

Curriculum Vitae

Marina SANDOMIRSKAIA

Born in Tambov, Russia, 30 January 1989

Professional Address: Center for Market Studies and Spatial Economics,
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EDUCATION

PhD in Game Theory, December 2013

St. Petersburg Institute for Economics and Mathematics, Russian Academy of Science

Master's degree in Mathematics, July 2010

Derzhavin Tambov State University, Tambov, Russia

AFFILIATION

Research Fellow,

Center for Market Studies and Spatial Economics, National Research University Higher School of Economics, Moscow (since 2014)

Senior Lecturer,

Faculty of Economic Sciences, National Research University Higher School of Economics, Moscow (since 2015)

Previous:

Researcher, St. Petersburg Institute for Economics and Mathematics, Russian Academy of Science, St. Petersburg (2011 - 2014)

RESEARCH INTERESTS

Game Theory, Bounded Rationality, Industrial Organization, Spatial Economics, Internet Economics, Networks

TEACHING EXPERIENCE

At National Research University Higher School of Economics:

- Game Theory, senior lecturer (2015-2016, 2016-2017, 2018-2019)

PROJECTS IN PROGRESS

1. Analysis of network structure of e-shop competition (*with N. Bazenkov and M. Kuznetsova*)
2. Unifying Local and Global Competition: when Kaldor Meets Chamberlin (*with J.-F. Thisse and P. Ushchev*)

PUBLICATIONS

In preparation:

1. Who compete with whom in the Internet: analysis of price dispersion (with N. Bazenkov and M. Kuznetsova)
2. Price dispersion in the Internet sales: how data from price comparison site contradict the Lab experiments (with N. Bazenkov, E. Glamozdina, and M. Kuznetsova)

Published:

1. Nash-2 Equilibrium: Selective Farsightedness Under Uncertain Response, Group Decision and Negotiation, 28 Is. 2 (2019), 275-304
2. Price dispersion in Internet sales: data from an online marketplace contradict lab experiments, *Working papers by NRU Higher School of Economics. Series EC "Economics"*, No. 219. (2019) (with N. Bazenkov, E. Glamozdina, M. Kuznetsova)
3. Nash-2 equilibrium: selective farsightedness under uncertain response, *Working paper in University Library of Munich. Series "Munich Personal RePEc Archive"*. No. 83152. (2017)
4. Repeated bidding games with incomplete information: on the exponential speed of convergence, *International Game Theory Review*, 1650017, Vol. 19, No 1 (2017)
5. A Model of Tacit Collusion: Nash-2 Equilibrium Concept. in *Recent Advances in Game Theory and Applications*. Springer. (2016), 251-269.
6. Rational decision making under uncertainty of reaction: Nash-2 equilibrium concept, *Working paper WP7/2016/01 Series WP7 "Mathematical methods for decision making in economics, business and politics" NRU Higher School of Economics* (2016)
7. Price-quantity competition of farsighted firms: toughness vs. collusion, *Working papers by NRU Higher School of Economics. Series EC "Economics"*, No. 93. (2015)
8. A model of tacit collusion: Nash-2 equilibrium concept, *Working papers by NRU Higher School of Economics. Series EC "Economics"*, No. 70. (2014)
9. Game-theoretical dynamic insider trading model with non-zero bid-ask spread, *Large-scale Systems Control*, 49 (2014), 207-234 (in Russian)
10. The price of sudden disclosure of inside information on stock market, *Vestnik of St. Petersburg State University, Series 10, Applied Mathematics, Computer Science, Control Processes*, 1 (2014), 120-127 (in Russian)
11. A survey on discrete bidding games with asymmetric information, *Contributions to game theory and management*, 6 (2013), 89-114 (with V. Domansky, V. Kreps)
12. Solutions for one-stage bidding game with incomplete information, *Mathematical Game Theory and its Applications*, 4 (1, 2012), 32-54 (with V. Domansky) (in Russian)

PRESENTATIONS AT CONFERENCES, WORKSHOPS

1. XX April International Academic Conference on Economic and Social Development, April 2019, Moscow, Russia
2. IX Moscow International Conference on Operation Research (Germeyer100), October 2018, Moscow, Russia
3. XXIII Conference on Dynamics, Economic Growth, and International Trade (DEGIT-XXIII), September 2018, Moscow, Russia
4. XIX April International Academic Conference on Economic and Social Development, April 2018, Moscow, Russia
5. The school «Decision making in network context», September 2017, Moscow, Russia
6. Sixth international conference «Industrial organization and spatial economics», June 2017, St. Petersburg, Russia
7. The Oligo Workshop 2017, June 2017, Moscow, Russia
8. XVIII April International Academic Conference on Economic and Social Development, April 2017, Moscow, Russia
9. Third Russian Economic Congress, December 2016, Moscow, Russia
10. VIII Moscow International Conference on Operation Research, October 2016, Moscow, Russia
11. Summer School of Econometric Society, August 2016, Kyoto, Japan
12. International Workshop «Networking games and management», June 2016, Petrozavodsk, Russia
13. Fifth international conference «Industrial organization and spatial economics», June 2016, St. Petersburg, Russia
14. XVII April International Academic Conference on Economic and Social Development, April 2016, Moscow, Russia
15. Fourth international conference «Industrial organization and spatial economics», June 2015, St. Petersburg, Russia
16. ECORES Summer School on Market power (by Marc Melitz, Paul Klemperer, and Ariel Pakes), May 2015, Brussels, Belgium
17. XVI April International Academic Conference on Economic and Social Development, April 2015, Moscow, Russia
18. Third international conference «Industrial organization and spatial economics», August 2014, St. Petersburg, Russia
19. International Workshop «Oligopoly VS Monopolistic Competition: When Strategic Interactions Matter», May 2014, St. Petersburg, Russia
20. VII Moscow International Conference on Operation Research, October 2013, Moscow, Russia
21. Second international conference «Industrial organization and spatial economics», June 2013, St. Petersburg, Russia
22. 10th, 8th, 7th, 6th, 5th International Conferences «Game Theory and Management», June 2016, 2014, 2013, 2012, 2011, St. Petersburg, Russia
23. International Workshop «Networking games and management», June 2013, Petrozavodsk, Russia
24. The 5th Israeli Game Theory conference, June 2013, Tel-Aviv, Israel
25. International Conference «Mathematics, Economic Sciences, and Management: the Centenary of L.V. Kantorovich», February 2012, St. Petersburg, Russia
26. 7th Spain-Italy-Netherlands Meeting on Game Theory, July, 2011, Paris, France
27. The Applied Probability Society Conference, July, 2011, Stockholm, Sweden

AWARDS AND HONORS

2012 – 3-rd prize at the competition in Prof. B.L. Ovsievich memoriam «For the game-theoretical modeling of finance market dynamics in the presence of a big player»

ORGANIZATIONAL EXPERIENCE

Organizing committee in international conferences «Industrial organization and spatial economics» (2015 - 2018)

Student HSE Olympiad in Game Theory (since 2017)

REFERENCES

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CORE, Université Catholique de Louvain
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National Research University Higher School of Economics
skokov7@gmail.com