

## Arthur Dolgoplov

Mailing address:

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### RESEARCH FIELDS:

- Experimental economics
- Revealed preferences
- Algorithmic game theory and multi-agent systems

### EDUCATION:

PhD Economics, George Mason University - current

M.S. Economics, Moscow State University, department of economics, political economy.  
2009-2011

B.S. Economics, Moscow State University, department of economics, political economy. 2005-2009

### TEACHING:

Instructor for Economic Problems and Public Policies (undergraduate course).

Teaching Assistant for Experimental Economics II (Game theory), Math Economics II (Price theory), George Mason University (current). Instructor: Cesar Martinelli.

Teaching Assistant for Intermediate Macroeconomics, Moscow State University. Instructor: Nina A. Miklashevskaya.

### WORK IN PROGRESS:

Revealed Social Preferences (with Mikhail Freer)

Bayesian Nash Revealed (with Mikhail Freer and Marco Castillo)

Revealed Automata

Winner Determination in Combinatorial Auctions with Public and Private Goods and OR\* Preferences (with Daniel Houser and Weiwei Zheng)

Equitable Sequencing and Allocation Under Uncertainty

On Welfare Losses in Constrained School Choice (with Mikhail Freer)

### “INDUSTRY” AND OTHER SERVICE:

04.2011 – 05.2014: «**Economic Expert Group**»,

**Expert on structural reforms**

Developed software macroeconomic and budget forecasting tools (Eviews scripting), oil prices random walk budgeting model. Presented research for APEC on behalf of Ministry of Finance.

### SOFTWARE:

**Statistical/Mathematical packages:** Octave/Matlab, Eviews, Stata, Ampl, Wolfram Mathematica, R. **Experiment designs:** otree, ztree. **General programming:** C++, C#, VB, Ruby, Python. **Applied software:** 1C, MQL4 scripting for trading systems; Frameworks for scraping, machine-learning, neural-networks and Ai.