

# MATHIEU TASCHEREAU-DUMOUCHEL

480 Uris Hall ◊ Cornell University ◊ Ithaca, New York, 14853  
www.mathtd.info ◊ mt763@cornell.edu

## Academic Positions

Assistant Professor of Economics and Robert Jain Faculty Fellow, Cornell University, 2017–present.

Assistant Professor of Finance, The Wharton School of the University of Pennsylvania, 2011–2017.

## Education

Ph.D., Economics, Princeton University, 2012.

M.A., Economics, Princeton University, 2008.

Diplôme d'Ingénieur, Applied Mathematics and Economics, École Polytechnique, Palaiseau, 2006.

B. Eng., Engineering Physics, École Polytechnique de Montréal, 2006.

## Research

### *Working Papers*

#### **The Origin of Risk**

with Alexandr Kopytov and Zebang Xu

#### **Cascades and Fluctuations in an Economy with an Endogenous Production Network**

*Review of Economic Studies*, conditionally accepted

#### **Coordinating Business Cycles**

with Edouard Schaal

to be presented at the *Journal of Monetary Economics* Conference in Honor of Robert E. Lucas, Jr.

#### **The Future of Labor: Automation and the Labor Share in the Second Machine Age**

with Hong Cheng, Lukasz Drozd, Rahul Giri and Junjie Xia

#### **Aggregate Demand and the Dynamics of Unemployment**

with Edouard Schaal

### *Publications*

#### **Endogenous Production Networks under Supply Chain Uncertainty**

with Alexandr Kopytov, Bineet Mishra and Kristoffer Nimark

*Econometrica*, 2024

#### **Herding Through Booms and Busts**

with Edouard Schaal

*Journal of Economic Theory*, 2023

**Cheap Thrills: the Price of Leisure and the Global Decline in Work Hours**

with Alexandr Kopytov and Nikolai Roussanov

*Journal of Political Economy Macroeconomics*, inaugural edition, 2023**The Union Threat***Review of Economic Studies*, 2020**Short-Run Pain, Long-Run Gain? Recessions and Technological Transformation**

with Alexandr Kopytov and Nikolai Roussanov

*Journal of Monetary Economics*, Carnegie-Rochester-NYU Conference Series, 2018**Uncertainty Traps**

with Pablo Fajgelbaum and Edouard Schaal

*Quarterly Journal of Economics*, 2017*Seminars and Conferences*

(including scheduled)

**2025** Federal Reserve Bank of Richmond, Peking University HSBC Business School**2024** Georgetown, Ninth Annual Conference on Network Science and Economics, University of Western Ontario, Barcelona Summer Forum, Université Laval, University of Texas at Austin, University of North Carolina at Chapel Hill, Queen's University, Federal Reserve Bank of Philadelphia.**2023** North American Winter Meeting of the Econometric Society, Université de Montréal, Federal Reserve Bank of Richmond (CORE week), Federal Reserve Bank of Richmond Conference on Production Networks, Global Economic Networks workshop, Workshop on International Economic Networks (WIEN), Université du Québec à Montréal, Paris School of Economics and Sciences Po joint seminar, Centre de Recerca en Economia Internacional, Harvard (joint macro and trade).**2022** University of Glasgow, Paris School of Economics, University of Rochester, Canadian Economics Association Annual Meeting, Society for Economic Dynamics Meeting, NBER Summer Institute, Minnesota Workshop in Macroeconomic Theory, Stanford Institute for Theoretical Economics, Boston University, Canadian Macroeconomics Study Group.**2021** ASSA Meeting, Boston College, Canadian Macroeconomics Study Group (x2), North American Summer Meeting of the Econometric Society, Western Economic Association International Annual Conference, Society for Economic Dynamics Meeting, University of Virginia, New York University, University of Pennsylvania, George Washington University, Toulouse School of Economics.**2020** Université Laval, Virtual Macro Seminar (VMACS).**2019** ASSA Meeting, Federal Reserve Bank of Atlanta/Emory University, Federal Reserve Bank of Philadelphia, Binghamton University, City University of Hong Kong, Hong Kong University of Science and Technology, Bank of Canada Frontiers of Monetary Policy and Financial Studies Conference.**2018** Federal Reserve Bank of New York, Cornell/Penn State Workshop, Midwest Macroeconomic Meetings, Society for Economic Dynamics Meeting, Minnesota Workshop in Macroeconomic Theory, University of Southern California Marshall School, New York University Search Workshop, Queen's University, Princeton University.**2017** Drexel University, Fundação Getulio Vargas São Paulo, Cornell/Penn State Workshop, University of Texas at Austin, Society for Economic Dynamics Meeting, Society for the Advancement of Economic Theory meeting, ITAM-PIER Conference, CIRANO-Sam M. Walton College of Business Workshop on Networks in Trade and Finance, Tepper-LAEF Conference, London School of Economics, Canadian Macroeconomics Study Group, Rutgers University.

**2016** ASSA Meeting, Duke University, Canadian Economics Association Conference, Society for Economic Dynamics Meeting, NBER Summer Institute, Minnesota Workshop in Macroeconomic Theory, Pennsylvania State University, New York University, University of California Los Angeles, University of British Columbia, University of Wisconsin-Madison, Federal Reserve Bank of Minneapolis, Cornell University, Federal Reserve Bank of Philadelphia.

**2015** University of California Los Angeles, Princeton University, 4th Junior Conference on Macroeconomics at Einaudi, Society for Economic Dynamics Meeting, World Congress Econometric Society, Wharton Liquidity Conference, Chinese University of Hong Kong.

**2014** Society for Economic Dynamics Meeting, North American Summer Meeting of the Econometric Society, NBER Summer Institute, NBER Universities Research Conference.

**2013** Canadian Macroeconomics Study Group, Federal Reserve Bank of New York.

**2012** ASSA Meeting, Cornell/Penn State Macro Workshop, Federal Reserve Bank of Minneapolis, Federal Reserve Bank of St-Louis, Yale University.

**2011** University of Pennsylvania, University of Chicago Booth School, University of Chicago, Federal Reserve Board, Université du Québec à Montréal, McGill University, Université de Montréal, HEC Lausanne, CREI, Institute for International Economic Studies, University of California Los Angeles, Wharton, Society for Economic Dynamics Meeting, Penn Search and Matching Workshop, Boston University.

**2010** Canadian Economics Association Conference, Society for Economic Dynamics Meeting, Princeton University, Federal Reserve Bank of Chicago.

## *Discussions*

(including scheduled)

Strategic Complementarities in a Dynamic Model of Technology Adoption: P2P Digital Payments, by Fernando Alvarez, David Argente, Francesco Lippi, Esteban Mendez and Diana Van Patten, Cowles Macro Summer Conference, June 2023

A Theory of Payments-Chain Crises, by Saki Bigio, Advances in Macro-Finance Tepper-LAEF Conference, April 2023

Switching Tracks after the Great Recession, by Omar Licandro and Francesca Romana Vinci, Bank of Canada Workshop on Monetary Policy Research, June 2021

Optimal Monetary Policy in Production Networks, by Jennifer La'O and Alireza Tahbaz-Salehi, San Francisco Fed Macro Conference, March 2021

The Transmission of Shocks in Endogenous Financial Networks; A structural Approach, by Jonas Heipertz, Amine Ouzad, and Romain Rancière, UBC Winter Conference, February 2020

Discount Rates and Employment Fluctuations, by Jaroslav Borovicka and Katarina Borovickova, Cowles Macro and Labor Conference, June 2016.

A Model of the Reserve Asset, by Zhiguo He, Arvind Krishnamurthy and Konstantin Milbradt, ASSA Meeting San Francisco, January 2016.

Uncertainty, Wages, and the Business Cycle, by Matteo Cacciatore and Federico Ravenna, Canadian Macroeconomics Study Group, November 2015.

Who Do Unions Target? Unionization Over the Life-Cycle of U.S. Businesses, by Emin Dinlersoz, Jeremy Greenwood and Henry Hyatt, ASSA Meeting, January 2015.

Default Risk and Aggregate Fluctuations in an Economy with Production Heterogeneity, by Aubhik Khan, Tatsuro Senga and Julia K. Thomas, Centre for Asset Pricing Research Workshop, June 2014.

## Teaching

at Cornell University

ECON 3040, Intermediate Macroeconomic Theory (undergraduate), 2018–present

ECON 6130, Macroeconomics I (PhD), 2017–present

at the Wharton School

FNCE 613, Macroeconomics and the Global Economy (MBA), 2016–2017

FNCE 101, Monetary Economics and the Global Economy (undergraduate), 2013–2014

FNCE 924, Intertemporal Macroeconomics and Finance (PhD), 2012–2014

## Professional Activities

### *Affiliations*

Faculty Affiliate, Cornell Center for Social Sciences, Cornell University, 2019–present

Faculty Affiliate, Center for the Study of Inequality, Cornell University, 2019–present

### *Service*

Organizer, S. C. Tsiang Macroeconomics Workshop, Cornell University, 2021–present

Recruitment committee, Cornell University, 2018–2019, 2019–2020, 2021–2022

Macroeconomics seminar, The Wharton School, 2011–2012, 2013–2014, 2015–2017

Recruitment committee, The Wharton School, 2011–2017

### *Conference Organization*

Program Committee Member, North American Summer Meeting of the Econometric Society, 2021

Co-director (with Kristoffer Nimark and Neil Wallace), Cornell/Penn State Macroeconomics Workshop, 2017–2019

Program Committee Member, Society for Economic Dynamics Meetings, 2016–2018

### *Short Visits*

Federal Reserve Bank of Richmond (March 2023), University of Texas at Austin (May 2017), Federal Reserve Bank of Minneapolis (June 2012 and October 2016), Université de Montréal (August 2015), Visiting Scholar Federal Reserve Bank of Philadelphia (2015), Federal Reserve Bank of St-Louis (August 2012).

*Referee*

American Economic Journal: Applied Economics, American Economic Journal: Macroeconomics, American Economic Review, American Economic Review: Insights, Econometrica, Economic Inquiry, Economic Journal, Economics Letters, Economic Theory, International Economic Review, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Finance, Journal of Monetary Economics, Journal of Political Economy, Journal of Political Economy Microeconomics, Journal of Public Economics, National Science Foundation, Quantitative Economics, Quarterly Journal of Economics, Review of Economic Dynamics, Review of Economics and Statistics, Review of Economic Studies, Review of Financial Studies, Swiss National Science Foundation, Theoretical Economics.

**Grants, Honors and Awards**

**2023–2024** Faculty Fellow, Cornell Center for Social Sciences, Cornell University

**2021** SCOR-PSE Junior Research Prize

**2021** Grant, Cornell Center for Social Sciences, Cornell University

**2019** Hatfield Research Grant

**2018–2020** Small Grants, Institute for the Social Sciences, Cornell University

**2017–present** The Robert Jain Faculty Fellowship in Arts and Sciences

**2016** Marshall E. Blume Prize, Honorable Mention

**2014** Cynthia and Bennett Golub Endowed Faculty Scholar Award

**2014** Rodney White Center Research Grant

**2010 and 2011** Outstanding Teaching Award, Woodrow Wilson School, Princeton University

**2008–2011** Doctoral Fellowship, Fonds Québécois de Recherche sur la Société et la Culture

**2007** Summer Fellowship, International Economic Section, Princeton University

**2006–2011** Graduate Fellowship, Princeton University

**2006–2008** Masters Fellowship, Fonds Québécois de Recherche sur la Nature et les Technologies

**2006** Dean's Award, École Polytechnique de Montréal

**2006** McConnell Foundation Award, École Polytechnique de Montréal

**Personal**

Married to [Elizabeth Tennant](#). Two children born in 2016 and 2020.