour market: issues of over-education and skill-mismatch” (project leader: Kaia Philips), principal investigator.
- 2005-2008, Estonian Science Foundation project no. 6475 „ Modelling Regional Economic Development in the Context of EU Enlargement “ (project leader: Tiiu Paas), principal investigator.

### Teaching activities

- Teaching assistant and instructor at the University of Tartu for different BA, MA and PhD courses: macroeconomics, statistics, operations research.

### Skills of quantitative analysis

Software: STATA, SPSS, Eviews. Methods: microeconometrics (panel data analysis, selection models, duration models etc.), operations research, stochastic frontier models etc.

### Refereeing for academic journals

Economic Systems, Emerging Markets Finance and Trade, Baltic Journal of Economics, Baltic Journal of Management, Journal of Business Economics and Management, African Journal of Agricultural Research, Structural Change and Economic Dynamics, The Services Industries Journal

### Membership of professional bodies

Member of the European Network of Indicator Designers, 2010; member of the European Association for Comparative Economic Studies, 2006; member of European Association of Labour Economists, since 2004; member of Estonian Economic Association, since 2003

### Selected publications

- 1) Masso, J., Vahter, P. (2012), “The Link between Innovation and Productivity in Estonia’s Service Sectors”, The Service Industries Journal, forthcoming.
- 2) Espenberg, K., Themans, A., Masso, J., Eamets, R. (2012), „Does a university degree pay off in the Estonian labour market?“, Studies for the Learning Society, Vol. 2, Number 2-3, pp. 46-60.
- 3) Masso, J., Krillo, K. (2011), „Mixed adjustment forms and inequality effects in Estonia, Latvia and Lithuania “, in D. Vaughan-Whitehead (Ed.), Work Inequalities in the Crises, Edvard Elgar, pp. 38-102.
- 4) Masso, J., Meriküll, J. (2011), “Macroeconomic effects of zero corporate income tax on retained earnings”, Baltic Journal of Economics, Vol. 11, No. 2, pp. 81-100.
- 5) Masso, J., Krillo, K. (2011), „Mixed adjustment forms and inequality effects in Estonia, Latvia and Lithuania “, in D. Vaughan-Whitehead (Ed.), Work Inequalities in the Crises, Edvard Elgar, pp. 38-102.
- 6) Ukrainski, K.; Masso, J.; Varblane, U.; Carayannis, E. G. (2011), “Assessing innovative behaviour of firms: an attempt to reveal path dependency effects”, International Journal of Innovation and Regional Development, Vol. 3, Issue ¾, pp. 273-304.
- 7) Masso, J.; Eamets, R., Mõtsmees, P., Philips, K. (2011), “The impact of inter-firm labour mobility on innovation: evidence from job search portal data”, in Elias Carayannis, Urmas Varblane, and Tõnu Roolah (Eds.) Innovation Systems in Small Catching-Up Economies, Springer, pp. 297-321.
- 8) Lepori, B., Masso, J., Jablecka, J., Sima, K., Ukrainski, K. (2009), “Comparing the organization of public research funding in Central and Eastern European Countries”, *Science and Public Policy*, pp. 667-681.
- 9) Masso, J., Ukrainski, K. (2009), “Competition for public project funding in small research system: the case of Estonia”, *Science and Public Policy*, pp. 683-695.
- 10) Masso, J., Varblane, U., and P. Vahter (2008), “The Impact of Outward FDI on Home-Country Employment in a Low-Cost Transition Economy“, *Eastern European Economics*, Vol. 46, Issue 6, pp. 27-61.
- 11) Masso, J., Vahter, P. (2008), “Technological Innovation and Productivity in Post-Transition Estonia: Econometric Evidence from Innovation Surveys”, *European Journal of Development Research*, Vol. 20, Issue 2, pp. 240-261.
- 12) Vahter, P., Masso, J. (2007), “Home versus Host Country Effects of FDI: Searching for New Evidence on Productivity Spillovers”, *Applied Economics Quarterly*, Vol. 53, No. 2, pp. 165-196.
- 13) Masso, J. and A. Heshmati. (2004), “Optimality and Overuse of Labour in Estonian Manufacturing Enterprises”, *Economics of Transition*, Vol. 12, Issue 4, pp. 683-720.
- 14) Eamets, R. and J. Masso. (2005) “The Paradox of the Baltic States: Labour Market Flexibility but Protected Workers?”, *European Journal of Industrial Relations*, Vol. 11, pp. 71-90.

- 15) Masso, J. and K. Staehr (2005), "Inflation Dynamics and Nominal Adjustment in the Baltic States", *Research in International Business and Finance*, Vol. 19, Issue 2, pp. 281-303.
- 16) Masso, J. (2002), "Financing constraints as determinants of investment behaviour among Estonian firms", *Baltic Journal of Economics*, Vol. 3, Number 1, 2002, pp. 8-30.
- 17) Eamets, R., Kallaste, E., Masso, J. and M. Rõõm (2003), "How flexible are labour markets in the CEECs? A Macro level approach", *TRANSFER (Quarterly of the European Trade Union Institute)* 1/2003, pp. 101-121.
- 18) Masso, J., Eamets, R. and K. Philips, (2006) "Job Creation and Job Destruction in Estonia: Labour Reallocation and Structural Changes", in Helena Hannula, Slavo Radosevic and Nick von Tunzelmann (Eds.), "*Estonia, the New EU Economy: Building a Baltic Miracle?*" London: Ashgate, pp. 105-142.
- 19) Masso, J., Eamets, R. and K. Philips, (2007), "Creative Destruction and Transition: Evidence on Firm Demographics from Estonia", in J.M. Arauzo and M. Manjón (Eds.), *Entrepreneurship, Industrial Location and Economic Growth*, Edward Elgar, pp. 81-103.
- 20) Vahter, P., Masso, J. (2007), "Home country spillovers of FDI: some results and discussion of estimation issues", in K. Liebscher, J. Cristl, P. Mooslechner and D. Ritzberger-Grünwald (Eds.), *Foreign Direct Investment in Europe. A Changing Landscape*. Cheltenham, UK / Northampton, MA, USA: Edward Elgar, pp. 106-118.
- 21) Masso, J., Eamets, R., Philips, K. (2006), "Job Flows and Worker Flows in the Baltic States: Labour Reallocation and Structural Changes", in T. Paas and R. Eamets (Eds.), *Labour Market Flexibility, Flexicurity and Employment: Lessons of the Baltic States*, Nova Science, pp. 61-99.
- 22) Masso, J., Eamets, R. (2007), "Macro-Level Labour Market Flexibility in the Baltic States", in T. Paas and R. Eamets (Eds.), *Labour Market Flexibility, Flexicurity and Employment: Lessons of the Baltic States*, Nova Science, pp. 101-142.
- 23) Masso, J., Paas, T. (2007), "Social Protection Systems and Labour Market Policies in the Baltic States", in T. Paas and R. Eamets (Eds.), *Labour Market Flexibility, Flexicurity and Employment: Lessons of the Baltic States*, Nova Science, pp. 143-181.
- 24) Masso, J., Krillo, K. (2010), "Estonia, Latvia and Lithuania: Minimum Wages in a Context of Migration and Labour Shortages", in Daniel Vaughan-Whitehead (Ed.), *The minimum wage revisited in the enlarged EU*, Edward Elgar, pp. 113-152.