

## Curriculum Vitae (CV)

<b>Name:</b>	Tymofiy Mylovanov
<b>Date of Birth:</b>	15/03/1975
<b>Country of Citizenship/Residence</b>	Ukraine/USA

### Education:

Ph.D. in economics	University of Wisconsin-Madison	2004
M.S. in economics	University of Wisconsin-Madison	2001
M.A. in economics	EERC-Ukraine at Kyiv Mohyla Academy	1999
Diploma in management	Kyiv Polytechnic Institute, Ukraine	1997

### Employment:

<b>Period</b>	<b>Employing organization and your title/position.</b>	<b>Country</b>	<b>Summary of activities performed relevant to the Assignment</b>
Fall 2015 - Present	University of Pittsburgh, Associate Professor (with tenure)	USA	Teaching, service, and research
August 2019 - March 2020	Cabinet of Ministers of Ukraine, Minister for Economic Development, Trade and Agriculture	Ukraine	Land market reform (after 20 years of moratorium on land sales), Privatization reform (960 companies transferred for privatization), Labor market reform

Fall 2016 - August 2019	National Bank of Ukraine, Deputy Chairman, Council	Ukraine	Participation in approving the monetary policy framework, audit results, reports about the Bank financial results, the amount of funds transferred from or to the Ukrainian state budget and other tasks; ic Specific focuses on the monetary policy framework.
Spring 2015 – Fall 2018	Review of Economic Design, Associate editor	USA	Peer-review of publications
Summer 2015 – Present	Kyiv School of Economics, Academic Advisory Board member <i>For references:</i> Yuriy Gorodnichenko, Head of the Academic Board, <a href="mailto:ygorodni@berkeley.edu">ygorodni@berkeley.edu</a>	Ukraine	Supervision of academic standards
Spring 2014 – Present	VoxUkraine.org, Co-founder, editor	Ukraine	Analytical pieces review
Summer 2013 – Summer 2015	University of Pittsburgh, Assistant Professor	USA	Research and lecturing
Fall 2010 – Summer 2013	University of Pittsburgh, Lecturer	USA	Research and lecturing
Fall 2008 - Spring 2011	Penn State University, Assistant Professor	USA	Research and lecturing
Spring 2004 - Summer 2008	University of Bonn, Germany, Post Doc, Junior Professor	Germany	Research and lecturing

**Key areas of expertise:** communications, strategy, incentives, game theory, contract theory, institutional design, macroeconomics, labor markets, and agriculture and land markets

## Publications:

1. Censorship as Optimal Persuasion, with Andriy Zapechelnyuk and Anton Kolotilin, *Theoretical Economics*, forthcoming
2. American Institutional Exceptionalism and the Trump Presidency, with Ilia Murtazashvili and Jennifer Murtazashvili, *The Independent Review: A Journal of Political Economy*, forthcoming
3. Detecting Disruption: Identifying Structural Changes in the Verkhovna Rada, with Thomas Magelenski, Jialin Hou, and Kathleen M. Carley, *SPB-BRiMS 2019: Social, Cultural, and Behavioral Modeling*, 2019, 194-203
4. Persuasion of a Privately Informed Receiver, with Anton Kolotilin, Ming Li, Andriy Zapechelnyuk, *Econometrica*, 85(6), 2017, 1949-1964
5. Will the truth out?—An advisor’s quest to appear competent, *Journal of Mathematical Economics*, 72, 2017, 112-121
6. Optimal allocation with ex-post verification and limited penalties, with Andriy Zapechelnyuk, *American Economic Review*, 107(9), 2017, 2666-2694
7. Informed-principal problem with moral hazard, risk neutrality, and no limited liability, with Christoph Wagner and Thomas Troeger, *Journal of Economic Theory*, 159(A), 2015, 280-289
8. Mechanism design by an informed principal: The quasi-linear private-values case, with Thomas Troeger, *Review of Economics Studies*, 81(4), 2014, 1668-1707 Spring 2017
9. Optimal arbitration, with Andriy Zapechelnyuk, *International Economic Review*, 54(3), 2013, 769-785
10. Decision rules revealing commonly known events, with Andriy Zapechelnyuk, *Economics Letters*, 119(1), 2013, 8-10
11. Informed principal problems in generalized private values environments, with Thomas Troeger, *Theoretical Economics*, 7(3), 2012, 465-88
12. Diverging Opinions, with James Andreoni, *American Economic Journal: Microeconomics*, 4(1), 2012, 209-32
13. Stochastic Mechanisms in Settings without Monetary Transfers, with Eugen Kovac, *Journal of Economic Theory*, 144(4), 2009, 1373-1395
14. Optimal auction with resale - a characterization of the conditions, with Thomas Troeger, *Economic Theory*, 40(3), 2009, 509-528
15. Task Scheduling and Moral Hazard, with Patrick Schmitz, *Economic Theory*, 37, 2008, 307-320
16. Veto-Based Delegation, *Journal of Economic Theory*, 138, 2008, 297-307

## Semi-refereed Publications

17. From ‘The Ukraine’ to Ukraine: The History of Contemporary Ukraine, chapter, in a book by Wilson Center, forthcoming
18. The future of CIS and CEE countries with contributions by Helena Schweiger, Igor Livshits, Bas B. Bakker and Tymofiy Mylovanov, *Economics of Transition*, 2018
19. Review of the EU Policy for Ukraine, with Yuriy Gorodnichenko and Yuri Zhukov, in “EU Global Strategy and Human Security,” edited by Mary Kaldor, Iavor Rangelov, and Sabine Selchow, 2018, Routledge, Taylor and Francis Group

### Working papers

20. Ostrom Amongst the Machines: Blockchain as a Knowledge Commons, with Herminio Bodon, Pedro Bustamante, Marcela Gomez, Prashbant Krishnamurthy, Michael J. Madison, Ilia Murtazashvili, Jennifer Brick Murtazashvili, Martin B. H. Weiss, 2021
21. Is Blockchain the Next Step in the Evolution Chain of [Market] Intermediaries, with Marcela Gomze, Pedro Bustamante, Martin B. H. Weiss, Ilia Murtazashvili, Michael J. Madison, Wilson Law, Herminio Bodon, Pedro Bustamante, 2021
22. Can International Organizations Improve the Quality of Governance? Evidence from Ukraine, with Ilia Murtazashvili, Jennifer Murtazashvili, Natalia Shapoval, Olena Bilan, and Tetyana Tyshechuk
23. Informed Principal Problems, with Thomas Troger
24. Elections without Empty Promises: Mechanism Design Approach, with Andriy Zapechelnyuk
25. The cost of hidden agency, with David Huffman and David Danz
26. Partial censorship, with Konstantin Sonin
27. Interim Persuasion, with Navin Kartik, Anton Kolotilin, Thomas Troger
28. Identifying Factions in the Ukrainian Parliament: Comparing Two Methods, with Jialin Hou
29. Signaling by Delaying Reforms, with Richard van Weelden and Konstantin Sonin A Model of Internal Corruption, with Scott Gehlbach

### Policy papers

30. White Book on Reforms, with Elena Besedina, Vadym Bizyaev, Yuriy Gorodnichenko, Oleksiy Gribovskyi, Pavlo Iavorskyi, Olga Nikolaeva, Natalia Shapoval, Ilona Sologoub, Inna Sovsun, and Oleksa Stepaniuk (September 2017)
31. This is a collection of papers that I have also used as a textbook for the writing course on the economic policy taught in Spring 2018
32. Optimal Auction Formats for Selling Distressed Assets in Ukraine, with Natalia Shapoval, Rakesh Vohra, David Huffman, and Oleksiy Sobolev (May 2017)
33. The auction format proposed in this paper has been implemented by the Ukrainian government to resolve assets of insolvent banks and privatize small state owned enterprises.
34. Not So Quiet on the Easter Front: An Audit of the Minsk Agreements and Ukraine's Reintegration Options, with Leonid Litra, Ilona Sologoub, Vitaliy Syzov, Mykola Zamikula, Kateryna Zarembo, Oleksandr Zholud, and Maria Zolkina.(October 2016)
35. Review of EU Policy for Ukraine, with Yuriy Zhukov and Yuriy Gorodnichenko, in The Berlin Report of the Human Security Study Group, "From Hybrid Peace to Human Security: Rethinking EU Strategy towards Conflict" (Winter 2016)

### GRANTS

Co-Principal Investigator, "Near Real Time Assessment of Emergent Complex Systems of Confederates " Office of Naval Research, September 1, 2017 through August 31, 2021, the amount of \$242,317, total direct costs of \$272,678 and total indirect costs of \$127,800

Principal Investigator, "Mechanism Design by an Informed Principal" National Science Foundation, September 1, 2009 through August 31, 2012, the amount of \$242,317, total direct costs of \$163,728 and total indirect costs of \$78,589

### AWARDS and RECOGNITION

2017 Best teaching award, Kyiv School of Economics

2016 National Award in Ukraine "Leadership in Non-profit sector"  
Top 8 Ukrainian International Economist, Forbes Ukraine, Summer 2015  
Top 2 Ukrainian International Economist, Forbes Ukraine, Summer 2014  
Undergraduate Teaching Award: Penn State University, Spring 2010, Economics of Corporation

## **SUPERVISION**

Ph.D committee member for Alexei Kushnir (2010, Carnegie Mellon University), Byung-Soo Lee (2010, University of Toronto), Jun Xiao (2012, University of Melbourne), Frank Erickson (2014), Yiming Liu (2019), Jialin Hu

## **TEACHING ACTIVITIES**

### *Undergraduate:*

2018-2021: Capstone writing courses in economic policy, Honors course in Innovation Economics  
Spring 2017, Game Theory, enrollment 40-50  
Spring 2014, 2015, 2016, Principles of Game Theory, enrollment 80-90  
Fall 2011 and Fall 2012, Intermediate Microeconomics, University of Pennsylvania, enrollment 120-150  
Fall 2011 and Fall 2012, Game Theory, University of Pennsylvania, enrollment 40  
Fall 2010, Mathematics for Economists, University of Pennsylvania, enrollment 15-20  
Fall 2008 and Spring 2010, Economics of corporation, Penn State University, enrollment 80-100  
Spring 2014, Summer 2015, Spring 2016, Spring 2017, Independent Studies, 1 student

### *Graduate:*

2019: Mathcamp  
Spring 2014, 2015, 2016, 2017 Advanced Microeconomic Theory  
Fall 2017, Political Economy of Central Banking  
Fall 2017, Theory of Regulation  
Fall 2010, Game Theory, University of Pennsylvania  
Fall 2008 and Spring 2010, Topics in Microeconomic Theory: Dynamic Mechanism Design, Penn State University  
Workshop coorganizer, Economic Theory, 2008-2009, Penn State University

## **INSTITUTIONAL RESPONSIBILITIES**

### *Committees*

Member of the Executive Committee, Department of Economics, University of Pittsburgh  
Member of the Recruitment committee, Department of Economics, University of Pittsburgh

### *Outreach within and outside of the University*

Co-organizer of the study abroad course on Energy Policy in Ukraine at the University of Pittsburgh, location at the Kyiv School of Economics  
Speaker, GlobalPittsburgh meeting for Ukrainian Open world group, May 2, 2016  
Panelist, "Russia's place in the World," World Affairs Council of Pittsburgh, scheduled for November 19, 2014, expected audience 300-400 students and teachers from highschools across Western Pennsylvania  
University Center for the International Studies Lecture "The Game Theory of the Events in Ukraine," October 1, 2014  
Panelist, Global Solutions Pittsburgh, "Crisis in Ukraine," joint with Sean Guillory and Marina Duane, March 20, 2014  
University Center for the International Studies Roundtable talk: Ukraine in Crisis, joint with Phil Williams, Ryan Grauer, and Ronald Linded, March 19, 2014

### **Seminar invitations**

2018-2021: Harvard, Yale, some others universities in Europe, multiple policy presentations (about 50) in different US and European think tanks, international financial organizations, policy conferences, private and public policy maker briefs

2017: University of Texas Austin, Paris School of Economics, University of Wisconsin Madison (schedule), Drexel University (scheduled)

2016: Princeton University, Brown University, Texas A&M, Southern Methodist University, University of Bonn, University of Barcelona Autonomia

2015: Ohio State University, New York University, Cornell University, University of Glasgow

2014: University of Chicago, Yale University, Concordia University, Stanford University, University of California - Berkeley, University of Mannheim, University of Heidelberg, Higher School of Economics, Kyiv School of Economics, University of Bonn

2013: Harvard University, University of Tor Vergata, University of Pennsylvania, University of Glasgow, LUISS in Rome, EIEF in Rome, Max Planck Institute in Bonn, Lehigh University, University of Bielefeld, Bocconi University, Humboldt University in Berlin, University of Pittsburgh

2012: Northwestern University, University of Southern California Marshall Business School, University of Rochester, University of Pittsburgh, University of Pennsylvania, University of Essex, Royal Holloway University, University of Exeter, Queen Mary University, University of Leicester, Tel Aviv University, Hebrew University of Jerusalem, University of Haifa, University of Bonn, Paris School of Economics, Toulouse School of Economics, New Economic School in Moscow, CERGE-EI in Prague

2011: University of Pennsylvania, ITAM in Mexico City, University of Western Ontario, University of Toronto, McMaster University, Duke University, New Economic School in Moscow

2010: Paris School of Economics, University of California at San Diego, University of California at Los Angeles

2009: University of Pennsylvania, Columbia University, University of Bonn, New Economic School, Moscow, Kyiv School of Economics, Society for Economic Dynamics Conference in Maastricht, Midwest Theory Conference at University of Iowa, European Economic Association - European Summer Meetings of the Econometric Society in Barcelona, Latin American Meetings of the Econometric Society in Buenos-Aires

### **Conference talks**

2020: European Econometric Society Meetings

2019: Cowles Summer Meetings, Decentralization conference

2018: American Economic Association, North American Summer Meetings

2017: Pennsylvania Economic Theory Conference, Canadian Economic Theory Conference, Society for Advancement in Economic Theory, BERO research conference

2016: San Francisco American Economic Association: a panel, Pennsylvania Economic Theory Conference, the North America Summer Meetings of the Econometric Society in Philadelphia

2015: Boston American Economic Association meetings: two sessions and a panel, Journal of Comparative Economic Symposium, European Economic Association conference in Mannheim, Econometric Society Congress in Montreal, European Economic Theory Meetings in Gerzensee, London School of Economics at the Global Ideas center, Free School of Economics in Ukraine, Business Wisdom Summit in Ukraine, Kyiv School of Economic public lecture, Council on Foreign Relations in Washington DC, Saint George's House Consultation on Corruption, Protest, and Militancy

2014: Invited speaker at TEDxKyiv and Daniliw Seminar in Ottawa, ASSA meetings in Philadelphia, Canadian Economic Theory Conference in Vancouver, Conference on decentralization at the National Governance Academy of Ukraine, ESSET meetings in Gerzensee, North American Summer Meetings in Minnesota, Nanchang Conference on Economic Theory, Mannheim Conference on Informed Principal, EEA-ESEM in Toulouse, Open Society Foundation roundtable "Decentralization in Ukraine"

2013: Canadian Economic Theory Conference in Montreal, Economic Theory Conference in Montreal, Society for Advancement of Economic Theory Conference in Paris, North American Summer Meetings of the Econometric Society in Los Angeles

2012: Canadian Economic Theory Conference in Toronto, North American Econometric Society Summer Meetings in Evanston, The European Summer Symposium in Economic Theory at Gerzensee, The World Congress of the Game Theory Society in Istanbul, Midwest Economic Theory Meetings in St. Louis, Midwest Economic Theory Conference

### **Refereeing**

Econometrica, American Economic Review, Journal of Political Economy, Review of Economic Studies, Journal of Economic Theory, Theoretical Economics, American Economic Journal: Microeconomics, Games and Economic Behavior, Rand Journal of Economics, International Journal of Game Theory, B.E. Journal of Theoretical Economics, International Journal of Industrial Organization, Journal of Mathematical Economics, Journal of Economics and Management Strategy, Journal of European Economic Association, International Economic Review, Journal of Institutional and Theoretical Economics, Economic Theory, Journal of Money, Credit, and Banking, Journal of Economic and Behavioral Organization, Economic Inquiry, Journal of Economics, European Economic Review, Journal of Law, Economics, and Organization, Journal of Public Economics, Journal of Public Economic Theory, Information Economics and Policy, Review of Economic Design

#### *Granting agencies*

European Research Council, National Science Foundation, National Institute for Health

#### *Policy*

National Council of Reforms under the President of Ukraine Petro Poroshenko (2014)

#### **Academic conferences**

A coorganizer of a conference devoted to the special issue of the Journal of Comparative Economics on Wellbeing, September 14-15, 2017, jointly with Yuriy Gorodnichenko.

American Economic Association Panel on Institutional Development in Ukraine at the Allied Social Science Association meetings in San-Francisco, coorganizer, participant, January 2016

A coorganizer of a conference devoted to the special issue of the Journal of Comparative Economics on Ukraine, April 26-27, 2015, jointly with Yuriy Gorodnichenko.

Association for Comparative Economic Studies Panel on Decentralization and Quality of Institutions at the Allied Social Science Association meetings in Boston, coorganizer, participant, 2015

Session on Persuasion at the Allied Social Science Association meetings in Boston, 2015, organizer

Conference on Informed Principal and Related Topics in Mannheim, coorganizer, 2014

Penn-Penn-State-Pittsburgh Economic Theory Conference, coorganizer, 2014

The Society for Advancement of Economic Theory Conference, session organizer, 2014

The World Congress of the Game Theory Society Program Committee Member, 2012

European Economic Association Meetings Program Committee Member, 2008 and 2009

#### **Leadership in Industrial Innovation and Design**

The auction format proposed in the policy paper "Optimal Auction Formats for Selling Distressed Assets in Ukraine" has been adopted by the government of Ukraine to sell distressed assets of the bankrupt banks.