

Alexander Matros

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Professional Experience

2003 – present Assistant Professor, University of Pittsburgh
2001 – 2003 Research Fellow, ESRC Center for Economic Learning and Social
Evolution, Department of Economics, University College London

Short Visits

06/2008, 08/2007, 08/2005 Economics Discipline, School of Economics and
Political Science, University of Sydney
06/2008 School of Economics, University of Adelaide
10/2007 Math & Statistics Department, University of Nevada, Reno
10/2008, 01/2007, 10/2004 Department of Economic Theory, University of Bonn
04-05/2001 ESRC Center for Economic Learning and Social Evolution
Department of Economics, University College London

Education

2001 Ph.D. Economics, Stockholm School of Economics (Sweden)
1998 Ph.D. Mathematics, Moscow State University (Russia)
1997 M.A. Economics, New Economic School, Moscow (Russia)
1992 M.Sc. Mathematics, Moscow State University (Russia)

Research Interests (Evolutionary, Experimental) Game Theory, Lotteries, Contests,
Industrial Organization

Research Grants and Awards

2006-2009 \$5,335.00 - Central Research Development Fund award “Lotteries or Auctions?” from
University of Pittsburgh

2004-2007 \$8,835.00 - Central Research Development Fund award “Lotteries and Their Applications”
from University of Pittsburgh

2001-2003 600,000.00 SEK (\$75,000) Research Grant J 01-54 “Auctions, Internet and Game Theory”
from Jan Wallanders and Tom Hedelius Foundation, Stockholm. (Did NOT use.)

1998-2001 Research Grant from Jan Wallanders and Tom Hedelius Foundation, Stockholm

Publications

Economics:

“Contests with a Stochastic Number of Players.” (Joint with Wooyoung Lim)
Games and Economic Behavior, Volume 67, Issue 2, November 2009, Pages 584-597.

“A Blotto Game with Incomplete Information.” (Joint with Tim Adamo)
Economics Letters, Volume 105, Issue 1, October 2009, Pages 100-102.

“Tullock's Contest with Reimbursements.” (Joint with Daniel Armanios)
Public Choice, Volume 141, Issue 1-2, October 2009, 49-63.

“Optimal Fees in Internet Auctions.” (Joint with Andriy Zapechelnyuk)
Review of Economic Design, Volume 12, Number 3, September 2008, Pages 155–163.

“Long-Run Price Competition.” (Joint with Prajit Dutta and Jörgen Weibull)
RAND Journal of Economics, Volume 38, Issue 2, Summer 2007, Pages 291-313. [Lead Article]

“Rent-seeking with asymmetric valuations: Addition or deletion of a player.”
Public Choice, Volume 129, Issue 3-4, December 2006, 369-380.

“A Note on CEO Compensation, Elimination Tournaments and Bankruptcy Risk.”
(Joint with Guido Friebel) *Economics of Governance*, Volume 6, Issue 2, July 2005, 105-111.

“(All) Equilibria in a Class of Bidding Games.” (Joint with Gian Luigi Albano)
Economics Letters, Volume 87, Issue 1, April 2005, Pages 61-66.

“Stochastic Imitation in Finite Games.” (Joint with Jens Josephson)
Games and Economic Behavior, Volume 49, Issue 2, November 2004, Pages 244-259.

“Clever Agents in Adaptive Learning.”
Journal of Economic Theory, Volume 111, Issue 1, July 2003, Pages 110-124.

“Stochastic Stability and Equilibrium Selection in Games,” Published Doctoral Dissertation,
Stockholm School of Economics, 2001.

Mathematics:

“The asymptotical solution of a boundary problem for a singular perturbed equation of mixed type,”
(in Russian) *Vestnik Moscow State University. Mathematics and Mechanics*, 4, (1997), 3-7.

“The asymptotical solution of a singular perturbed equation of mixed type with variable
coefficients,” (in Russian) *Vestnik Chelyabinsk State University*, 1, (1996), 224-226.

“The asymptotical solution of a singular perturbed equation of mixed type,” (in Russian)
Differential Equations, V. 31(11), (1995), 1933.

Revised/Resubmitted Papers

“Competing Auction Houses.” (Joint with Andriy Zapechelnyuk)
Revised and resubmitted to *RAND Journal of Economics*

“Altruistic Versus Rational Behavior in a Public Good Game.”
Revision requested by *Journal of Economic Dynamics & Control*

Submitted Papers

“Competitive Behavior in Market Games: Evidence and Theory.”
(Joint with John Duffy and Ted Temzelides).

“Raising Revenue With Raffles: Experimental Evidence.”
(Joint with Wooyoung Lim and Theodore Turocy)

“Sad-Loser Contests.”

“Lotteries with Financially Constrained Buyers.”

“Optimal Mechanisms for an Auction Mediator.” (Joint with Andriy Zapechelnyuk)

Work in Progress

(See my web page <http://www.econ.pitt.edu/facpage.php?uid=25>)

“Chinese Auctions.”

“Elimination Tournaments where Players Have Fixed Resources.”

“Treasure game.” (Joint with Vladimir Smirnov).

“Tournaments with side payments.” (Joint with Mehmet Ali Soytaş).

“All-Pay Auctions vs. Lotteries as Fundraising Mechanisms.” (Joint with John Duffy).

“Economic Incentives of the Olympic Games.” (Joint with Soiliou Namoro).

“Contest Architecture with Performance Revelation.” (Joint with Ernest K. Lai).

“Location, Information and Coordination.” (Joint with Virginie Masson).

“Simple Rules and Evolutionary Selection.”

Teaching Experience

Graduate:	Mathematical Methods of Economic Analysis (Fall 2008, Fall 2009) Introduction to Mathematical Methods (Summer 2008, Summer 2009) Lotteries and Their Applications (Fall 2007) Contests, Tournaments, and Their Applications (Spring 2007) Intro to Game Theory 2 (Spring 2007) Topics in Microeconomics (Spring 2004, Fall 2005) Research Seminar (Fall 2004, Fall 2008)
Undergraduate:	Intro Game Theory (Spring 2005, Spring 2006, Fall 2006, Spring 2008, Fall 2009) Intermediate Microeconomics (Fall 2003)
2001-2002	TA: Game Theory, University College London (UK)
1999-2001	TA: Mathematics, Stockholm School of Economics (Sweden)
1993-1995	TA: Mathematics, Department of Mathematics, Moscow State University (Russia)

Thesis Supervision

Year	Student	Role	1-st Position
2005	Zhiyong Tu	Reader	Private Sector, China
2006	Xin He	Reader	Central University, Beijing, China
2006	Virginie Masson	Supervisor	University of Adelaide, Australia
2007	Yong Sui	Reader	Shanghai Jiao Tong University, China
2009	Wooyoung Lim		5-th year student
2009	Tim Hister		4-th year student

Independent Studies with Graduate Students

Yong Sui (Summer 2004), Helen Lafferty (Summer 2004), Virginie Masson (Fall 2004, Spring 2005, Summer 2005, Fall 2005, Spring 2006), Ernest Kong-Wah Lai (Spring 2006).

Professional Activities

Referee: *American Economic Review; Econometrica; Journal of Political Economy; Journal of Economic Theory; Games and Economic Behavior; European Economic Review; Journal of Law, Economics, & Organization; Economic Journal; Economic Theory; Journal of Economic Behavior & Organization; Public Choice; Bulletin of Economic Research; International Game Theory Review; International Journal of Game Theory; International Journal of Economic Theory; Journal of Evolutionary Economics*

Member: *American Economics Association; European Economics Association; Econometric Society; Game Theory Society*

Department Service

A member of Micro Junior Recruiting Committee, 2004, 2007
Chair of Micro Junior Recruiting Committee, 2005, 2006
A member of the Undergraduate Committee, 2007, 2008

Seminars

- 2009: Florida State University; Higher School of Economics, Moscow (Russia);
New Economic School, Moscow (Russia) ; University of Nevada, Reno
(USA).
- 2008: Higher School of Economics, Moscow (Russia); University of Sydney (Australia);
University of Auckland (New Zealand); University of Adelaide (Australia); University
of California, Davis (USA); University of Nevada, Reno (USA).
- 2007: Higher School of Economics, Moscow (Russia); CEFIR/NES, Moscow (Russia);
Math & Statistics Dept. Colloquium, University of Nevada, Reno (USA);
University of New South Wales (Australia); University of Adelaide (Australia);
University of Bonn (Germany).
- 2006: Industrial Engineering Department, University of Pittsburgh (USA);
Math & Statistics Dept. Colloquium, University of Nevada, Reno (USA);
CEFIR/NES, Moscow (Russia).
- 2005: Australian National University (Australia); University of New South Wales (Australia);
University of Melbourne (Australia); University of Sydney (Australia).
- 2004: Pennsylvania State University (USA); Indiana University (USA);
University of Bonn (Germany); Virginia Tech (USA).
- 2003: University of Pittsburgh (USA); University College London (UK); University
of Illinois at Urbana-Champaign (USA); McGill University (Canada);
Texas A&M University (USA).
- 2002: University of Exeter (UK); University College London (UK).
- 2001: New Economic School, Moscow (Russia); University College London (UK); University
of Essex (UK); Royal Holloway, University of London (UK);
University of North Carolina at Chapel Hill (USA).
- 2000: New Economic School, Moscow (Russia).

Conference Presentations

2009: 20-th International Conference on Game Theory, Stony Brook, NY (USA); Workshop on Behavioral Game Theory, Stony Brook, NY (USA).

2008: Tournaments, Contests and Relative Performance Evaluation, North Carolina State University College of Management, (USA); Third World Congress of the Game Theory Society, Chicago (USA).

2007: Workshop on “Contests and Tournaments,” hosted and organized by the Social Science Research Center Berlin (WZB, Germany); 18-th International Conference on Game Theory, Stony Brook, NY (USA).

2006: 17-th International Conference on Game Theory, Stony Brook, NY (USA); 2006 Canadian Economic Theory Conference, Toronto, (Canada).

2005: 16-th International Conference on Game Theory, Stony Brook, NY (USA).

2004: 15-th International Conference on Game Theory, Stony Brook, NY (USA); Workshop on Mechanism Design with Budget Constraints, Stony Brook, NY (USA); Second World Congress of the Game Theory Society, Marseille (France); Annual Meeting of the Society for Economic Dynamics, Villa La Pietra, Florence (Italy); North American Summer Meeting of the Econometric Society, Brown University (USA).

2003: VIII-th Spring Meeting of Young Economists, Leuven (Belgium).

2002: The State of Economics and of Transition: Honoring 10 years of the New Economic School, Moscow (Russia); 17-th Annual Congress of the European Economic Association, Venice (Italy).

2001: The First Annual International Conference, Russia 2015: A Long Term Strategy, Moscow (Russia).

2000: Evolutionary Game Theory Conference, Odense (Denmark); 11-th International Conference on Game Theory, Stony Brook, NY (USA).

1999: 10-th International Conference on Game Theory, Stony Brook, NY (USA).

Citizenship Russian Federation (Green Card)

Chess International Master, ELO 2450

References

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