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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

“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

ACCEPTED PAPERS

“A Practical Guide to the Combinatorial Clock Auction,” (with Lawrence Ausubel),
The Economic Journal

WORKING PAPERS

“Market Design and the FCC Incentive Auction,” (with Christina Aperjis and
Lawrence Ausubel), August 2017
“Dynamic Vickrey Pricing in Spectrum Auctions,” (with Lawrence Ausubel),
August 2016
“Revealed Preference and Activity Rules in Auctions,” (with Lawrence Ausubel),

- October 2015
“Efficient Dynamic Auctions for Private Valuations,” (work in progress)
“Core-Selecting Auctions with Incomplete Information,” (with Lawrence Ausubel),
December 2013
“Exposure vs. Free-Riding in Auctions with Incomplete Information,” November
2013

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

- 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

Reviewer: Social Sciences and Humanities Research Council of Canada

PROFESSIONAL AFFILIATIONS

American Economic Association

INFORMS