

## Oleg V. Baranov

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### 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*, forthcoming

“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

“Core-Selecting Auctions with Incomplete Information,” (with Lawrence Ausubel),  
*under review at International Journal of Game Theory*, July 2018

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

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

## **WORK IN PROGRESS**

“Revealed Preference and Activity Rules in Auctions,” (with Lawrence Ausubel)

“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