# BERNHARD GANGLMAIR

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ZEW – Leibniz Centre for European Economic Research L7, 1; 68161 Mannheim, Germany

University of Mannheim, Department of Economics L7, 3–5; 68161 Mannheim, Germany

Austrian citizen, U.S. permanent resident; married, two children (\*2018, 2020)

### CURRENT ACADEMIC POSITIONS

| July 2020 – present | Associate Professor of Economics – Innovation and Competition  |
|---------------------|--|
|                     | (Professur (W2) VWL mit Schwerpunkt Innovation und Wettbewerb) |
|                     | University of Mannheim, Department of Economics                |
| 2019 - present      | Head, Junior Research Group Competition and Innovation         |
|                     | ZEW Mannheim   |

# Other Appointments and Activities

| 2022 - 2025    | Co-PI, Project B02 "Strategic Information Disclosure," Collaborative |
|----------------|--|
|                | Research Center Transregio 224 EPoS (https://www.crctr224.de/en)     |
| 2021 - present | Member, Steering Committee, CLEEN (Competition Law and Eco-          |
|                | nomics European Network  |
| 2019 - present | Board, Mannheim Centre for Competition and Innovation (MaCCI)        |

### EDITORIAL POSITIONS

| 2022 - present | Associate Editor, International Journal of Industrial Organization |
|----------------|--|
| 2014 - present | Associate Editor, <i>Economic Inquiry</i>                          |

# Education

| Ph.D in Economics    | University of Zurich (Switzerland), 2011                         |
|----------------------|--|
|                      | University of Bonn (Germany), 2004 – 2007 (graduate coursework)  |
| Magister (Economics) | University of Linz (Austria), 2004                               |
|                      | Humboldt University of Berlin (Germany), 2002 (visiting student) |

# PREVIOUS ACADEMIC POSITIONS AND OTHER APPOINTMENTS

| 2019 - 2021          | Member, CRC Transregio 224 EPoS, University of Mannheim             |
|----------------------|---|
| July 2018 – Dec 2018 | Post-Doctoral Researcher, CRC TR 224                                |
|                      | University of Mannheim, Department of Economics                     |
| 2010 - 2018          | Assistant Professor of Managerial Economics                         |
|                      | University of Texas at Dallas (Naveen Jindal School of Management)  |
| Summer 2017          | Guest Lecturer, University of Linz (Department of Economics)        |
| Spring 2017          | Visiting Faculty, Northeastern University (Department of Economics) |
| Summer 2015          | Guest Lecturer, University of Linz (Department of Economics)        |
|                      |   |
| Aug 2008 – Dec 2018  | Research Associate, ZEW Mannheim                                    |
| 2012 - 2018          | Affiliated Faculty, CLBOE, University of Texas at Dallas            |

| Fall 2016   | Visiting Scholar, Boston University (Department of Economics)   |  |  |  |
|-------------|---|--|--|--|
| 2007 - 2010 | Nonresident Research Affiliate, IZA, Bonn (Germany)             |  |  |  |
| 2004        | Junior Research Fellow, Austrian Institute of Economic Research |  |  |  |
|             | (WIFO), Vienna (Austria)  |  |  |  |

### FIELDS OF INTEREST

Applied microeconomics, law and economics, innovation, industrial economics, antitrust economics, contracts

### PUBLICATIONS (PEER-REVIEWED)

- 7. "The Effect of Patent Litigation Insurance: Theory and Evidence from NPEs" (with Christian Helmers and Brian Love). Journal of Law, Economics, and Organization, forthcoming.
- "Expectations of Reciprocity when Competitors Share Information: Experimental Evidence" (with Alex Holcomb and Noah Myung). Journal of Economic Behavior & Organization, 170 (February), 2020, 244–267.
- "Installment Contracts and Material Breach." <u>Supreme Court Economic Review</u>, 26, 2018, 1–46.
- "Efficient Material Breach of Contract." <u>Journal of Law, Economics, and Organization</u>, 33(3), 2017, 507–540.
- "Adversarial Decision Making: Choosing Between Models Constructed by Interested Parties" (with Luke Froeb and Steven Tschantz). Journal of Law and Economics, 59(3), 2016, 527–548.
- 2. "Conversation With Secrets" (with Emanuele Tarantino). <u>RAND Journal of Economics</u>, 45(2), 2014, 273–302.
- "Patent Hold Up and Antitrust: How a Well-Intentioned Rule Could Retard Innovation" (with Luke Froeb and Greg Werden). Journal of Industrial Economics, 60(2), 2012, 249– 273.
- 0. Rejection counter: 41 rejections at 28 journals

### NON PEER-REVIEWED PUBLICATIONS

### Contributions to Edited Volumes and Special Issues

- "Markups for Consumers" (with Alexander Kann and Ilona Tsanko), <u>Journal of Economics</u> and Statistics (JBNST) (Special Issue: Market Power and Concentration Developments), 241(5-6), 2021, 701–734.
- "Technology Economics: Licensing, Innovation, and Antitrust" (with Greg Werden, Luke Froeb, and Steven Tschantz), November 2020. Chapter 5 in *Global Antitrust Institute Report on the Digital Economy*, Arlington, Va.: Global Antitrust Institute, pp. 192–219. (https://GAIDigitalReport.com/)

### Studies and Policy Reports

- "Verbraucherpreisaufschläge in Deutschland" (with Alexander Kann and Ilona Tsanko), March 2021. Study commissioned by the Federal Ministry of Justice and Consumer Protection, Berlin, Germany. Download at https://www.bmjv.de/SharedDocs/Downloads/ DE/Fachinformationen/Verbraucherpreisaufschlaege\_in\_Deutschland.pdf - "Price Markups, Innovation, and Productivity: Evidence from Germany" (with Nadine Hahn, Michael Hellwig, Alexander Kann, Bettina Peters, and Ilona Tsanko), July 2020. Volume 8 in *Produktivität für Inklusives Wachstum*, Gütersloh, Germany: Bertelsmann Stiftung.

# Policy Briefs, Short Expertises, Blogs

- "Wachsende Marktmacht in Deutschland: Schlecht für Produktivität und Verbraucher:innen" (with Dominic Ponattu), https://inclusive-productivity.de (July 2, 2021).
- "Wer mehr Preissetzungsmacht bei M&A-Transaktionen hat," M&A Report October 2020, Mannheim and Frankfurt, Germany: ZEW Mannheim and Bureau van Dijk.
- "Marktmacht und Produktivität der Unternehmen in Deutschland" (with Torben Stühmeier), www.oekonomenstimme.org (July 17, 2020).
- "We Must Protect Competition" (German version: "Wir müssen den Wettbewerb schützen") (with Torben Stühmeier), Policy Brief #2020/03 (July 2020), Gütersloh, Germany: Bertelsmann Stiftung.
- "M&A Activity Between Companies with Large Patent Portfolios Is Refrained From," M&A Report May/June 2019, Mannheim and Frankfurt, Germany: ZEW Mannheim and Bureau van Dijk.
- "Direkter Effekt regionaler Gegebenheiten auf Wirtschaftswachstum und Einkommen. Oder: Warum geht es uns hier besser als anderswo?" (with Florian Wakolbinger), Proceedings of the Pro Scientia Summer Academy 2004.

# WORKING PAPERS (UNDER REVIEW)

- "Learning When to Quit: An Empirical Model of Experimentation in Standards Development" (with Timothy Simcoe and Emanuele Tarantino, September 2018), *R&R*, <u>American</u> Economic Journal: Microeconomics
- "Visibility of Technology and Cumulative Innovation: Evidence from Trade Secrecy Protection Laws" (with Imke Reimers, March 2021)
- "Representation is Not Sufficient for Selecting Gender Diversity" (with Justus Baron, Nicola Persico, Timothy Simcoe, and Emanuele Tarantino, March 2021)

# Other Working Papers

- "Keeping a Secret Longer: Evidence from Patent Applications" (with Imke Reimers)
- "The Rise of Process Claims: Evidence from a Century of U.S. Patents" (with W. Keith Robinson and Michael Seeligson)
- "Strategic Information Disclosure: The Case of Pending Patents" (with David T. Angenendt and Jong-Min Oh, October 2017)
- "Complexity, Standardization, and the Design of Loan Agreements" (with Malcolm Ward-law, April 2017)

# Ongoing Research

- "Do Trade Secrets Harm Competition?"

- "Effects of Patent Declarations on Technology Standardization"
- "Gender Role Models and Internet Standards Development"
- "Competition, Innovation, and Productivity: Evidence from Germany"
- "Do Commonly Held Firms Coordinate Their R&D? Evidence from Patents"
- "Industry Consolidation and Innovation Strategy: Evidence from Mergers"
- "Innovation Strategy and R&D Tax Credits"
- "Soft-Landing Contracts"
- "Mannheim Privacy Policy Panel (MaPPP)"
- "Standardization and Readability of Privacy Policies: Recent Developments and the Effect of the GDPR"

# PERMANENT WORKING PAPERS

- "Separation of Powers: The Case of Antitrust" (with Andrea Günster, March 2011)
- "Intrinsic Motivation, Discrimination and the Child Labor-Schooling Trade-Off: Empirical Findings" (December 2006)

### Awards, Honors, Scholarships

| 2015        | Exzellenzstipendium, State of Upper Austria  |
|-------------|--|
| 2015        | Financial Management Association (FMA) Europe Writers' Workshop, Venice (Italy), June 11, 2015   |
| 2008        | Young Economists' Essay Award (YEEA), European Association for Research<br>in Industrial Economics (EARIE), presented by the Conseil de la concurrence,<br>Toulouse (France) |
| 2008        | Invitation, Lindau Nobel Laureate Meetings (3rd Meeting in Economic Sciences),<br>Lindau, Germany  |
| 2007 - 2008 | Research Scholarship, Swiss Federal Commission for Scholarships for Foreign Stu-<br>dents (ESKAS) (declined: February – June 2008)   |
| Spring 2007 | Visiting Research Fellowship, Columbia University (School of Law, Center of Legal and Economic Studies)  |
| Spring 2006 | Visiting Research Fellowship, Columbia University (School of Law, Center of Legal and Economic Studies)  |
| 2006        | Julius Raab International Scholarship, Julius-Raab-Foundation, Austria   |
| 2005 - 2006 | Fulbright Scholarship (declined)   |
| 2004 - 2007 | Ph.D. Research Stipend, German Science Foundation (DFG)  |
| 2004        | Leistungsstipendium (Award for Outstanding Academic Achievements), University of Linz  |
| 2003 - 2005 | Fellow of Pro Scientia Austria   |
| 2003 - 2004 | Kepler Internationalisation Program, State of Upper Austria  |
| 2003        | Julius Raab International Scholarship, Julius-Raab-Foundation, Austria   |

### Grants

Research Grants: Principal Investigator or Co-PI (External Funding Sources)

- 2022 2025 Collaborative Research Center Transregio 224 (CRC TR 224), "Economic Perspectives on Societal Challenges: Equality of Opportunity, Market Regulation, and Financial Stability (EPoS)," funded by the German Research Foundation (Deutsche Forschungsgemeinschaft, DFG), Co-PI on project B02: *Strategic Information Disclosure*, January 2022 – December 2025, <u>EUR 596,800</u> (Co-PIs on project B02: Sarah Auster and Francesc Dilmé)
- 2021 2022 Women and Science Chair, Université Paris Dauphine PSL, November 2021 October 2022, <u>EUR 10,000</u> (with Alessandra Allocca, Nicola Persico, Timothy Simcoe, and Emanuele Tarantino (PI)
- 2019 2020 SEEK Program (Strengthening Efficiency and Competitiveness in the European Knowledge Economies): "Minority Holdings of Firms and Their Effects on Competition and Innovation." May 2019 March 2021, EUR 141,627.60
- 2011 NET Institute. Summer Research Grant, July September 2011, USD 3,000 (with Emanuele Tarantino)
- 2011 National Bureau of Economic Research, NBER. Research Grant, <u>USD 7,500</u> (with Emanuele Tarantino)

Research Grants: Principal Investigator or Co-PI (Internal Funding Sources)

ZEW Mannheim: "The Market for Medical Products and Instruments – Compe-2020 tition and Innovation." March 2020 – August 2021, EUR 69,590.00 (with Bettina Peters) 2016 University of Portsmouth: Research Project Fund, RPF40061. May 2016, GBP 2,640 (with Wolfgang Luhan, PI) 2014Center and Laboratory for Behavioral Operations and Economics at UT Dallas. January – May 2014, USD 4,800 (with Alex Holcomb and Noah Myung) 2014Center for the Analysis of Property Rights and Innovation at UT Dallas. USD 6,000 (with Jong-Min Oh) 2011 Center for the Analysis of Property Rights and Innovation at UT Dallas. USD 5,000 (with Emanuele Tarantino)

*Not funded:* 9 (EUR 701,000)

### Travel Grants:

| 2019 | Center on Law, Business, and Economics, Northwestern University Pritzker    |
|------|---|
|      | School of Law, May  |
| 2015 | Searle Center on Law, Regulation, and Economic Growth, Northwestern Univer- |
|      | sity School of Law, April   |
| 2009 | Verein für Socialpolitik, presented by Swiss National Bank                  |
| 2009 | Royal Economic Society (UK)   |

### RESEARCH CONTRACTS, COMMISSIONED STUDIES

- 2021 German Federal Ministry of Justice and Consumer Protection: "Ungleichgewicht zwischen Unternehmen und Verbraucherinnen und Verbrauchern: Analyse der Marktmachtentwicklung und der Verbraucherpreisaufschläge" (324-06.01-2820EHV003), January - March 2021, EUR 20,665.65
- 2019 Bertelsmann Stiftung: "Unternehmenskonzentration und Innovation als Ursache der Produktivitätsschwäche", Program *Produktivität für inklusives Wachstum*, April – December 2019, EUR 63,813.68 (with Bettina Peters)

# **Research Visits**

U.S. Department of Justice (Antitrust Division), December 2017 (1 week)
University of Linz (Department of Economics), June 2017
Northeastern University (Department of Economics), January – August 2017
Boston University (Department of Economics), May – December 2016
University of Linz (Department of Economics), May – June 2015
University of Haifa (Department of Economics), November – December 2014
University of Bologna (Department of Economics), May – July 2012
ETH Zurich (Chair for Intellectual Property), August 2009 – June 2010
Columbia University (School of Law, Center of Legal and Economic Studies), Jan – May 2006

INVITED SEMINARS (\*: scheduled; v: virtual)

- 2022 \*Seeburg Castle University (Salzburg), \*University of Portsmouth, \*Swansea University (v), \*University of Graz
- 2021 University of East Anglia/Centre for Competition Policy (v), Stellenbosch University (v), NHH Bergen (v)
- 2020 University of Marburg, Cornell University (Virtual Strategy Seminar), MINES Paris-Tech (v), KU Leuven (v), George Mason University (e-Workshop), German Federal Ministry of Economic Affairs and Energy (BMWi) – research webinar (v), University of Portsmouth (v), University of Tübingen (v)
- 2019 MPI for Innovation and Competition (Munich), University of Düsseldorf (DICE)
- 2018 University of Nebraska Lincoln, Cornerstone Research (Boston), ZEW Mannheim, Queen Mary University of London
- 2017 Harvard University, Northeastern University, Queen's University (Smith BS), University of British Columbia (Sauder BS), University of Linz
- 2016 Boston College, Boston University, City University London, University of Portsmouth, University of Texas at El Paso
- 2015 CEMFI Madrid, University of Linz, University of Maryland (Finance)
- 2014 Bar-Ilan University, ESMT Berlin, Santa Clara University, Tel Aviv University (Law & Economics), Tel Aviv University (Recanati BS), University of Haifa, University of Toronto (Rotman BS)
- 2013 University of Texas at Dallas, Vanderbilt University (Owen BS)
- 2012 Copenhagen Business School, ESMT Berlin, ETH Zurich, Naval Postgraduate School, University of Tübingen, University of Bologna, University of Haifa, University of Linz
- 2011 Southern Methodist University, University of Bologna
- 2010 ETH Zurich, European Commission/DG Competition Brussels, University of Haifa (Law & Economics), University of Rochester (Simon BS), University of Texas at Dallas (Jindal BS), Universitat Pompeu Fabra Barcelona, Vanderbilt University (Law & Economics)
- <2010 Federal Trade Commission (2009), NYU (2007), Royal Holloway College (2009), University of Tübingen (2009), University of Bonn (Law&Economics 2007, 2009), University of Cologne (2009), University of Innsbruck (2007), University of Munich (2009), University of Oldenburg (2008), University of St. Gallen (2009), U.S. Department of Justice/EAG (2009)

# SCIENTIFIC CONFERENCE AND WORKSHOP PRESENTATIONS (\*: scheduled; v: virtual)

- 2022 \*MaCCI Annual Conference, Mannheim (Germany), March
  - \*Industrial Economics Committee, Verein für Socialpolitik, Düsseldorf (Germany), March

- ASSA/SGE, Boston, MA (v), January
- 2021 European Winter Meeting of the Econometric Society, Barcelona (Spain) (v), December
  - NBER I3 Technical Working Group Meeting, Cambridge, MA, December
  - IAB Workshop on Analysing IETF Data (AID) 2021, Amsterdam (NL) (v), November
  - TILEC Workshop on Patents and Standards, Tilburg (NL) (v), September
  - EPIP, Madrid (Spain) (v), September
  - Annual Innovation Economics Conference, Northwestern University (v), August
  - Conference "Should Wealth and Income Inequality Be a Competition Law Concern?" Amsterdam (NL) (v), May
  - Internal Conference of CRC TR 224 EPoS (v), April
  - OECD Global Forum on Productivity, Webinar Series (v), December
  - Verein für Socialpolitik, Cologne (Germany) (v), September
  - Workshop "Market Power Trends in Germany and Europe", Bertelsmann Stiftung and Monopolkommission (Germany) (v), August
  - Econometric Society World Congress, Milan (Italy) (v), August
  - NOeG (Austrian Economics Association), Vienna (Austria), February
  - NOeG/WU Winter Workshop, Vienna (Austria), December
    - Innovation/IP Workshop, Luxembourg, November
    - BU Technology and Policy Research Initiative IP Day, Boston, MA, July
    - NBER Summer Institute (Innovation, 2x), Boston, MA, July (co-authors presenting)
    - Society for Institutional and Organizational Economics, Stockholm (Sweden), June
    - Munich Summer Institute, Munich (Germany), June
    - Searle Center Empirical Research Conference on Standardization, Chicago, IL, May
    - ZEW/MaCCI Conference: Economics of Innovation and Patenting, Mannheim, May
    - Internal Conference of CRC TR 224 EPoS, Mainz (Germany), April
    - MaCCI Annual Conference, Mannheim (Germany), March
    - Online Workshop on the Computational Study of Law (OWCAL), January
- 2018 NOeG Winter Workshop, Vienna (Austria), December
  - Empirical Legal Studies Workshop, Amsterdam (The Netherlands), December
  - Conference of Empirical Legal Studies, Ann Arbor, MI, November
  - Internal Conference of CRC TR 224 EPoS, Montabaur (Germany), October
  - American Law & Economics Association, Boston, MA, May
- 2017 IP Statistics for Decision Makers, Mexico City (Mexico), November
  - Midwest Economic Theory Conference, Dallas, TX, NovemberIIOC, Boston, MA, April
  - Work-in-Progress Intellectual Property Colloquium, Boston, MA, February
- 2016 Society of Experimental Finance North America Meeting, Tucson, AZ, November
  - Canadian Law and Economics Association, Toronto (Canada), September
  - European Association of Law and Economics, Bologna (Italy), September
- 2015 MaCCI Workshop on Innovation Economics, Bad Homburg (Germany), November
  - EARIE, Munich (Germany), August
  - EEA, Mannheim (Germany), August
  - EFA, Vienna (Austria), August
  - ZEW/MaCCI Conference: Economics of Innovation and Patenting, Mannheim, July
  - Searle Center Conference on Innovation Economics, Chicago, IL, June
  - FMA Europe, Venice (Italy), June

2019

2020

|      | - | IIOC, Boston, MA, April   |
|------|---|---|
| 2014 | - | FMA, Nashville, TN, October   |
|      | - | Society for Experimental Finance, Zurich (Switzerland), June (poster)   |
|      | - | Midwest Economic Theory Meeting, IUPUI, Indianapolis, IN, May/June  |
| 2013 | - | Texas Economic Theory Camp, Texas A&M Univ., College Station, TX, September   |
|      | - | International Conference on Game Theory Society, Stony Brook, NY, July  |
|      | - | IIOC, Boston, MA, May   |
|      | - | Midwest Economic Theory Meeting, Michigan State Univ., East Lansing, MI, April  |
| 2012 | - | Canadian Law and Economics Association, Toronto (Canada), September   |
|      | - | EARIE, Rome (Italy), September  |
|      | - | World Congress of the Game Theory Society, Istanbul (Turkey), July  |
|      | - | Central European Program in Economic Theory Workshop, Udine (Italy), May  |
|      | - | IIOC, Arlington, VA, March  |
|      | - | NBER Conference on Patents, Standards, and Innovation, Tucson, AZ, January  |
| 2011 | - | Zurich Workshop on Economics, Lucerne (Switzerland), September  |
|      | - | IO: Theory, Empirics, and Experiments, Universita del Salento (Italy), June   |
|      | - | Law & Economics of IP and Competition Law, Wildbad-Kreuth (Germany), June   |
|      | - | American Law & Economics Association, New York, NY, May   |
|      | - | NBER Conference on Patents, Standards and Innovation, Boston, MA, May   |
|      | - | Southwestern Society of Economists, Houston, TX, March  |
|      | - | Eastern Economics Association, New York, NY, February   |
| 2010 | - | A wonderfully quiet year  |
| 2009 | - | Spanish Economics Association, Valencia (Spain), December   |
|      | - | European Association of Law and Economics, Rome (Italy), September  |
|      | - | Intertic Conference on Competition Policy and Property Rights, Milan, September   |
|      | - | EARIE, Ljubljana (Slovenia), September  |
|      | - | EEA, Barcelona (Spain), August  |
| 0000 | - | Swiss IO Day, Berne (Switzerland), April  |
| 2008 | - | EARIE, Toulouse (France), September   |
|      | - | EEA, Milan (Italy), August  |
|      | - | World Congress of the Game Theory Society, Evanston, IL, July   |
|      | - | International Society of New Institutional Economics, Toronto (Canada), June  |
|      | - | North American Summer Meeting of the Econometric Society, Pittsburgh, PA, June NOeG (Austrian Economics Association), Vienna (Austria), May |
|      | - | HOC, Arlington, VA, May   |
| 2007 | - | EEA and ESEM, Budapest (Hungary), August  |
| 2001 | _ | Royal Economic Society, Warwick (UK), April   |
| 2006 | _ | Verein für Socialpolitik, Bayreuth (Germany), September   |
| 2000 | _ | European Society of Population Economics, Verona (Italy), June  |
|      | _ | IZA/World Bank Conference Employment and Development, Berlin (Germany),   |
|      |   | May   |

# POLICY EVENTS (FOR GENERAL PUBLIC) (\*: scheduled; v: virtual)

- 2022 \*Online Symposium "Trade Secrets for Scholars and Practitioners:" Moderator of panel on economics and management questions,' February 24–25, 2022 (v)
- 2021 German Federal Ministry of Justice and Consumer Protection (BMJV): Panel Discussion "Consumer Protection for Online Markets and Large Digital Platforms," September 20, 2021 (v)

### SCIENTIFIC CONFERENCE AND WORKSHOP ORGANIZATION (\*: scheduled)

- MaCCI/EPoS Workshop Economics of Innovation (virtual), December 9-10, 2020 (with Emanuele Tarantino)
- Mannheim Virtual IO Seminar Workshop
  - + "Secrecy and Disclosure in Innovation", June 16–17, 2021
- Mannheim Virtual IO Seminar (with Eleftheria Triviza)
  - + "Strategic Disclosure and Secrecy," March June 2021
  - + "Privacy and Competition," October November 2020
  - + "Privacy and Competition," April June 2020
- MaCCI Law & Economics Conference, Mannheim (Germany), November 14–15, 2019 (with Lea Tochtermann)
- MaCCI Competition and Regulation Day, Mannheim (Germany), November 8, 2019
- MaCCI IO Day, Mannheim (Germany)
  - + \*April 29, 2022
  - + May 28, 2021
  - + October 9, 2020
  - + May 10, 2019

TEACHING (\*: scheduled)

Regular Classroom Teaching:

| University of Mannheim        | Topics in Competition Economics (M.Sc.)<br>Competition Economics (LL.M.)                                     | Spring 2019<br>Fall 2019<br>Fall 2020  |
|-------------------------------|--|--|
|                               | Quantitative Methods for Lawyers (LL.M.)<br>Economics of Innovation (M.Sc.)<br>Economics of Innovation (PhD) | Fall 2021<br>Fall 2021<br>*Spring 2022<br>Spring 2020<br>Spring 2021               |
| Northeastern University       | Innovation Economics (M.Sc./PhD)<br>Information Economics and Game Theory                                    | Spring 2017<br>Spring 2017   |
| University of Texas at Dallas | Business Economics (M.Sc.)   | Spring 2011<br>Fall 2011<br>Spring 2013<br>Spring 2014<br>Fall 2015<br>Spring 2018 |
|                               | Business Economics (Professional MBA)  | Spring 2015<br>Spring 2015<br>Spring 2016  |
|                               | Topics in Industrial Organization (PhD)  | Spring 2010<br>Spring 2012<br>Spring 2013<br>Spring 2014<br>Fall 2015              |

|   | Corporate Finance and IO (PhD)<br>(with M. Wardlaw)   | Fall 2017<br>Summer 2013  |
|---|---|---|
| University of Linz  | Regulation and Antitrust (M.Sc.)  | Summer 2015<br>Summer 2017  |
| University of Zurich  | Advanced Microeconomics 1: Game Theor<br>(Exercises; M.A./M.Sc.)<br>Advanced Microeconomics 2: Microeconom<br>(Exercises; M.A./M.Sc.) | -   |
| Summer Schools and Worksh   |   |   |
|   | al Property (EPIP), Zurich (Switzerland)<br>Summer School (CISS), Ulcinj (Montenegro  | September 2019<br>) May 2019  |
| <u>PhD Advising:</u><br>Jong-Min Oh (committee men<br>University of Texas at Dallas,<br>First placement: University o   | , Naveen School of Management   | Defended: July 2015   |
| Sneha Bakshi <i>(committee mer</i><br>University of Texas at Dallas,<br>First placement: University o   | •   | Defended: May 2015  |
| Seong Byun <i>(committee mem</i><br>University of Texas at Dallas,<br>First placement: University o   | Naveen School of Management   | Defended: July 2014   |
| <u>Master Theses:</u>   |   |   |
| Theresa Geyer (University of<br>Sandra Heim (University of M<br>Vanja Reinkowski (University<br>Julia Krämer (University of M<br>Philip vom Baur (University of<br>Maria Kühnel (University of J<br>Alice Cannavo (University of<br>Ye Yuan (University of Mann | Aannheim, Economics)<br>of Mannheim, Economics)<br>Aannheim, Law)<br>of Mannheim, Economics)<br>Mannheim, Economics)                  | *Spring 2022<br>*Spring 2022<br>*Spring 2022<br>Fall 2021<br>Spring 2021<br>Fall 2020<br>Fall 2020<br>Spring 2020 |
| Bachelor Theses:  |   |   |
| Maliana III (II   | Manulating Demonstrate of Economic )  | $E_{-11}$ 0.000   |

Melissa Uhrig (University of Mannheim, Department of Economics)Fall 2020Lion Szlagowski (University of Mannheim, Department of Economics)Summer 2020Thomas Flanagan (University of Texas at Dallas, Naveen School of Management)Fall 2017

- American Law and Economics Review; B.E. Journal of Theoretical Eco-Journals (85): nomics (3); Economica; Economic Inquiry (28); Economics Letters; Elements in Law, Economics and Politics; European Economic Review (4); Games and Economic Behavior; International Economic Review; International Journal of the Economics of Business; International Journal of Industrial Organization (7); Journal of Economics & Management Strategy (3); Journal of Economic Behavior and Organization (3); Journal of Economic Education; Journal of Economic Theory (2); Journal of the European Economic Association; Journal of Industrial Economics (2); Journal of Institutional and Theoretical Economics (2); Journal of Law, Economics, and Organization (2); Journal of Mathematical Economics; Journal of Political Economy; Management Science (5); Oxford Economic Papers; RAND Journal of Economics (5); Research in Labor Economics; Research Policy; Review of Industrial Organization; SAGE Open; Scandinavian Journal of Economics; Social Choice and Welfare; Southern Economic Journal
- Books: Cambridge University Press
- Conferences: Verein für Socialpolitik, 2022 MaCCI Annual Conference, 2020 – 2022 ZEW/MaCCI Conference: Economics of Innovation and Patenting, 2019 European Association of Law and Economics, 2019 DRUID Conference, 2012 – 2018 DRUID-Asia Conference, 2016 Financial Management Association, 2014
- Grant programs: Research Council/Industrial Research Council, KU Leuven, 2019 German Science Foundation (DFG), 2020

#### SOFTWARE AND IT SKILLS

 ${\ensuremath{\mathbb I}} {\ensuremath{\mathbb A}} T_{\ensuremath{\mathbb E}} X,$  Stata, Mathematica, R

DEPARTMENT AND UNIVERSITY SERVICE

- Faculty Recruitment Committee
  - + Law (Civil Law, Law & Economics), University of Mannheim (2021)
  - + Law (Civil Law, Law & Economics), University of Mannheim (2019)
  - + Managerial Economics, UT Dallas (2012, 2013)
  - + Microeconomics, University of Zurich (2010)
  - + Law & Economics, University of Zurich (2009)
- PhD Admissions Committee
  - + UT Dallas, Finance (2014, 2016)
- MSc Admissions Committee
  - + University of Mannheim, Economics (2020)
- Career Development Committee (ZEW Mannheim)

- + Leonardo Giuffrida (2020 –)
- + Adriano de Leverano (2020 -)
- + Francesco Clavora Braulin (2021 –)
- Academic Senate, UT Dallas (2015/2016)
- Twitter Initiative, CRC TR 224 EPoS, University of Mannheim
- Co-ordinator, Economics Reading Group, UT Dallas
  - + Mechanism Design (Spring 2016)
  - + Empirics of Asymmetric Information (Fall 2012)
  - + Corporate Finance and Product Market Competition (Spring 2012)

January 15, 2022