### FILIPPO MEZZANOTTI

Kellogg School of Management

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### **EDUCATION**

Harvard University, Cambridge, Massachusetts, USA

Ph.D. in Business Economics, 2011-2016

A.M. in Economics, 2014

Università Commerciale Luigi Bocconi, Milan, Italy

M.Sc. in Economics, 2008-2010 B.A. in Economics, 2005-2008

#### ACADEMIC APPOINTMENT

Kellogg School of Management, Northwestern University, Evanston, Illinois, USA

2020- Associate Professor of Finance (untenured)

2016 –2020 Assistant Professor of Finance 2016 –2017 Donald P. Jacobs Scholar

## **OTHER AFFILIATIONS**

| 2018- | Fellow, Technology & Policy Research Initiative, Boston University |
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| 2019- | Fellow, Kellogg Center for Science of Science and Innovation       |
| 2020- | Affiliate, Northwestern Center for Economic History                |

### TEACHING ACTIVITIES

**Finance II: Corporate Finance (FINC-431-0)**, MBA Program, Kellogg School of Management, Northwestern University. Spring 2017, Spring 2018, Fall 2018, Fall 2019, Fall 2020 (hybrid and online format), Fall 2021, Fall 2022, Fall 2023.

**Corporate Finance and Banking**, Ph.D. class, Teaching Fellow, Harvard University. Spring 2015

**Corporate Finance**, undergraduate class, Teaching Fellow, Harvard University. Spring 2014

### **PUBLICATIONS**

"Investor Tax Credits and Entrepreneurship: Evidence from U.S. States," with Matthew Denes, Sabrina Howell, Xinxin Wang, and Ting Xu, The Journal of Finance, forthcoming.

This paper also appeared as NBER WP w27751. Furthermore, this work builds on two previous papers "Financing Entrepreneurship through the Tax Code: Angel Investor Tax Credits," by Howell and Mezzanotti (NBER WP), and "Financing Entrepreneurship: Tax Incentives for Early-Stage Investors" by Denes, Wang, and Xu.

"Shocks and Technology Adoption: Evidence from Electronic Payment Systems," with Nicolas Crouzet and Apoorv Gupta, **Journal of Political Economy**, 2023.

2021 MFA Best Paper in Investing, sponsored by AAII.

"Financial Disruptions and the Organization of Innovation: Evidence from the Great Depression," with Asaf Bernstein and Tania Babina, The Review of Financial Studies (Editor's choice), 2023

This work was previously circulating with the title "Crisis Innovation" (NBER WP).

"Capital Destruction and Economic Growth: Evidence from Sherman's March," with James Lee and James Feigenbaum, American Economic Journal: Applied, 2022.

"Roadblock to Innovation: The Role of Patent Litigation in Corporate R&D", Management Science, 2021.

"Sovereign Debt Exposure and Bank Lending Channel: Impact on the Credit Supply and the Real Economy," with Margherita Bottero and Simone Lenzu, Journal of International Economics, 2020.

"Patent Policy and American Innovation After eBay: An Empirical Examination", with Tim Simcoe, Research Policy, 2019.

"Private Equity, Financial Strategy, and the Crisis," with Shai Bernstein and Josh Lerner, The Review of Financial Studies, 2019.

## OTHER PUBLICATIONS

"Private Equity and Portfolio Companies: Lessons from the Global Financial Crisis," with Shai Bernstein and Josh Lerner, Journal of Applied Corporate Finance, 2020.

## **TEACHING MATERIAL**

"KLA-Tencor in 2015: Cashing in the Chips," with David Matsa and Evan Meagher, Kellogg Business Case, 2024.

### WORKING PAPERS

- "Research and/or Development? Financial Frictions and Innovation Investment," with Tim Simcoe (2023). Census Center for Economic Studies Working Paper, 23-39; NBER Working Paper w31521, R&R at the Journal of Finance
- "Innovation and Appropriability: Revisiting the Role of Intellectual Property," with Tim Simcoe (2023), Census Center for Economic Studies Working Paper, 22-09; NBER Working Paper w31428.
- "Career Concerns and Technology Adoption: Evidence from the Movie Industry," with Abraham Ravid and Grant Goerhing (2023).
- "Bank Failure and the Manufacturing Sector during the Great Depression," with James Lee (2017).

### **WORK IN PROGRESS**

- "Technology Adoption and Consumers' Demand in Payments Services," with Nicolas Crouzet, Pulak Ghosh and Apoorv Gupta.
- "Debt Restructuring and Labor Supply," with Christopher Eaglin, Apoorv Gupta, and Jonathan Zinman. (RCT Launched).
- "The Production Function of Innovation."
- "Fintech Lenders and Optimal Debt Restructuring," with Pulak Ghosh and Apoorv Gupta (pilot study underway).
- "The Real Effect of Loan Sales," with Margherita Bottero, Simone Lenzu, and Giampaolo Parise.

#### **PRESENTATIONS**

(\*indicates presentation by coauthor at a conference, a number indicates multiple presentations in the same conference)

2024 Purdue, Tippie College of Business, University of Iowa (scheduled), Clemson University (scheduled), SFS Cavalcade (scheduled), Norwegian Business School (scheduled), Copenhagen Business School (scheduled).

2023 Rice, NBER Workshop of Digital Economics\*, NBER Productivity Innovation and Entrepreneurship, Midwestern Finance Association Meeting, Rotterdam, HKU (online), Taiwan Spring Symposium on Innovation Economics and Entrepreneurship\*, USPTO Chief Economist Seminar Series\*, WEFI Seminar Series, FIRS, FGV-San Paolo (online), China International Conference in Finance (CICF) (online); NBER Innovation, NBER Science of Science Funding, Notre Dame Finance Seminar, Financial Management Association (conference presentation and special session), Schulich School of Business, York University.

2022 AEA\*, Fintech Conference at Purdue-Krannert School of Management, Syms School of Business-Yeshiva Seminar, Kellogg Finance Brownbag, Barcelona GSE Summer

Forum, Chicago Entrepreneurial Finance Festival Summer, University of Lausanne (cancelled), IP Day Conference at TPRI-Boston University, Texas Finance Festival\*, Simon School of Business Administration (Rochester University), Kellogg Science of Science Research Lab, HEC Entrepreneurship Workshop.

2021 AFA\*, NBER Economics of Digitization, MFA, HKUST Finance Department, FIRS, Barcelona GSE Summer Forum (3), Minerva-Kellogg SS conference, John Hopkins University Finance seminar, 4<sup>th</sup> IMF Macro-Financial Research Conference\*, Maryland Smith Finance Seminar, Georgetown McDonough Finance Seminar, Financial Intermediation Workshop Bank of Italy – EIEF\*, Mallen Conference 2021\*.

2020 AFA (2), NBER Entrepreneurship and Innovation (cancelled), UNC/Duke Conference in Entrepreneurship (cancelled), Northwestern Economic History Retreat, Virtual Workshop in Entrepreneurial Finance and Innovation\*, Finance in the Cloud II-Entrepreneurship\*, Virtual Economic History Seminar\*, NBER Development of American Economy (SI)\*, WFA (2), MFA\*, Northeastern Finance Conference\*, EFA meeting, BYU Red Rock Conference (2), Chicago Entrepreneurial Finance Festival Fall, NBER Business Taxation in a Federal System, The Mallen Conference 2020\*, Bocconi Finance seminar.

2019 AFA, NBER Entrepreneurship and Innovation, Kellogg Finance Brown Bag, Toronto Fintech Conference\*, UNC Roundtable for Junior faculty, UNC/Duke Conference in Entrepreneurship, New York FED First Fintech Conference\*, Adam Smith Workshop in Corporate Finance, Fintech & Digital Finance Conference at SKEMA, Cavalcade, Entrepreneurial Finance and Innovation Workshop in New York\*, Berkeley Haas Finance, Labor and Finance Group Conference\*, 10<sup>th</sup> RCEA Growth, Innovation and Entrepreneurship Conference, Third UT Dallas Finance Conference\*, IIM Calcutta-NYU Stern Conference, Minnesota Junior Finance Conference\*, IMF, Auburn University, HEC Workshop in Entrepreneurship (2).

2018 AFA (2), CUNEF, 7<sup>th</sup> ITAM Finance Conference, OxFirst Conference on the role of injunction in the EU (Munich), Entrepreneurial Finance and Innovation Workshop in New York (Columbia and Yale), Minnesota Junior Finance Conference.

2017 Financial Management Association (FMA) Meeting, NBER Development of the American Economy\*, Searle Center Roundtable on Patents and Technology Standards, LBS Private Equity Symposium, Conference by Technology & Policy Research Initiative (TPRI) at Boston University, EFA meeting, PE Symposium at UNC Kenan-Flager.

2016 Fuqua School of Business (Duke), Bocconi University, Columbia Business School, Federal Reserve Board of Governors, Yale School of Management, Johnson School of Management (Cornell), Simon School of Business Administration (Rochester University), Texas A&M, IMF/World Bank (joint event) \*.

2015 Harvard University, EABH Workshop in Financial History\*, Washington St. Louis Doctoral Conference, Washington St. Louis Corporate Finance Conference (poster), Cornerstone Research.

2014 Bank of Italy, Harvard University, NBER DEA (poster), MIT Sloan\*.

#### **DISCUSSION**

- 2024 MFA (expected), Kentucky Bourbon Conference (expected), Northeastern Finance Conference (expected), Cavalcade (expected).
- 2023 Columbia Private Equity Conference, GSU CEAR-Finance Conference, WEFI Phd Workshop.

- 2022 MFA, LBS Private Equity Symposium.
- 2021 MFA, Becker-Friedman Institute-China seminar series.
- 2020 AFA, AEA, ASU Sonoran Winter Conference, Mofir, FIRS (cancelled), PCOB Workshop on Entrepreneurship and Finance.
- 2019 AFA, Fintech & Digital Finance Conference at SKEMA, 8th MoFiR workshop on banking, Northern Finance Association meeting at UBC.
- 2018 Yale Junior Finance Conference, 29<sup>th</sup> Annual Conference in Financial Economics and Accounting (Tulane, New Orleans).
- 2017 AFA, 10<sup>th</sup> Economics of Entrepreneurship and Innovation Conference at Queen's School of Business.

### PROFESSIONAL ACTIVITIES

#### External:

Referee: Quarterly Journal of Economics, The Review of Economic Studies, Journal of Finance, The Review of Financial Studies, The Journal of Financial Economics, Management Science, The Review of Finance, Journal of Banking and Finance, The Review of Corporate Finance Studies, American Economic Journal: Macroeconomics, Explorations in Economic History, Journal of the European Economic Association, Research Policy, Journal of Law and Economics, Quantitative Economics, Review of Economics and Statistics, The Economic Journal, International Journal of Industrial Organization.

Track Chair: Midwest Finance Association Meeting 2023, Midwest Finance Association Meeting 2022.

Session Chair: "Policies for Entrepreneurship" at the Midwest Finance Association 2023, "Modern Lending" at SFS Cavalcade 2022, "Private Equity and Venture Capital" at the Midwest Finance Association Meeting 2022, "Employees and Innovation" at Midwest Finance Association Meeting 2019, "Innovation" at FIRS Conference 2019.

Program Committee or Examiner: *FIRS* (2020, 2021, 2022, 2023), *MFA* (2021, 2022, 2023), *WFA* (2023), *European Finance Association Annual Meeting* (2018, 2019, 2020, 2021, 2022, 2023), *FMA Annual Meeting* (2022), *Conference in Corporate Finance, Washington St. Louis* (2018, 2019, 2020), *MFA Phd Workshop* (2023), *EUTOPIA Postdoc Fellowship* (2021, 2023, 2024).

Founder & Organizer: Chicago Entrepreneurial Finance Workshop (2020-)

## Internal:

Kellogg Finance Seminar Organizer (2018-2021; 2022-2023).

Kellogg Finance Junior Hiring Committee (2017-).

Kellogg Finance Ph.D. Admission (2016-).

Kellogg Innovation and Entrepreneurship Initiative Seminar Organizer (2018-2022).

## **MEDIA COVERAGE**

WSJ (2017, 2022), Kellogg Insights (2017, 2019, 2020x2), Financial Times-Lex (2017), Harvard Law School Corporate Governance and Financial Regulation (2017), RealDeals (2017), IP Literature Watch (2018), TPRI Blog (2018, 2019), Intellectual Property Watch (2018), NBER Digest (2019), Harvard Business Review (2019), FYI: For Your Innovation, podcast (2019), Business Insider (2019), CNBC (2020), Barron's (2020), Marginal Revolution (2020).

# FELLOWSHIPS, HONORS, GRANTS, AND AWARDS

| 2023      | Grant from the Financial Institutions and Markets Research Center,        |
|-----------|---|
|           | Kellogg School of Management.   |
| 2022      | Grant from the Financial Institutions and Markets Research Center,        |
|           | Kellogg School of Management.   |
| 2021      | MFA Best Paper in Investing and Household Finance, sponsored by AAII.     |
| 2021      | Grant from the Financial Institutions and Markets Research Center,        |
|           | Kellogg School of Management.   |
| 2018-2020 | Research Grant from the Technology & Policy Research Initiative, Boston   |
|           | University (joint with Tim Simcoe).                                       |
| 2017      | Grant from the Financial Institutions and Markets Research Center,        |
|           | Kellogg School of Management.   |
| 2015      | Martin Doctoral Award, Harvard Business School.                           |
| 2015      | PhD Award in Honor of Stuart I. Greenbaum, the 12th Annual Corporate      |
|           | Finance Conference, Olin Business School, Washington University in St.    |
|           | Louis   |
| 2013-2016 | Harvard Graduate School Fellowship  |
| 2014      | Lab for Economic Applications and Policy (LEAP) grant, Harvard University |
| 2011-2013 | Bonaldo Stringher Scholarship, Bank of Italy                              |
| 2008-2010 | Bocconi Graduate Merit Award  |
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# **OTHER EXPERIENCES**

| 2017-2018 | Visiting Research Fellow, Bank of International Settlements (host  |
|-----------|--|
|           | Gianpaolo Parise).   |
| 2014-219  | Visiting Scholar, Economic Outlook and Monetary Policy Department, |
|           | Bank of Italy (short periods).                                     |
| 2017      | Summer Scholar, Technology & Policy Research Initiative, Boston    |
|           | University.  |
| 2013-2014 | M.B.A. student (non-degree), Harvard Business School, one semester |
|           | of coursework in Finance and Entrepreneurship.                     |
| 2013      | Entrepreneurship Bootcamp, National Bureau of Economic Research.   |
| 2010-2011 | Visiting Pre-Doctoral Scholar, Northwestern University             |
| 2009-2010 | Research Assistant, IGIER, Università Commerciale Luigi Bocconi    |
| 2007      | Visiting Student at Dartmouth College, NH, US                      |