

ALEXEI SAVVATEEV

CONTACT INFORMATION

e-mail: hibiny@mail.ru;
savvateev@core.ucl.ac.be
phone: +32 10 473029
web page: www.core.ucl.ac.be/~savvateev

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

- **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

- 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.

- 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.
- 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

- Bogomolnaya, A., M. Le Breton, A.V. Savvateev and S. Weber (2006) “Stability of jurisdiction structures”, CORE Discussion Paper 20067 (22 pages). *Submitted to International Journal of Game Theory*.
- Bogomolnaya, A., M. Le Breton, A.V. Savvateev and S. Weber (2005) “Stability of jurisdiction structures under the equal share and median rules”, CORE Discussion Paper 200532 (24 pages). *Submitted to Journal of Economic Theory*.
- 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”, a *Job Market paper*
- Drèze, J., M. Le Breton, A.V. Savvateev and S. Weber (2005) “Jurisdictions on the plane”, mimeo
- Bogomolnaya, A., M. Le Breton, A.V. Savvateev and S. Weber (2005) “On heterogeneous size of stable jurisdictions”, 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)

CONFERENCE PRESENTATIONS AND INVITED SEMINARS

- 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

- **2005:** University College of London, Autònoma University (Barcelona), University of Bilbao, University of Edinburgh, University of Manchester, Mediterranean University (Marseille), UQAM (Montreal)
- **2004:** 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

REFERENCES

Prof. Jacques Drèze
CORE, Belgium
dreze@core.ucl.ac.be
phone: +32 10 474347

Prof. Hervé Moulin
Chairman
Department of Economics
Rice University, USA
moulin@rice.edu
phone: +713 348 3312 or 3532

Prof. Shlomo Weber
Research Director
CORE, Belgium
weber@core.ucl.ac.be
phone: +32 10 472012