

## **MICHAL FABINGER**

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### **Work:**

International Trade & Finance, Industrial Organization, E-Learning in Developing Countries,  
Spatial Economics, Deep Learning

### **Employment:**

2013-present University of Tokyo, Assistant Professor of Economics  
2012-2013 Pennsylvania State University, Assistant Professor of Economics  
2005-2008 Society of Fellows, Harvard University, Junior Fellow  
2004-2005 Institute for Advanced Study, Princeton, Member

### **Additional Affiliation:**

2015-present Research Associate, CERGE-EI, Prague, Czech Republic  
2014-2017 Project Member, Research Institute of Economy, Trade & Industry, METI, Japan

### **Education:**

Ph.D., Economics, Harvard University, September 2008 to May 2012  
Thesis: “*Essays on trade and imperfectly competitive markets*”  
Committee: Gita Gopinath (primary advisor), Pol Antràs, Marc Melitz, Glen Weyl  
Ph.D., Physics, Stanford University, September 2000 to January 2004  
Thesis: “*Aspects of time-dependent solutions of string theory*”, Advisor: Eva Silverstein  
M.Sc., Physics, Charles University, Prague, *summa cum laude*, June 2000  
Thesis: “*Current problems in string theory*”, Advisor: Jiří Niederle

### **Teaching Experience:**

From 2017 *Deep Learning and Related Methods for Large Dataset Information Processing* (graduate),  
University of Tokyo  
From 2016 *Data Science for Practical Economic Research* (graduate), University of Tokyo  
From 2014 *Topics in Asset Pricing* (graduate), University of Tokyo  
2013-2016 *International Finance* (graduate), University of Tokyo  
2013-2015 *International Trade* (graduate), University of Tokyo  
Spring 2013 *Open Economy Macroeconomics & International Finance* (graduate), Penn State  
Fall 2012 *Advanced International Trade* (undergraduate), Penn State  
Summer 2001 *Mechanics, Heat, and Electricity*, Stanford, T.A. for Gerald Fisher  
Spring 2001 *Relativity, Quantum Mechanics, Particle Physics*, Stanford, T.A. for Leonard Susskind  
Winter 2001 *Electromagnetism*, Stanford, T.A. for Savas Dimopoulos  
Fall 2000 *Optics and Thermodynamics*, Stanford, T.A. for Douglas Osheroff

### **Grants, Honors, Scholarships, and Fellowships:**

2014-2018	Japan Society for the Promotion of Science Grant
2013-2018	Japan Science and Technology Agency Grant
2011-2012	Dissertation Completion Fellowship, Harvard University
2005-2008	Junior Fellowship, Society of Fellows, Harvard University
2000-2004	Stanford Graduate Fellowship, Stanford University
1996-2000	Merit Scholarship, Charles University, Prague
1995	Bronze Medal, International Physics Olympiad, Canberra
1995	First Place, National Physics Olympiad, Czech Republic
1995	First Place, Fykos Physics Competition, Czech Republic
1994	Bronze Medal for Theory, International Physics Olympiad, Beijing
1994	One of First Prize Recipients, National Physics Olympiad, Czech Republic
1994	One of First Prize Recipients, National Mathematics Olympiad, Czech Republic

### **Graduate Student Advising:**

- Mina Taniguchi (née Sakamoto)– master’s student at the University of Tokyo: master’s thesis advisor  
International Trade; now a PhD student at Ludwig Maximilian University of Munich  
Thesis: *The effect of an increase in imports from China on regional labor markets in Japan*  
Journal of the Japanese and International Economies, <http://ssrn.com/abstract=2531290>
- Olivia Quek – PhD student at the University of Tokyo: PhD dissertation committee member  
International Trade; now a postdoctoral researcher at Waseda University  
Thesis: *Re-examining spatial market integration in Philippine rice markets*
- Frank Chen – master’s student at the University of Tokyo: master’s thesis advisor  
Housing Price Dynamics; now at Citi  
Thesis: *Taiwan's Current Housing Bubble and the Fundamental Value of the Underlying Assets*
- Ping Zhang – master’s student at the University of Tokyo: master’s thesis advisor  
High-Frequency Asset Pricing; now in the quantitative hedge fund industry  
Thesis: *Detecting price bubbles in the Japanese stock market*
- Xiuyuan Ye – master’s student at the University of Tokyo: master’s thesis evaluation committee member  
International Macroeconomics; now at Panasonic  
Thesis: *Exchange rate and industry trade between Japan and China*
- Kohei Nagamachi – PhD student at the University of Tokyo, dissertation evaluation committee member  
Urban Economics; now an associate professor at Kagawa University Graduate School of  
Management  
Thesis: *Functional Specialization of Cities*
- Huan Wang – PhD student at the University of Tokyo: master’s thesis advisor & PhD committee member  
International Trade and Economic Growth  
Master's thesis: *Skill-biased structural change and international trade*
- Laya Zhang – master’s student at the University of Tokyo: master’s thesis advisor  
International Finance, now at Hays  
Thesis: *An Investigation of the Relationship between International Trade Flows and the Geographic Distributions of Foreign Residents in Japan*
- Xiannong Zhang – master’s student at the University of Tokyo: master’s thesis evaluation committee member  
Urban Economics; now a PhD student at Washington University in St. Louis  
Thesis: *Hurt by social network: a study on rural-urban migration in China*
- Shuichiro Fujihara – master’s student at the University of Tokyo: master’s thesis advisor  
International Trade; now at NSSMC  
Thesis: *Impact of infrastructure on trade costs*
- Ryo Tsujino – master’s student at the University of Tokyo: master’s thesis advisor  
International Trade; now at Mitsubishi UFJ Morgan Stanley - Mergers & Acquisitions

Thesis: *Analyzing the impact of spatial aggregation on border effects*

Maxim Goryunov – PhD student at CERGE-EI, Charles University, Prague, PhD dissertation referee  
International Trade, Economic Geography, Spatial Economics; now an assistant professor at the  
School of Humanities and Social Sciences at NU Astana

Thesis: *Essays in Economic Theory*

Chuyi Liu – master's student at the University of Tokyo, dissertation evaluation committee member  
Corporate Finance

Thesis: *Current Stage and Future Development of Venture Capital in China*

### **Presentations:**

- 2012 Boston University, Stanford Graduate School of Business, University of Tokyo, Pennsylvania State University, University of British Columbia, National University of Singapore, University of Rochester, Pennsylvania State University's New Faces in International Economics Conference, Bates White's 9th Annual Antitrust Conference, Yale University
- 2013 AEA Meeting in San Diego: "Demand Systems and Imperfect Competition" Session, SED Meeting in Seoul: "Topics in International Trade I" Session, Asian Meeting of the Econometric Society in Singapore: "Topics in International Trade I" Hitotsubashi University, National Graduate Institute for Policy Studies, Hitotsubashi Conference on International Trade and FDI
- 2014 University of Chicago, Asian Development Bank Institute, University of Tokyo, Tohoku University, National Graduate Institute for Policy Studies, University of Tokyo, Hitotsubashi University, Kyoto University, Nagoya University, Osaka Workshop on Economics of Institutions and Organizations, Tokyo Conference, National University of Singapore, Institute of Developing Economies - IDE-JETRO, University of Tokyo, Japanese Economic Association Meeting in Fukuoka, Tsinghua University, Center for Market Studies & Spatial Economics - HSE, CERGE-EI - Charles University
- 2015 Australasian Trade Workshop, Sydney, Japan Society for International Economics Kanto Meeting, Japanese Economic Association Meeting, Niigata, CWSS Complex Systems Workshop, Prague, Society for Economic Dynamics Meeting, Warsaw, Industrial Organization Conference at the University of Tokyo, Summer Workshop on Economic Theory, Sapporo, Keio University, Japanese Economic Association Meeting, Tokyo, Chinese University of Hong Kong, Research Institute of Economy, Trade & Industry, North American Meetings of the Regional Science Association International, New York University Shanghai, Applied Regional Science Conference, Tokyo
- 2016 Osaka Workshop on Economics of Institutions and Organizations, Tokyo Conference, Japan Economic Association Meeting, Nagoya, Taipei International Conference on Growth, Trade and Dynamics, Asia Pacific Trade Seminars, Hitotsubashi Summer Institute, Asia Meeting of the Econometric Society, Japanese Economic Association Meeting, Tokyo, Research Institute of Economy, Trade & Industry
- 2017 Kobe University, Asia Meeting of the Econometric Society, Hong Kong, Asia Pacific Trade Seminars, Hanoi, Japanese Economic Association Meeting, Kyoto, International Association for Applied Econometrics Meeting, Sapporo, Summer Workshop on Economic Theory, Sapporo, University of Tokyo, Japan Society for International Economics Meeting, Tokyo, Asia-Pacific Industrial Organization Conference, Auckland
- 2018 IMF OAP-PRI Economics Workshop: Bank, Corporate and Sovereign Debt, Tokyo, Research Institute of Economy, Trade & Industry, Tokyo, Copenhagen Business School, University of Tokyo

2019 Hitotsubashi University (Jan 23)

**Short-Term Visits:**

2014 Feb/Mar Visiting Fellow, Becker Friedman Institute, University of Chicago, USA  
2014 Aug Visitor, Microsoft Research New England, Cambridge, MA, USA  
2014 Sep Development fieldwork site near Los Baños, Philippines  
2014 Dec/Jan CERGE-EI, Charles University, Prague, Czech Republic  
2015 Mar Visitor, Microsoft Research New England, Cambridge, MA, USA  
2016 Jan Development fieldwork site, Kasiglahan Village, Philippines

**Conference Discussions:**

2013 Loualiche: “*Asset Pricing with Entry and Imperfect Competition,*”  
Market Frictions Conference, Tokyo

2014 Allen and Arkolakis: “*Trade and the Topography of the Spatial Economy,*”  
AEA Meeting, Philadelphia (later published in Quarterly Journal of Economics, 2014)

2015 Faucegli, Lassmann, Shingal, and Wermelinger: “*Backward Participation in Global Value Chains and Exchange Rate Driven Adjustments of Swiss Exports,*”  
Australasian Trade Workshop, Sydney  
Behrens, Kichko, and Ushchev: “*Trade Liberalization and Markup Divergence: a General Equilibrium Approach,*”  
North American Meetings of the Regional Science Association International, Portland, OR  
Cacciatore, Ghironi & Lee: “*Financial Market Integration, Exchange Rate Policy, and the Dynamics of Business and Employment in Korea,*”  
NBER/TCER/CEPR Conference on International Finance in the Global Markets, Tokyo

2016 Kono: “*To Be Arbitraged? Extensive and Intensive Margin in Rice Trading in Madagascar*”  
Japan Economic Association Meeting, Tokyo

2017 Behrens, Kanemoto and Murata: “*On Measuring Welfare Changes when Varieties are Endogenous*”  
Japan Society for International Economics Meeting

2018 Kikkawa, Magerman, and Dhyne: “*Imperfect Competition and the Transmission of Shocks: The Network Matters*”  
Research Institute of Economy, Trade and Industry

**Special Lectures and Keynote Speeches:**

2014 *Exchange Rate Pass-Through*, University of Chicago, Booth School of Business, lecture  
2015 *Japan & the International Economy*, an event of Sungkyunkwan University, lecture  
2016 *Trading in Troubled Markets Seminar*, British Embassy, Tokyo, keynote speech

### **Conference Organization:**

- 2016 Asia Meeting of the Econometric Society, Kyoto, Program Committee Member  
Empirical Microeconomics/Industrial Organization
- 2017 Asia Meeting of the Econometric Society, Hong Kong, Session Organizer  
International Trade and Firm Networks

### **Referee Service:**

Quarterly Journal of Economics, Journal of Political Economy, Econometrica, American Economic Review, Review of Economic Studies, Economic Journal, RAND Journal of Economics, Review of Economics and Statistics, Journal of International Economics, Journal of Public Economics, Journal of Economic Theory, Journal of Health Economics, Management Science, Operations Research, and other journals

### **Personal:**

Czech citizen, born 2/26/1977, married to Mika Iga, three children

### **Papers:**

*Functional Forms for Tractable Economic Models and the Cost Structure of International Trade*  
with Glen Weyl

<https://arxiv.org/abs/1702.04967>, <http://ssrn.com/abstract=2194855>

After incorporating the editor's requests, sent again to the *Journal of Political Economy*

*Multi-Dimensional Pass-Through and Welfare Measures under Imperfect Competition*; with Takanori Adachi  
<https://arxiv.org/abs/1702.04967>, <http://ssrn.com/abstract=2919856>

*Pass-Through as an Economic Tool: Principles of Incidence under Imperfect Competition*; with Glen Weyl  
*Journal of Political Economy*, 2013, 121 (3): 528-583; <http://www.jstor.org/stable/10.1086/670401>

*D-Sitter Space: Causal Structure, Thermodynamics, and Entropy*, with Eva Silverstein  
*Journal of High Energy Physics* 2004.12 (2004): 061

*On Smooth Time-Dependent Orbifolds and Null Singularities*, with John McGreevy  
*Journal of High Energy Physics* 2003.06 (2003): 042

*Clean Time-Dependent String Backgrounds from Bubble Baths*  
with Ofer Aharony, Gary Horowitz and Eva Silverstein  
*Journal of High Energy Physics* 2002.07 (2002): 007

*Higher-Dimensional Quantum Hall Effect in String Theory*  
*Journal of High Energy Physics* 2002.05 (2002): 037

*Deconstructing Noncommutativity with a Giant Fuzzy Moose*, with Allan Adams  
*Journal of High Energy Physics* 2002.04 (2002): 006

*Casimir Effect Between World-Branes in Heterotic M-Theory*, with Petr Hořava  
*Nuclear Physics B* 580.1 (2000): 243-263

**Papers in Preparation:**

*Cities as Solitons: Analytic Solutions to Models of Agglomeration and Related Numerical Approaches*

<http://ssrn.com/abstract=2630599>

*Trade and Interdependence in a Spatially Complex World*

*Price Dynamics for Durable Goods*; with Gita Gopinath and Oleg Itskhoki

*International Influences on Japanese Supply Chains*; with Yoko Shibuya and Mina Taniguchi

<http://www.rieti.go.jp/en/publications/summary/17030018.html>

*Reputational Effects in Sovereign Default: the Role of Information Acquisition*; with Konstantin Egorov

<http://ssrn.com/abstract=2724568>

*Revisiting the Role of Transport Costs on Spatial Market Integration in the Philippines*; with Olivia Quek

*Output and Welfare Implications of Oligopolistic Third-Degree Price Discrimination*; with Takanori Adachi

<http://ssrn.com/abstract=3006421>