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Department of Economics
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Academic appointments

Aug 2015 – Assistant Professor of Economics, University of Warwick
Jan – Mar 2018 Visiting Associate in Economics, California Institute of Technology (Caltech)

Education

Jun 2015 Ph.D. in Social Science, Caltech
Dissertation title: *Essays on Correlated Equilibrium and Voter Turnout*
Committee: Thomas R. Palfrey (Chair), Federico Echenique, John O. Ledyard, and Kim C. Border

Jun 2012 M.S. in Social Science, Caltech

Jun 2009 M.Sc. in Applied Mathematics and Informatics *with honors*,
National Research University – Higher School of Economics (HSE), Moscow, Russia

Jun 2007 B.Sc. in Applied Mathematics and Informatics *with honors*,
R. Y. Alekseev State Technical University of Nizhny Novgorod, Russia

Books

“Tax Progression in OECD Countries: an Integrative Analysis of Tax Schedules and Income Distributions”, w/Christian Seidl & Stefan Traub, Springer-Verlag: Heidelberg, 2013. DOI: [10.1007/978-3-642-28317-8](https://doi.org/10.1007/978-3-642-28317-8)

Refereed articles

“Correlated Equilibria in Voter Turnout Games”. Provisionally accepted, *Games and Economic Behavior*.

“Testing the Quantal Response Hypothesis”, w/Emerson Melo & Matthew Shum. Forthcoming, *International Economic Review*.

“Communication Among Voters Benefits the Majority Party”, w/Thomas R. Palfrey. Forthcoming, *Economic Journal*.

“Call Market Experiments: Efficiency and Price Discovery Through Multiple Calls and Emergent Newton Adjustments”, w/Charles R. Plott. *American Economic Journal: Microeconomics*, 2017, 9(4): 1–41.

“Actual voting power of the IMF members based on their political-economic integration”, w/Fuad Aleskerov & Valery Kalyagin, *Mathematical and Computer Modelling*, 2008, 48: 1554–1569.

Current working papers

“News We Like to Share: How News Sharing on Social Networks Influences Voting Outcomes”, w/Matthew Shum

“Skewness, Tax Progression, and Demand for Redistribution: Evidence from the UK”, w/Stefan Traub

Work in progress

- “Correlated Quantal Response Equilibrium”, w/Thomas R. Palfrey
- “A Theory of Electoral Fraud and Voter Turnout”, w/Kota Saito & Euncheol Shin
- “Strategic Communication and Information Neglect”, w/Dimitri Migrow
- “Differentiated Durable Goods and Competition”, w/Francesco Nava & Pasquale Schiraldi

Refereed articles in Russian

- “Methods for measuring voting power: a survey”, *Control sciences*, 2011, 5: 2–13
- “Cost efficiency and shareholder voting power in Russian banking”, w/Fuad Aleskerov, Veronika Belousova, Irina Ivashkovskaya, Anastasia Stepanova, *Upravlenie v kreditnoi organizatsii*, 2010, 2(54): 49–64 and 3(55): 30–38
- “Voting power with preferences: an experimental investigation”, w/Fuad Aleskerov & Alexis Belianin, *Psychology. The Journal of the Higher School of Economics*, 2009, 6(2): 97–124
- “Power distribution analysis in the International Monetary Fund”, w/Fuad Aleskerov & Valery Kalyagin, *Avtomatika i Telemechanika*, 2008, 11: 140–148

Teaching

- Warwick G: Ec941 Game theory; UG: Ec228 Collective decisions
- Caltech UG: Ec11 Introduction to economics; Ps12 Introduction to political science; Ps/Ss139 Comparative politics
- HSE G: Systems theory and analysis; UG: Differential and difference equations; Mathematical modeling in management; Discrete mathematical models; Optimization and decision making theory
- Lobachevsky G: Computer architecture; Operating systems

Grants and awards

- 2014 The Gordon and Betty Moore Foundation
- 2010 – 2015 Graduate Fellowship, California Institute of Technology
- 2010 Grant from the Opportunity Program, the U.S. Department of State
- 2010 Deutscher Akademischer Austausch Dienst (DAAD) Forschungskurzstipendium
- 2008, 2009 Increased Academic Scholarship for substantial scientific achievements, HSE

Recent talks

- 2018/19: U Rochester (Wallis, scheduled)
- 2017/18: Aix-Marseille, Stanford GSB, Caltech, GMU (ICES), USC
- 2016/17: QMUL, WBS, NYU, Warwick (CAGE), Florida State U, Oxford (CESS Nuffield)
- 2015/16: WBS, Carlos III Madrid, LSE, HSU Hamburg
- 2014/15: Princeton, Texas A&M, UCSD, U Penn, NRU-HSE, Warwick, Maastricht, U Melbourne, UNSW, UTS

Recent conference presentations

Behavioral Public Economics Workshop, U Vienna (2018), *Essex Experimental Economics Workshop* (2018), *Econometric Society European Meeting, Cologne* (2018), *Nottingham Centre for Economic and Political Research* (2018), *Political Economy Workshop, Erasmus U Rotterdam* (2018), *Economics of Media and Communications, U Chicago* (2018), *9th Thurgau Experimental Economics Meeting, Kreuzlingen* (2018), *Lancaster Game Theory Conference* (2017), *15th Annual Media Economics Workshop, Barcelona* (2017), “*Political Economy: Theory meets Empirics*”, *U Konstanz* (2017), *North American Meeting of the Economic Science Association* (2016), *Game Theory Society World Congress* (2016), *Econometric Society World Congress*

(2015), *American Political Science Association* (2014), *Econometric Society North American Summer Meeting* (2014), *Society for Social Choice and Welfare* (2014, 2010, 2008), *Midwest Political Science Association* (2014), *UCSB Conference on Experimental and Behavioral Economics* (2014)

Academic involvement

Reviewer: *American Journal of Political Science*, *American Political Science Review*, *Econometrica*, *Economic Journal*, *Economic Theory*, *European Economic Review*, *Games and Economic Behavior*, *Journal of Mathematical Economics*, *Journal of Politics*, *Journal of Public Economics*, *B.E. Journal of Theoretical Economics*, *Review of International Organizations*, *Social Choice and Welfare*, *Theory and Decision*

Local Organizer: 2019 Annual Conference of the Royal Economic Society

Program Committee: 2018 Annual Congress of the European Economic Association

Co-organizer: Warwick Political Economy Seminar, 2016 –

Warwick Junior Hiring Committee, 2016/17

Languages

English (fluent), Russian (native), Spanish (beginner)

References

Thomas R. Palfrey

Flintridge Foundation Professor of Economics & Political Science
Caltech, Pasadena CA 91125
trp@hss.caltech.edu

Charles R. Plott

William D. Hacker Professor of Economics & Political Science
Caltech, Pasadena CA 91125
cplott@hss.caltech.edu

Federico Echenique

Allen & Lenabelle Davis Professor of Economics
Caltech, Pasadena CA 91125
fede@hss.caltech.edu

John O. Ledyard

Allen & Lenabelle Davis Professor of Economics Emeritus
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