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EDUCATION

Ph.D. (Economics), Washington University, St. Louis, USA, 2000

Specialist (Physics), Novosibirsk State University, Russia, 1988

ACADEMIC EXPERIENCE

CERGE-EI (under US permanent charter), Citigroup Endowment Associate Professor with tenure	2011-present
CERGE, Charles University, Czech Republic, Docent	since May 2019
Assistant Professor	2000-2019
Economics Institute of the CAS, Czech Republic, Researcher	2000-present
NRU HSE, St Petersburg, Docent	2015-2019
Goethe University Frankfurt, Visiting Professor	2009, 2012
National Bank of Belgium, Consultant	2006-2016
EERC/KSE, Kiev, Ukraine, Visiting Professor	2003, 2007

PROFESSIONAL EXPERIENCE

CERGE-EI: Director	2019-present
NRU HSE SPb: Head of Department of Economics, Academic Director of MA Program in Applied Economics and Mathematical Methods	2015-2018
Russian Journal of Money and Finance: Co-editor	2018-present
CERGE-EI: Deputy Director for Graduate Studies	2012-2015
CERGE-EI: UPCES faculty liaison	2006-2015
CERGE-EI: Hiring Committee Chair	2011
CERGE-EI: Teaching Fellowship Academic Mentor	2011

PUBLICATIONS: Articles

1. "Pitfalls of Coordination?" *International Journal of Central Banking*, 2018, **14**(3), 337-346.
2. "Stochastic Gradient Learning and Instability: an Example." With D. Kolyuzhnov and A. Bogomolova. *Macroeconomic Dynamics*, 2016, **20**(3), 777-790.
3. "Specific and general human capital in an endogenous growth model." With V. Jerbashian and E. Vourvachaki. *Eastern European Economics*, 2015, **53**(3), 167-204.
4. "Escape Dynamics: A Continuous-Time Approximation." With D. Kolyuzhnov and A. Bogomolova. *Journal of Economic Dynamics and Control*, 2014, **38**(1), pp. 161-183.
5. "Learnability of E-Stable Equilibria", *Macroeconomic Dynamics*, 2014, **18**(5), 959-984. With A. Christev.

6. "Learning in a Medium-Scale DSGE Model with Expectations Based on Small Forecasting Models." *American Economic Journal: Macroeconomics*, 2012, **4**(2): 65–101. With R. Wouters.
7. "Learning in an Estimated Medium-Scale DSGE Model." *Journal of Economic Dynamics and Control*, 2012, **36**(1): 26–46. With R. Wouters.
8. "Indeterminacy and Stability in a Modified Romer Model." *Journal of Macroeconomics*, 2007, **29**(1), pp. 169-177.
9. Book review of "Human Psychology and Economic Fluctuation. A New Basic Theory of Human Economics," by Hideaki Tamura. With A. Ortmann. *Journal of Economic Psychology*, 2007, **28**, pp. 628-629.
10. "The Demographic Challenge of the Interconnected Education and Pension System in the Czech Republic." *Czech Journal of Economics and Finance*, 2006 (11-12), pp. 490-505. With V. Vinogradov.
11. "Escape Dynamics: A Continuous Time Approach." In: Proceedings of the 8th Joint Conference on Information Sciences, 2005 (1-3), pp. 1009-1012. With D. Kolyuzhnov and A. Bogomolova.
12. "Indeterminacy, Sunspots, and Development Traps." *Journal of Economic Dynamics and Control*, 2005, **29**(1-2), pp. 159-185.
13. "Post-Vietnam heroin use and injection by returning US veterans: clues to preventing injection today." With Lee N. Robins. *Addiction*, 2003, **98** (8), pp. 1053-1060.
14. "On impossibility of limit cycles in certain two-dimensional continuous-time growth models." *Studies in Nonlinear Dynamics and Econometrics*, 2001, **5**(1), 33-40.
15. "The Electron and Lattice Properties of Superconducting Ceramics YBCO-CI." With Amitin E.B. *et al. Physica C*, (1993), **209**, 407-14.
16. "Technology of Fabrication And Electrical Characteristics Of W, Mo, Ni And Ir, Pd Contacts With YBa₂Cu₃O_{7-x}." With Bessergenev, V.G., Igumenov, I.K., et al. *Superconductor Science and Technology*, 1991, **4** (7), pp. 273-278.

PUBLICATIONS: Other

17. "Duopoly Competition, Escape Dynamics, and Non-cooperative Collusion." With B. Janjgava.
18. *Mathematics for Economists Made Simple*. (2010) By V.V. Vinogradov. Karolinum Press. Editor.
19. "(The Evolution of) Post-Secondary Education: A Computational Model and Experiments." With A. Ortmann. CERGE-EI WP 355 (2008).
20. "One Sector Models, Indeterminacy, and Productive Public Spending." CERGE-EI WP 293 (2006).
21. "Sunspot Fluctuations: A Way Out of the Development Trap?" CERGE-EI WP 175 (2001).

HONORS

Svejnar-Terrell best graduate teacher award, CERGE-EI, 2003-04.

CONFERENCES and Seminars: Invited Presentations

- "Disinflation with Learning Agents in Open Economy." With P. Tretiakov.
 1. Workshop "Frontiers of Macroeconomic Research" at HSE, Moscow, Russia. October 19-20, 2018.
 2. Using DSGE models for analysis of macroprudential and monetary policy. Bank of Russia research seminar, Moscow, May 16-17, 2018.

- Discussion of “*The Role of Expectations in Changed Inflation Dynamics*” by Damjan Pfajfar and John M. Roberts. Inflation: New Insights for Central Banks, 1st research conference of the Bank of Russia, St Petersburg, June 6, 2018.
- Discussion of “*Evaluation of Central Bank Models: Forecasting and Policy Analysis.*” By Francesco Zanetti. Macroeconomic Model for Central Banks: Challenges and Perspectives, Bank of Russia research seminar, Moscow, November 20, 2017.
- “Sparse Restricted Perception Equilibrium.” With V. Audzei. Seminar at the European University in St Petersburg, Russia. March 12, 2018.
- Roundtable presentation on “*Inflation expectations of Russian Households*” at the roundtable “Central Banking: Past, Present, and Future”, European University in St Petersburg, Russia. January 24, 2018.
- “*Adaptive Learning and Survey Expectations of Inflation.*” With R. Wouters.
 1. Seminar at UPV/EHU, Bilbao, Spain, May 5, 2017.
 2. Federal Reserve Board, Washington, D.C., October 13, 2016.
 3. 2016 Conference on Real-Time Data Analysis, Methods and Applications, Federal Reserve Bank of Philadelphia, October 14-15, 2016.
 4. Bilkent University, Turkey, March 28, 2014.
- “*Using the DSGE Model Database.*” University of Zagreb, Croatia, February 14, 2013.
- “*Estimating a medium-scale DSGE model with expectations based on small forecasting models.*” With R. Wouters.
 1. “Macroeconomic Models for Monetary Policy”, Federal Reserve Bank of San Francisco, USA, March 6, 2009.
 2. “Adaptive Learning and Macroeconomic Policy”, Cambridge, UK, September 2008.
 3. Joint Lunchtime Seminar of European Central Bank (ECB), Center for Financial Studies (CFS), and Deutsche Bundesbank. October 8, 2008.
 4. “Learning Week”, St. Louis, USA, June 2008.
 5. CERT seminar, Edinburgh, UK, June 14, 2008.
- “*Learning in an Estimated Medium-Scale DSGE Model.*” With R. Wouters.
 1. 8th BoF-CEPR Conference "Expectations and Business Cycle Dynamics", Helsinki, Finland, 2008.
 2. Chair for Monetary Theory and Policy, Goethe University Frankfurt, April 23, 2008.
- “*Escape Dynamics: A Continuous Time Approximation*” With D. Kolyuzhnov and A. Bogomolova. Seminars at National Bank of Belgium, Nottingham University, Queen University of Belfast, and Reading University, 2006.

GRANTS (as a principal investigator or leader)

- European Commission FP7 Program, MACFINROBODS (“*Integrated Macro-Financial Modelling for Robust Policy Design*”), 2014-2017.
- Global Development Network (GDN) RRC 14, “*Time-Varying Parameters Forecasting with Real-Time Data for Russia*”, 2014.
- Grant Agency of the Czech Republic (GACR), “*Consequences of Low Convergence Speed of the Mean Dynamics in Adaptive Learning Models*”, 2014-2016.
- Grant Agency of the Czech Republic (GACR-DFG), “*Comparative Approach to Macroeconomic Modeling and Policy Analysis: Introducing Adaptive Learning*”, joint with V. Wieland, Goethe University Frankfurt, Germany, 2011-2013.
- Grant Agency of Academy of Sciences of the Czech Republic (GAAV), “*Optimal Human Capital Structure in Two Sector Model with Multiple Types of Human Capital: Generality vs. Specificity*”, 2009-2011.

- Global Development Network Regional Research Competition (GDN RRC), "*Linking Education and Pensions in Transition: A Comparative Study*", 2004-2005.

Ph.D. STUDENTS (As Dissertation Committee Chair)

1. Dmitri Kolyuzhnov, 2006. Current position: Researcher, Institute of Economics and Industrial Engineering, Novosibirsk, Russia.
2. Yulia Rychalovska, 2010. Current position: Assistant Professor, University of Namur, Belgium.
3. Jan Bruha, 2013. Current position: Research Economist, Czech National Bank, Prague, Czech Republic.
4. Batlome Janjgava, 2014. Current position: Deutsche Borse Group.
5. Martin Kuncl, 2014. Current position: Research Economist, Bank of Canada.
6. Anna Bogomolova, 2014. Current position: Senior Lecturer, Novosibirsk State University.
7. Volha Audzei, 2017. Current position: Researcher, Czech National Bank.
8. Aliya Algozhina, 2017. Current position: Assistant Professor, University of Economics, Prague.

Ph.D. STUDENTS (As Dissertation Committee Local Chair)

1. Jan Bena, 2006. Current position: Assistant Professor, Sauder School of Business, University of British Columbia, Vancouver, Canada.
2. Ainura Uzagalieva, 2006. Current position: Post-Doctoral Fellow, University of the Azores, Portugal.