

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, Project Assistant Professor of Economics
2013 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* (graduate), University of Tokyo - scheduled
From 2016 *Data Science for Practical Economic Research* (graduate), University of Tokyo
From 2014 *Topics in Asset Pricing* (graduate), University of Tokyo
From 2013 *International Finance* (graduate), University of Tokyo
From 2013 *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 Japan Society for the Promotion of Science Grant – 11.88 million yen (\approx US \$115,000)
2013 Japan Science and Technology Agency Grant – 70 million yen (\approx US \$700,000)
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:

Konstantin Egorov – PhD student at Penn State: dissertation committee member
 International Trade, International Finance

Mina Taniguchi (Mina Sakamoto)– master’s student at the University of Tokyo: master’s thesis advisor
 International Trade; now graduate student at Sciences Po, Paris
 Thesis: *The effect of an increase in imports from China on regional labor markets in Japan*
<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 associate professor at Kagawa University Graduate School of Management
 Thesis: *Functional Specialization of Cities*

Chuyang Wu – master’s student at the University of Tokyo: master’s thesis advisor
 Asset Pricing

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

Xiannong Zhang – master’s student at the University of Tokyo: master’s thesis evaluation committee member
 Urban Economics; now at 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 - M&A
 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
 Thesis: *Essays in Economic Theory*

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 (June 3), Asia Pacific Trade Seminars, Hanoi (June 16-17), Japanese Economic Association Meeting, Kyoto (June 24), International Association for Applied Econometrics Meeting, Sapporo (June 26-30)

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

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

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:

African Review of Economics and Finance, Economic Journal, *Economica*, Economics Letters, Japanese Economic Review, Journal of Economic Theory, Journal of Health Economics, Journal of International Economics, Journal of Mathematical Economics, Journal of Political Economy, Journal of Public Economics, Journal of Regional Science, Management Science, National Tax Journal, Operations Research, Quarterly Journal of Economics, RAND Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Singapore Economic Review

Professional Memberships:

American Economic Association, Econometric Society, Japanese Economic Association, Japan Society of International Economics, Philippine eLearning Society, Society for Economic Measurement

Languages & Personal:

English (fluent), Czech (native), Japanese (basic), Slovak (passive), Polish (passive)
Czech citizen, born 2/26/1977, married to Mika Iga, three children

Working Papers in Preparation for Resubmission:

The Average-Marginal Relationship and Tractable Equilibrium Forms; with Glen Weyl
<http://ssrn.com/abstract=2194855>

Resubmission requested by the *Journal of Political Economy*. (We were asked to resubmit the paper after extending the applications and improving the text of the 2016 version of the paper, which in the previous form was rejected.)

Working Papers in Preparation:

Multi-Dimensional Pass-Through, Incidence, and the Welfare Burden of Taxation in Oligopoly; with Takanori Adachi
<http://ssrn.com/abstract=2919856>

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

Pass-Through and the Welfare Burden of Taxation in Differentiated Oligopoly; with Takanori Adachi

Publications:

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