

ALEXEI SAVVATEEV

CONTACT INFORMATION

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PERSONAL INFORMATION

Born 13.12.1973 in Moscow
Married with two children
Citizenship: Russia

RESEARCH INTERESTS: Game Theory, Mechanism Design, Location Models

LONG-TERM POSITIONS

- **2006/to present:** New Economic School, Moscow: an assistant professor
- **1997/to present:** Central Economics and Mathematics Institute, Moscow: a junior fellow (1997/2003); a senior fellow (2003/to present)
- **2003/to present:** Institute for Theoretic And Experimental Physics, Moscow: a junior fellow
- **2004/2006:** Center for Operations Research and Econometrics, Catholic University of Louvain-La-Neuve, Belgium: a post-doctoral fellow
- **2001/2004:** Teaching Mathematics in school 82, a town of Chernogolovka, Moscow Region (as a volunteer)
- **1990/2000:** Teaching Mathematics in School 57, Moscow (as a volunteer)

EDUCATION

- **26.05.2003: Ph.D. in Economics** from CEMI, Moscow Title: “Models of corruption and lobbying activities in transition economies”. Supervisor: Prof. Victor Polterovich
- **1995-1997: New Economic School, Moscow.** Diploma *summa cum laude*, Don Patinkin Prize
- **1990-1995: Moscow State University. Department for Mathematics and Mechanics.** Diploma *summa cum laude*

PUBLICATIONS IN REFERRED JOURNALS

- Bogomolnaya, A., M. Le Breton, A.V. Savvateev and S. Weber (2006) “Stability of jurisdiction structures under the equal share and median rules”, forthcoming in *Economic Theory*

- Bogomolnaia, A., Le Breton, M., Savvateev, A. and S. Weber (2006) “Stability Under Unanimous Consent, Free mobility and Core”, forthcoming in *International Journal of Game Theory*.
- Bogomolnaia, A., M. Le Breton, A.V. Savvateev, and S. Weber (2005) “The Egalitarian sharing rule in provision of public goods”, *Economic Bulletin*, vol. 8, no.11, pp. 1-5.
- Polishchuk, L.I. and A.V. Savvateev (2004) “Spontaneous (non)emergence of property rights”, *Economics of Transition*, vol. 12, issue 1, pp 103-127.
- Magnus, J.R., Polterovich, V.M., Danilov, D.L., and A.V. Savvateev (2002) “Tolerance of cheating: an analysis across countries”, *Journal of Economic Education*, vol. 33, issue 2, pp. 125-135.
- A.V. Savvateev (2003) “Optimal strategies of suppressing corruption”, *Economics and mathematical tools*, vol. 39, issue 1, pp. 62-75 (in Russian).

BOOKS

- Raigorodskii, A.M., Savvateev A.V. and I.D. Shkredov (2005) “Combinatorics: Lectures for Department of Bioengineering and Biological Informatics of Moscow State University”, The Max-Press, Moscow, 135 pages (in Russian).

WORKING PAPERS (UNPUBLISHED IN REFEREED JOURNALS)

- Bogomolnaia, A., Le Breton, M., Savvateev, A. and S. Weber (2006) “Heterogeneity Gap in Stable Jurisdiction Structures”, CORE Discussion Paper 200636 (25 pages).
- Savvateev, A.V. and O. Stark (2005) “On the evolutionary explanation for the inclination to migrate”, CORE Discussion Paper 200538 (13 pages).
- A.V. Savvateev (2005) “Achieving stability in heterogeneous societies: multi-jurisdictional structures, and redistribution policies”, WP # 04/13E, published by *Economic Education and Research Consortium* (30 pages); full text available at http://www.eerc.ru/details/download.aspx?file_id=3976
- A.V. Savvateev (2002) “Strong equilibrium implementation for a principal with heterogeneous agents”, WP # 00-103E, published by *Economic Education and Research Consortium* (32 pages); full text available at http://www.eerc.ru/details/download.aspx?file_id=3844
- A.V. Savvateev (2000) “The role of externalities in determining the average level of corruption in the production process”, WP # 2K/04E, published by *Economic Education and Research Consortium* (57 pages); full text available at

http://www.eerc.ru/details/download.aspx?file_id=3775

Also, there is a Russian translation of this paper available at

http://www.eerc.ru/details/download.aspx?file_id=3776

- A.V. Savvateev (1998) “Production and rent-seeking behavior”, # BSP/98/001, published by *New Economic School* (40 pages).

CONFERENCE PROCEEDINGS

- Bogomolnaya, A., M. Le Breton, A.V. Savvateev and S. Weber (2005) “Stability of a bi-polar world”. In: *Equilibrium Models of Economics and Power*, Proceedings of Conference and Section of Mathematical Economics of XIII Baikal International Summer School “Optimization Methods and their Applications”, Melentjev Institute of Energy Systems, Irkutsk, pp. 138-142
- Savvateev, A.V. and O. Stark (2005) “On the Evolutionary Explanation for the Inclination to Migrate”. In: *Equilibrium Models of Economics and Power*, Proceedings of Conference and Section of Mathematical Economics of XIII Baikal International Summer School “Optimization Methods and their Applications”, Melentjev Institute of Energy Systems, Irkutsk, pp. 223-227
- Kokovin, S.G. and A.V. Savvateev (2005) “Nonstandard analysis and strategic equilibria”. In: *Equilibrium Models of Economics and Power*, Proceedings of Conference and Section of Mathematical Economics of XIII Baikal International Summer School “Optimization Methods and their Applications”, Melentjev Institute of Energy Systems, Irkutsk, pp. 308-313 (in Russian)
- Savvateev A.V. and D.A. Shvarts (2005) “A new proof to Arrow’s Impossibility Theorem”. In: *Equilibrium Models of Economics and Power*, Proceedings of Conference and Section of Mathematical Economics of XIII Baikal International Summer School “Optimization Methods and their Applications”, Melentjev Institute of Energy Systems, Irkutsk, pp. 330-336 (in Russian)

WORK IN PROGRESS

- A.V. Savvateev (2005) “Coalitionary stable incentive contracts”, mimeo
- Drèze, J., M. Le Breton, A.V. Savvateev and S. Weber (2005) “The cost of stability”, mimeo
- Bogomolnaya, A., M. Le Breton, A.V. Savvateev and S. Weber (2005) “Stability of a bi-polar world”, mimeo
- Kokovin, S.G. and A.V. Savvateev (2005) “Nonstandard analysis and strategic equilibria”, mimeo

LECTURE COURSES

- **NES:** Game Theory (2002,2003,2004); Micro-V (2000)
- **Moscow State University:** Game Theory (2001,2004)
- **Novosibirsk State University:** Game Theory (2003), International Trade (2003)
- **Independent University of Moscow:** Game Theory (2004)
- **Urals State University:** Mathematics for Economists (2000, 2003, 2005), Game Theory (1999, 2002, 2005), Industrial Organization (2005)
- **Higher School of Economics:** Micro-II (graduate level, 1998)

TEACHING ASSISTANCE AND HIGH SCHOOL TEACHING

- **NES:** 1996-2004 (Micro-VI, Public Economics, International Trade, Game Theory, Mathematics for Economists)
- **School No. 82, Chernogolovka, Moscow Region:** 2001-2004 (Advanced Mathematics.) *Teaching Excellence Award* received from the 16th Summer Conference of International Mathematical Tournament of Cities, 2004
- **School No. 57, Moscow:** Advanced Mathematics (1990-2000)

SELECTED PRESENTATIONS (FOREIGN EVENTS)

- EERC-Kiev, February 2006 “The cost of stability” (with J. Drèze, M. Le Breton and S. Weber)
- Tilburg University, March 2006 “Serial sharing of non-convex cost: strong equilibrium implementation under Spence-Mirrlees conditions”
- University Carlos de Madrid, June 2006 “The cost of stability” (with J. Drèze, M. Le Breton and S. Weber)
- Heterogeneity School at CORE, June 2006 “The cost of stability” (with J. Drèze, M. Le Breton and S. Weber)
- X Coalition Theory Network, CNRS Paris-1, Sorbonne, Paris 2005 “Heterogeneity Gap in Stable Group Structures” (with A. Bogomolnaia, M. Le Breton and S. Weber)
- GREMAQ-IDEI Conference, Toulouse, April 2005 “Stability of Jurisdictions under Equal Share and Median Rules” (with A. Bogomolnaia, M. Le Breton and S. Weber)
- CEPET Workshop in Coalition Game Theory, Udine, June 2005 “Stability of Jurisdictions under Equal Share and Median Rules” (with A. Bogomolnaia, M. Le Breton and S. Weber)

- Heterogeneity School at CORE, June 2005 “On the Heterogeneous Size of Stable Jurisdictions” (with A. Bogomolnaia, M. Le Breton and S. Weber)
- Allied Social Science Association and American Economic Association Meeting, Washington, January 2003 “Strong Equilibrium Implementation in Tax Evasion Problems”
- First Annual Transition Workshop, Prague, July 1998 “Production and Rent-Seeking Behavior” (with L.I. Polishchuk)
- A Public Seminar in the Maastricht University, February 2005 “Stability of Jurisdictions under Equal Share and Median Rules” (with A. Bogomolnaia, M. Le Breton and S. Weber)
- ARC Seminar at CORE, April 2005 “Implementation in Strong Equilibrium”
- A Public Seminar in Alicante University, May 2005 “Stability of Jurisdictions under Equal Share and Median Rules” (with A. Bogomolnaia, M. Le Breton and S. Weber)
- Seminar on Location and Geography, CORE, June 2005 “Heterogeneity Gap in Stable Group Structures” (with A. Bogomolnaia, M. Le Breton and S. Weber)

PRESENTATIONS OF JOINT PAPERS GIVEN BY CO-AUTHORS

- University College of London, Autonomia University (Barcelona), University of Bilbao, University of Edinburgh, University of Manchester, Mediterranean University (Marseille), UQAM (Montreal), Southern Methodist University, University of Paris, University of Pennsylvania

SELECTED GRANTS AND AWARDS

- **1994/1995:** Soros Student in Mathematics
- **1996:** A Certificate with distinction from Oslo Summer School in Migration Theory (Instructor — Prof. Oded Stark)
- **1997:** Don Patinkin Prize from New Economic School, Moscow
- **1998/1999, 2000/2002, 2003/2004:** Economic Education and Research Consortium grants No. 98-0631, 00-1031 and 03-055
- **1999/2002, 2002/2005:** School Support grant No. NSh-1939.2003.6
- **2004, 2005:** A stipend from Russian Science Support Foundation in Economics
- **2005:** NWO-RFBR grant No. 047.017.017, within the framework of Dutch-Russian scientific cooperation
- **2006:** A Second Prize “Best young mathematical economists in Russia (below 40)”, from the Fund in honor of Prof. B.L. Ovsievich