Sergey SLOBODYAN

Citizensip: Russian, permanent resident of the Czech Republic
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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, Prague, Czech Republic, Assistant, Associate Professor,	2000-present
Goethe University Frankfurt, Visiting Professor,	2009, 2012
National Bank of Belgium, Consultant	2006-2014
EERC/KSE, Kiev, Ukraine, Visiting Professor	2003, 2007

PROFESSIONAL EXPRERIENCE

CERGE-EI: Deputy Director for Graduate Studies	2012 - present
CERGE-EI: UPCES faculty liaison	2006 – present
CERGE-EI: Hiring Committee Chair	2011
CERGE-EI: Teaching Fellowship Academic Mentor	2011

HONORS

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

CONFERENCES: Invited Presentations

- **“***Adaptive Learning and Survey Expectations of Inflation.***”** With R. Wouters. Bilkent University, Turkey, March 28, 2014.
- *“Macroeconomic Model Database and Adaptive Expectations.***”** 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. Oct 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, Apr 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)

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), “*Comparative Approach to Macroeconomic Modeling and Policy Analysis: Introducing Adaptive Learning*”, joint with V. Wieland, 2010-2013.

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 Educational and Pensions in Transition: A Comparative Study*" - grant completed.

PUBLICATIONS: Articles

1. “Escape Dynamics: A Continuous-Time Approximation.” With D. Kolyuzhnov and A. Bogomolova. *Journal of Economic Dynamics and Control*, 2014, 38(1), pp. 161-183. IF: 0.807 IF (5Y): 1.21 AIS: 0.954.
   Other versions/titles
   “Escape Dynamics: A Continuous-Time Approximation.” With D. Kolyuzhnov and A. Bogomolova. CERGE-EI WP 285, 2006.
2. “Stochastic Gradient Learning and Instability: an Example.” With D. Kolyuzhnov and A. Bogomolova. *Macroeconomic Dynamics*, Accepted.
   Other versions/titles:
   “Stochastic Gradient versus Recursive Least Squares Learning.” With D. Kolyuzhnov and A. Bogomolova. CERGE-EI WP 309, 2006.
3. “Learnability of E-Stable Equilibria”, *Macroeconomic Dynamics*, Forthcoming. With A. Christev. IF: 0.420 IF (5Y): 0.609 AIS: 0.561.
4. “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. IF: 3.191 IF (5Y): 4.092 AIS: 6.882.
   Other versions/titles:
   “Estimating a Medium-Scale DSGE Model with Expectations Based on Small Forecasting Models.” Mimeo.
5. “Learning in an Estimated Medium-Scale DSGE Model.” *Journal of Economic Dynamics and Control*, 2012, 36(1): 26–46. With R. Wouters. IF: 0.807 IF (5Y): 1.21 AIS: 0.954.
   Other versions/titles
   “Learning in an Estimated Medium-Scale DSGE Model.” CERGE-EI WP 396 (2009).
   “Learning in an Estimated DSGE model.” Mimeo (2007).
6. “Indeterminacy and Stability in a Modified Romer Model.” *Journal of Macroeconomics*, 2007, **29**(1), pp. 169-177. IF: 0.589 IF (5Y): 0.778 AIS: 0.482.
   Other versions/titles:
   “Indeterminacy and Stability in a Modified Romer Model: A General Case.” CERGE-EI WP 284 (2006).
   “Indeterminacy and Stability in a Modified Romer Model.” CERGE-EI WP 205 (2002).

7. 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. IF: 1.081 IF (5Y): 1.749 AIS: 0.907.
8. “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. IF: 0.340 IF (5Y): 0.414 AIS: 0.116.
   Other versions/titles:
   “The Demographic Challenge of the Interconnected Education and Pension System in the Czech Republic.” CERGE-EI WP 326 (2007).
9. “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.
10. “Indeterminacy, Sunspots, and Development Traps.” *Journal of Economic Dynamics and Control*, 2005, **29**(1-2), pp. 159-185. : 0.807 IF (5Y): 1.21 AIS: 0.954.
    Other versions/titles:
    “Welfare Implications of Sunspot Fluctuations.” CERGE-EI WP 204 (2002).
11. “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. IF: 4.746 IF (5Y): 5.021 AIS: 1.701.
12. “On impossibility of limit cycles in certain two-dimensional continuous-time growth models.” *Studies in Nonlinear Dynamics and Econometrics*, 2001, 5(1), 33-40. IF: 0.511 IF (5Y): 0.939 AIS: 0.596.
13. “The Electron and Lattice Properties of Superconducting Ceramics YBCO-Cl.” With Amitin E.B. *et al. Physica C* **209**, 407-14 (1993).
14. “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

15. “Duopoly Competition, Escape Dynamics, and Non-cooperative Collusion.” Under Revision. With B. Janjgava.
    Other versions/titles:
    “Duopoly Competition, Escape Dynamics, and Non-cooperative Collusion.” With B. Janjgava. CERGE-EI WP 445 (2011)
16. *Mathematics for Economists Made Simple*. (2010) By V.V. Vinogradov. Karolinum Press. Editor.
17. “(The Evolution of) Post-Secondary Education: A Computational Model and Experiments.” With A. Ortmann. CERGE-EI WP 355 (2008).
18. “One Sector Models, Indeterminacy, and Productive Public Spending.” CERGE-EI WP 293 (2006).
19. “(The Evolution of) Post-Secondary Education: A Computational Model and Experiments.” With A. Ortmann and S. Nordberg. CERGE-EI WP 208 (2003).
20. “Sunspot Fluctuations: A Way Out of the Development Trap?” CERGE-EI WP 175 (2001).

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: Research Economist, Institut National de la Statistique et des Etudes Economiques, Luxembourg.
3. Jan Bruha, 2013. Current position: Research Economist, Czech National Bank, Prague, Czech Republic.

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.

REFERENCES

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Andreas Ortmann, Professor, University of New South Wales, Sydney, Australia
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Raf Wouters, National Bank of Belgium and Université Catholique de Louvain, Belgium
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Volker Wieland, Professor, IMFS, Goethe University Frankfurt, Germany
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