CURRICULUM VITAE

GINTERS BUSS

Affiliation

Latvijas Banka	Email:	ginters.buss@gmail.com
Monetary policy department	Homepage:	http://gin.mozello.com
Monetary research and forecasting division		
Kr. Valdemara 2a	Google Scholar:	http://tinyurl.com/qzpklul
Riga, LV-1050, Latvia	Ideas/RePEc:	https://ideas.repec.org/e/pbu196.html

Professional Experiences

Oct 2017 - Present: **Latvijas Banka** (the central bank of Latvia) in Riga, Latvia.
Chief Econometrician at the Monetary policy department,
Monetary research and forecasting division.
Research, policy analysis, forecasting. Development and maintenance of models, including DSGE, semi-structural, and time series models, for policy analysis and forecasting. Development of the forecasting platform integrating DSGE and short-term models.

Dec 2011 - Sep 2017: **Latvijas Banka** (the central bank of Latvia) in Riga, Latvia.
Senior Econometrician at the Monetary policy department,
Monetary research and forecasting division.
Research, policy analysis, forecasting. Development of models for policy analysis and forecasting.

2011 - 2013: **Riga Technical University** in Riga, Latvia.
Lecturer of Statistical Analysis for Master students.

Oct 2008 - Nov 2011: **Central Statistical Bureau of Latvia** in Riga, Latvia.
Mathematical support division.
- Jul 2009 - Nov 2011: *Senior Officer*

Time series analysis, incl. GDP flash estimate (developed a forecasting platform in Scilab environment) & seasonal adjustment. Received written acknowledgement from the President of Central Statistical Bureau of Latvia regarding the contribution in the field of time series analysis.
- Oct 2008 - Jun 2009: *Statistician*

Forecasting, backcasting, seasonal adjustment, statistical disclosure control.

Oct 2008: **Banku Augstskola**, School of Business and Finance in Riga, Latvia.
Visiting lecturer of Statistics for 2nd and 3rd year Bachelors.

Apr-Aug 2005: **Central Statistical Bureau of Latvia** in Riga, Latvia.
Statistician at the Mathematical support division.
Sampling, calibration.

Education

2009 - 2014: **Dr. in Information Technology** (Dr.sc.ing) at Riga Technical University (Latvia),
Faculty of Computer Science and Information Technology,
Department of Probability Theory and Mathematical Statistics.
Dissertation title: “Robust time series forecasting methods”.
Principal advisors: Dr.habil.math. Prof. J. Carkovs, Dr.math. Assoc.Prof. V. Ajevskis.

2007 - 2008: **Ph.D. student in Economics** at Duke University (US)

2005 - 2007: **MA in Economics** at Central European University (Hungary)

Feb - Jun 2004: **Visiting student** at Ghent University, Faculty of Economics and Management (Belgium)

2001 - 2005: **BA in Economics** at University of Latvia, Department of Macroeconomic Development and Forecasting.

Research Interests

Modeling, forecasting, time series analysis

Research

Runstler G. et al.
Real and financial cycles in EU countries - Stylised facts and modelling implications
Occasional Paper Series No 205/January 2018, European Central Bank
Available at: https://www.ecb.europa.eu//pub/pdf/scpops/ecb.op205.en.pdf

Wage formation, unemployment and business cycle in Latvia
Working Papers 2017/01, Latvijas Banka
Available at: https://ideas.repec.org/p/ltv/wpaper/201701.html

Ciccarelli M. and C. Osbat (eds.)
Low inflation in the euro area: Causes and consequences
ECB Occasional Paper No 181, January 2017.
Available at: https://www.ecb.europa.eu/pub/pdf/scpops/ecbop181.en.pdf

Lafourcade P. et al.
Labour market modelling in the light of the financial crisis
Occasional Paper Series No 175/August 2016, European Central Bank
Available at: https://www.ecb.europa.eu/pub/pdf/scpops/ecbop175.en.pdf

Search-and-matching frictions and labor market dynamics in Latvia
Working Papers 2015/04, Latvijas Banka
Available at: https://ideas.repec.org/p/ltv/wpaper/201504.html

Financial frictions in Latvia
Empirical Economics, vol. 51(2), pp. 547-575, September 2016
http://dx.doi.org/10.1007/s00181-015-1014-z

Real-time signal extraction with regularized multivariate direct filter approach
Journal of Forecasting, vol. 35(3), pp. 206-216, April 2016
http://dx.doi.org/10.1002/for.2352

Tracking economic activity in the euro area: Multivariate direct filter approach
OECD Journal: Journal of Business Cycle Measurement and Analysis, OECD Publishing, Centre for International Research on Economic Tendency Surveys, vol. 2014(2), pp. 1-20.
http://dx.doi.org/10.1787/jbcma-2014-5js0bcts1433

Asymmetric Baxter-King filter
Appeared as "Preliminary results on asymmetric Baxter-King filter" in *Aplimat: Journal of Applied Mathematics*, vol. 4(2011), no. 3, pp. 239-248.
Available at http://mpra.ub.uni-muenchen.de/28176/1/MPRA_paper_28176.pdf

Forecasts with single-equation Markov-switching model: an application to the gross domestic product of Latvia
Journal of Applied Economic Sciences, vol. 5(2(12)/Sum), pp. 48-58.

Economic forecasts with Bayesian autoregressive distributed lag model: choosing optimal prior in economic downturn
Aplimat: Journal of Applied Mathematics, vol. 3(2010), no. 3, pp. 191-200.
Available at http://mpra.ub.uni-muenchen.de/18224/3/MPRA_paper_18224.pdf

Referee Activity

Journal of Business Cycle Analysis and Measurement (OECD and CIRET), Baltic Journal of Economics, Quantitative Finance and Economics, Bank of Lithuania Working Paper Series

Conference and Seminar Presentations

2018 **EAGLE Network meeting, European System of Central Banks** (Hamburg, Germany), **ECB workshop on household heterogeneity and macroeconomics** (Frankfurt, Germany)

2017 **1st Research Conference of the CEPR Network on Macroeconomic Modelling and Model Comparison (MMCN)** (Frankfurt, Germany)

2016 **Working Group on Econometric Modelling, European System of Central Banks** (Frankfurt, Germany), **Baltic central banks' research seminar** (Riga, Latvia)

2015 **Working Group on Econometric Modelling, European System of Central Banks** (Rome, Italy)

2014 **Working Group on Econometric Modelling, European System of Central Banks** (Frankfurt, Germany), **The 2014 Baltic macroeconomic meeting** (Vilnius, Lithuania)

2013 **28th Annual congress of the European Economic Association and the 67th European meeting of the Econometric Society** (Gothenburg, Sweden), **Baltic Central Banks' Research Workshop** (Riga, Latvia)

2012 **Working group on forecasting, European System of Central Banks** (Tallin, Estonia), **53rd International scientific conference of Riga Technical University** (Riga, Latvia)

2011 **26th Annual Congress of the European Economic Association and 65th European meeting of the Econometric Society** (Oslo, Norway), **Finance and Economics conference 2011** (Frankfurt, Germany), **16th International conference on mathematical modelling and analysis** (Sigulda, Latvia), **52nd International scientific conference of Riga Technical University** (Riga, Latvia)

2010 **6th Eurostat Colloquium** on "Modern tools for business cycle analysis: the lessons from global economic crisis" (Luxembourg), **51st International scientific conference of Riga Technical University** (Riga, Latvia), **10th International Vilnius conference on probability theory and mathematical statistics** (Vilnius, Lithuania), **8th Latvian Mathematical conference** (Valmiera, Latvia), **Aplimat 2010 - 9th International conference on applied mathematics** (Bratislava, Slovakia).

Awards and Scholarships

Aug 2010: Financial support by European Social Fund for doctoral studies at Riga Technical University

Aug 2009: Financial support by European Social Fund for doctoral studies at Riga Technical University

Feb 2007: Full Award by Duke University

Aug 2006: Full Fellowship by Central European University

May 2005: Partial Fellowship by Central European University

Jan 2004: Scholarship by Socrates/Erasmus Student Exchange Program for studies in Ghent University

Software Knowledge

Matlab, Dynare, Gauss, Eviews, LaTeX, Scilab, Mathematica, R, Octave, Sage, gretl, SPSS, Stata, Demetra(+), TRAMO/SEATS, X-12a, Maxima, MS/Libre Office
OS: Linux, Windows

Languages

Fluent in both spoken and written: **English and Latvian**
Basic knowledge in **Russian and German**