

Oleg V. Baranov

Department of Economics
University of Colorado at Boulder
256 UCB
Boulder, CO 80309

Tel: (303) 492-7869
Fax: (303) 492-8960
oleg.baranov@colorado.edu
<http://www.obaranov.com>

EMPLOYMENT

Assistant Professor, Department of Economics, University of Colorado at Boulder
(2011 – current)
Research Affiliate, Power Auctions LLC (2008 – current)

EDUCATION

Ph.D., Economics, University of Maryland (2011).
Dissertation: *Essays on Package Auctions*.
Committee: Lawrence Ausubel (chair), Peter Cramton, John Rust
M.A., Economics, New Economic School, Moscow (2006).
B.S., Applied Mathematics and Computer Science, Moscow State University,
Moscow, 2003

FIELDS OF INTEREST

Auction Theory, Market Design, Game Theory, Microeconomics, Computational
Economics

JOURNAL PUBLICATIONS

- “An Efficient Ascending Auction for Private Valuations,” *Journal of Economic Theory*, 177: 495-517, 2018
- “A Practical Guide to the Combinatorial Clock Auction,” (with Lawrence Ausubel), *The Economic Journal*, 127(605): F334-F350, 2017
- “Efficient Procurement Auctions with Increasing Returns,” (with Christina Aperjis, Lawrence Ausubel and Thayer Morrill), *AEJ: Microeconomics*, 9(3): 1-27, 2017
- “Market Design and the Evolution of the Combinatorial Clock Auction,” (with Lawrence Ausubel), *American Economic Review (Papers & Proceedings)*, 104(5): 446-451, May 2014

WORKING PAPERS

- “Revealed Preference and Activity Rules in Dynamic Auctions,” (with Lawrence Ausubel), *under review*, August 2018

“Core-Selecting Auctions with Incomplete Information,” (with Lawrence Ausubel),
under review, July 2018

“Market Design and the FCC Incentive Auction,” (with Christina Aperjis and
Lawrence Ausubel), January 2018

“Iterative Vickrey Pricing in Dynamic Auctions,” (with Lawrence Ausubel),
December 2017

WORK IN PROGRESS

“Exposure vs. Free-Riding in Auctions with Incomplete Information,” November
2013 (inactive)

PATENTS

“System and Method for Enhanced Clock Auctions and
Combinatorial Clock Auctions,” (with Lawrence Ausubel), *application
pending* (filed on March 2013)

INVITED WORKSHOPS / CONFERENCE PRESENTATIONS

INFORMS Annual Meeting, “An Efficient Ascending Auction for Private
Valuations,” October 2017

NBER Market Design Workshop, “Market Design and the FCC Incentive
Auction”, October 2017

2017 Conference on Economic Design (CED), “Efficient Dynamic Auction for
Private Valuations,” June 2017

INFORMS Annual Meeting, “Efficient Dynamic Auctions for U-shaped Returns,”
November 2016

NBER Market Design Workshop, “Efficient Procurement Auctions with Increasing
Returns”, October 2016

Auctions and Market Design Workshop, “Vickrey-based Pricing in Iterative First-
Price Auctions,” University of Vienna, August 2016

GAMES 2016, “Vickrey-based Pricing in Iterative First-Price Auctions,” July 2016

INFORMS Annual Meeting, “Vickrey-based Pricing in Iterative First-Price
Auctions,” November 2015

International Conference on Operations Research, “Vickrey-based Pricing in
Iterative First-Price Auctions,” September 2015

Lessons Learned Workshop on Canada’s 700 MHz Spectrum Auction,
“Enhancements for Dynamic Auctions”, November 2014

INFORMS Annual Meeting, “Revealed Preference and Activity Rules in
Auctions,” November 2014

International Conference on Operations Research, “A Practical Guide to the
Combinatorial Clock Auction,” September 2014

INFORMS Annual Meeting, “The Combinatorial Clock Auction, Revealed

Preference and Iterative Pricing,” October 2013
Combinatorial Auctions for Spectrum: State of the Art – Ofcom/LSE Workshop,
“Comparison of Combinatorial Clock and Other Auction Designs,” September
2013
INFORMS Annual Meeting, “Core-Selecting Auctions with Incomplete
Information,” October 2012
NBER Market Design Workshop, “Core-Selecting Auctions with Incomplete
Information,” October 2010

FELLOWSHIPS AND AWARDS

Graduate Assistantship, University of Maryland, 2007 - 2011
Fellowship, University of Maryland, 2006 - 2007
Fellowship, New Economic School, Moscow, 2005 - 2006
Fellowship, Moscow State University, Moscow, 2000 – 2005

TEACHING EXPERIENCE

University of Colorado at Boulder

Graduate:

Microeconomic Theory, Advanced Economic Theory

Undergraduate:

Introduction to Econometrics, Market Design

DEPARTMENTAL SERVICE

Undergraduate Curriculum Committee, 2011-2013, 2015 - present
Computing Resources Committee, 2011 – 2015
Graduate Admissions and Assistance Committee, 2011 - present

PROFESSIONAL SERVICE

Referee: Games and Economic Behavior, Theoretical Economics, Review of
Economic Design, International Journal of Game Theory, Strategic Behavior and
the Environment, Econometrica, International Journal of Industrial Organization,
The RAND Journal of Economics, Journal of Economic Theory, Journal of the
European Economic Association, Journal of Economic Behavior and Organization,
Management Science

Reviewer: Social Sciences and Humanities Research Council of Canada

Program Committee: ACM EC’18 (Conference on Economics and Computation)

PROFESSIONAL AFFILIATIONS

American Economic Association
INFORMS