

Personal information

Birth on: 10 December 1987, Ulyanovsk, Russia

Status: Married, two children (3 years old, 1 year old)

E-mail: tkachenko.av.87@gmail.com, tkachenko_av@hse.ru

Webpage: www.hse.ru/en/org/persons/25926947

Phone & Skype: (+7) 903 187 90 48, av_tkachenko



Education & Degree

12/2013: PhD (Candidate of Sciences) in mathematics, Lomonosov Moscow State University, Thesis: "Multichannel queueing systems with heterogeneous servers";

10/2010 - 10/2013: PhD program in mathematics, Lomonosov Moscow State University, Mechanics and Mathematics Faculty, Theory of Probabilities Department;

09/2010 - 06/2012: Master in Economics, National Research University Higher School of Economics, Faculty of Economic Sciences, Programme "Mathematical Analysis in Economics", main field: econometrics;

09/2005 - 06/2010: Specialist of mathematics (5-year Graduate programme), Lomonosov Moscow State University, Mechanics and Mathematics Faculty, Department of Theory of Probabilities (Graduated with Distinction), main fields: non-life insurance, operations research.

Current Positions

02/2013 - present: Research Fellow, Institute for Industrial and Market Studies, National Research University Higher School of Economics (NRU HSE), Moscow;

09/2012 - present: Senior Lecturer, Department of Applied Economics, NRU HSE; Subjects: "Theory of Probabilities & Statistics" (ICEF bachelor programme), "Advanced Econometrics" (master programme). Best Teacher 2014, 2016;

Research Interests & current projects

Econometric Analysis, Public Procurement Effectiveness, Firms & Public Contracts

02/2013 - present: "Efficiency of public procurements in Russia: incentives and barriers";

02/2015 - present: "Barriers and drivers of structural changes in Russian manufacturing as a component of new model of economic growth";

02/2016 - present: "Business climate in Russia and opportunities for economic growth: comparative regional level analysis";

Previous research projects

08/2016 (4 weeks): *Bank of Finland Institute for Economies in Transition (BOFIT)*: "Does Public Procurement Improve Firms Performance: case of Russian manufacturing enterprises";

11/2015 (2 weeks): *Leibniz Institute of Agricultural Development in Transition Economies (IAMO)*: "Federal and regional subsidies for agriculture in Russia";

02/2015 - 08/2015: *Russian subsidiary of Johnson & Johnson*: "Price analysis of public contracts in Russian medical sector";

08/2014 - 01/2015: *National Public Procurement Report of Higher School of Economics*: "Estimation of public customers costs under new procurement regulation";

01/2011 - 12/2013: *Russian Fund of Basic Research*: "Stochastic systems with cyclical control process".

Languages and Computer skills

Languages: Russian – native, English – advanced;

Programming: Stata, R, VBA, SQL, Python, C++.

Other activities

since **2005:** Gymnastics (semi-professional). Champion of Moscow among student (2011).

Publications

Published & Accepted

1. Tkachenko A., Yakovlev A., Kuznetsova A., “‘Sweet Deals’: State-owned Enterprises, Corruption and Repeated Contracts in Public Procurement”, *Economic Systems*, March, 2017 (forthcoming).
2. Yakovlev A., Balaeva O., Tkachenko A., “Estimation of Procurement Costs of Regional Public Customers: the Case Study of a Russian Region”, *Journal of Public Procurement*, vol. 18, no. 2, 2018 (forthcoming).
3. Afanasyeva L., Tkachenko A., “On the Convergence Rate for Queueing and Reliability Models Described by Regenerative Processes”, *Journal of Mathematical Science*, vol. 218, no. 2, pp. 119–136, Aug. 2016, doi:10.1007/s10958-016-3015-7.
4. Yakovlev A., Tkachenko A., Demidova O., Balaeva O., “The Impacts of Different Regulatory Regimes on the Effectiveness of Public Procurement,” *International Journal of Public Administration*, vol. 38, no. 11, pp. 796–814, Sep. 2015, doi: 10.1080/01900692.2014.980909
5. Afanasyeva L., Tkachenko A., “Multichannel Queueing Systems with Regenerative Input Flow”, *Theory of Probability and Its Applications*, vol. 58, no. 2, pp. 174–192, Jan. 2014, doi: 10.1137/S0040585X97986485
6. Tkachenko A., “Multichannel Queueing System in a Random Environment”, *Moscow University Mathematics Bulletin*, vol. 69, no. 1, pp. 37–40, Jan. 2014, doi: 10.3103/S0027132214010070
7. Tkachenko A., “One-channel System with Unreliable Server and Different Service Times”, *Moscow University Mathematics Bulletin*, vol. 68, no. 2, pp. 93–97, Mar. 2013, doi: 10.3103/S0027132213020034

Under review

8. Yakovlev A., Tkachenko A., Rodionova Yu., “Organizational Forms and Incentives in Public Procurement: Natural Experiment at Large Public Sector Organization in Russia”, *International Journal of Public Administration*, (1 revision, resubmitted).
9. Tkachenko A., Yakovlev A., “Impact of Regulatory Changes on Public Procurement Performance: Natural Experiment in a Large Russian University”, *Public Money and Management*, (submitted).
10. Afanasyeva L, Tkachenko A., “Stability of Multi-Server Discrete Queueing Systems with Interruptions and Regenerative Input Flow”, *Annals of Operations Research*, (submitted).

Conferences presentations

- 2016** 5th ICSID Conference “Political Economy of Inequality”, NRU HSE, Moscow, Russia;
EACES Workshop “Russian Firms in Comparative Perspective”, NRU HSE, Moscow, Russia;
XVII April International Conference on Economic and Social Development, NRU HSE, Moscow, Russia;
Workshop “Political Economy of Institutions and Governance”, Columbia University, New York, USA;
Second research workshop on public procurement, public-private partnership, social and non-profit enterprise “Public Private Interaction: Design and Deliberation”, NRU HSE, Perm, Russia.
- 2015** Emerging Markets Conference: Business and Government Perspectives, GSOM, Saint-Petersburg, Russia;
XXIX International Conference of Agricultural Economists, University of Milan, Milan, Italy;
XVI April International Conference on Economic and Social Development, NRU HSE, Moscow, Russia;
Russian Summer School on Institutional Analysis (RSSIA 2015), Moscow, Russia.
- 2014** Workshop “Political Economy and Development in Russia”, Columbia University, New York, USA;
XV April International Conference on Economic and Social Development, NRU HSE, Moscow, Russia;
6th International Public Procurement Conference (IPPC), Dublin City University, Ireland;
13th EACES biennial conference, Budapest, Hungary.
- 2013** Workshop “Sustainable Public Procurement: Research Trends and New Challenges”, NRU HSE, Moscow;
International Conference on Applied Research in Economics (iCare), NRU HSE, Perm;
XIV April International Academic Conference on Economic and Social Development, NRU HSE, Moscow.