

BERNHARD GANGLMAIR

ZEW – Leibniz Centre for European Economic Research (“ZEW Mannheim”)

Competition and Innovation

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Austrian Citizen, U.S. Permanent Resident; married, one child

CURRENT ACADEMIC POSITIONS

July 2020 – present Associate Professor of Economics – Innovation and Competition
(W2-Professur 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

2019 – present Member, CRC Transregio 224 EPoS, University of Mannheim

2019 – present Board, Mannheim Centre for Competition and Innovation (MaCCI)

2014 – present Associate Editor, *Economic Inquiry*

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

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)

6. “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.
5. “Installment Contracts and Material Breach.” Supreme Court Economic Review, 26, 2018, 1–46.
4. “Efficient Material Breach of Contract.” Journal of Law, Economics, and Organization, 33(3), 2017, 507–540.
3. “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). RAND Journal of Economics, 45(2), 2014, 273–302.
1. “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.

NON PEER-REVIEWED PUBLICATIONS

Edited Volumes and Special Issues

- “Technology Economics: Licensing, Innovation, and Antitrust” (with Greg Werden, Luke Froeb, and Steven Tschantz), September 2020. Chapter 5 in *GAI Report on the Digital Economy*, Arlington, Va.: Global Antitrust Institute. (*forthcoming*)

Studies and Policy Reports

- “Price Markups, Innovation, and Productivity: Evidence from Germany” (with Nadine Hahn, Michael Hellwig, Alexander Kann, Bettina Peters, and Iona Tsanko), July 2020. Volume 8 in *Produktivität für Inklusives Wachstum*, Gütersloh, Germany: Bertelsmann Stiftung.

Policy Briefs, Short Expertises, Blogs

- “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.

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*, American Economic Journal: Microeconomics.

- “The Effect of Patent Litigation Insurance: Theory and Evidence from NPEs” (with Christian Helmers and Brian Love, April 2019), *R&R*, Journal of Law, Economics, and Organization
- “Visibility of Technology and Cumulative Innovation: Evidence from Trade Secrecy Protection Laws” (with Imke Reimers, August 2019)

OTHER WORKING PAPERS

- “Four Decades of Patent Claim Drafting: New Data and Stylized Facts” (with W. Keith Robinson and Michael Seeligson)
- “Strategic Information Disclosure: The Case of Pending Patents” (with Jong-Min Oh, October 2017)
- “Complexity, Standardization, and the Design of Loan Agreements” (with Malcolm Wardlaw, April 2017)

ONGOING RESEARCH

- “Do Trade Secrets Harm Competition?”
- “Keeping a Secret Longer: Evidence from Patent Applications”
- “For Selecting Diversity, Representation is Insufficient”
- “Competition, Innovation, and Productivity: Evidence from Germany”
- “Common Ownership and Information Transmission: Evidence from Patent Applications”
- “Consumer-Centered Price Markups”

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 in Industrial Economics (EARIE), presented by the Conseil de la concurrence, Toulouse (France)
2008	Invitation, Lindau Nobel Laureate Meetings (3rd Meeting in Economic Sciences), Lindau, Germany
2007 – 2008	Research Scholarship, Swiss Federal Commission for Scholarships for Foreign Students (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)
2005 – 2006	Fulbright Scholarship (declined)
2004 – 2007	Ph.D. Research Stipend, German Science Foundation (DFG)

GRANTS

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

- 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 – December 2020, EUR 141,627.60 (with Niklas Dürr and Michael Hellwig)
- 2011 NET Institute. Summer Research Grant, July – September 2011, USD 3,000 (with Emanuele Tarantino)
- 2011 National Bureau of Economic Research, NBER. Research Grant, USD 7,500 (with Emanuele Tarantino)

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

- 2020 ZEW Mannheim: “*The Market for Medical Products and Instruments – Competition 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)
- 2014 Center and Laboratory for Behavioral Operations and Economics at UT Dallas. January – May 2014, USD 4,800 (with Alex Holcomb and Noah Myung)
- 2014 Center 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: 8

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 University School of Law, April
- 2009 Verein für Socialpolitik, presented by Swiss National Bank
- 2009 Royal Economic Society (UK)

RESEARCH CONTRACTS, COMMISSIONED STUDIES

- 2019 “Unternehmenskonzentration und Innovation als Ursache der Produktivitätsschwäche”, Program *Produktivität für inklusives Wachstum*, Bertelsmann Stiftung, Gütersloh, Germany, April – December 2019, EUR 63.813,68 (with Michael Hellwig, Bettina Peters, Achim Wambach)

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), Feb 2007
Columbia University (School of Law, Center of Legal and Economic Studies), Jan – May 2006

INVITED SEMINARS (*: *scheduled*)

2020 University of Marburg, Cornell University (Virtual Strategy Seminar), MINES Paris-Tech, KU Leuven, George Mason University (e-Workshop), German Federal Ministry of Economic Affairs and Energy (BMWi) – research webinar, *University of Portsmouth, *University of Tübingen;
[Sars-CoV-19 postponed]: *NHH Bergen, *University of Graz

2019 MPI for Innovation and Competition (Munich), University of Düsseldorf (DICE)

2018 University of Nebraska - Lincoln, Cornerstone Research (Boston), Centre for European Economic Research (ZEW), 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*)

2020 *OECD Global Forum on Productivity, Webinar Series – online, December
*Verein für Socialpolitik, Cologne (Germany) – online, September
Workshop “Market Power Trends in Germany and Europe”, Bertelsmann Stiftung and Monopolkommission (Germany) – online, August
Econometric Society World Congress, Milan (Italy) – online, August
NOeG (Austrian Economics Association), Vienna (Austria), February

2019 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, November
 IIOC, 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
 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
- 2011 NBER Conference on Patents, Standards, and Innovation, Tucson, AZ, January
 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
 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
 IIOC, Arlington, VA, May
- 2007 EEA and ESEM, Budapest (Hungary), August
 Royal Economic Society, Warwick (UK), April
- 2006 Verein für Socialpolitik, Bayreuth (Germany), September
 European Society of Population Economics, Verona (Italy), June
 IZA/World Bank Conference Employment and Development, Berlin (Germany), May

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

- MaCCI/EPoS Workshop Economics of Innovation, Frankfurt (Germany), December 9-10, 2020
(with Emanuele Tarantino)
- MaCCI IO Day, Mannheim (Germany), October 9, 2020
- MaCCI/EPoS Virtual IO Seminar (“Privacy and Competition”), April – June 2020
(with Eleftheria Triviza)
- 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), May 10, 2019

TEACHING (*: *scheduled*)

Regular Classroom Teaching:

University of Mannheim	Topics in Competition Economics (M.Sc.)	Spring 2019
	Competition Economics (LL.M.)	Fall 2019
		*Fall 2020
	Innovation Economics (PhD)	Spring 2020
		*Spring 2021
Northeastern University	Innovation Economics (M.Sc./PhD)	Spring 2017
	Information Economics and Game Theory	Spring 2017
University of Texas at Dallas	Business Economics (M.Sc.)	Spring 2011
		Fall 2011
		Spring 2013
		Spring 2014
		Fall 2015
		Spring 2018
	Business Economics (Professional MBA)	Spring 2015
		Spring 2016
	Topics in Industrial Organization (PhD)	Spring 2012
		Spring 2013
Spring 2014		
	Fall 2015	
	Fall 2017	

	Corporate Finance and IO (PhD) (with M. Wardlaw)	Summer 2013
University of Linz	Regulation and Antitrust (M.Sc.)	Summer 2015 Summer 2017
University of Zurich	Advanced Microeconomics 1: Game Theory (<i>Exercises; M.A./M.Sc.</i>)	Fall 2008
	Advanced Microeconomics 2: Microeconomics (<i>Exercises; M.A./M.Sc.</i>)	Spring 2008 Spring 2009

Summer Schools and Workshops:

European Policy for Intellectual Property (EPIP), Zurich (Switzerland)	September 2019
Competition and Innovation Summer School (CISS), Ulcinj (Montenegro)	May 2019

PhD Advising:

Jong-Min Oh (<i>committee member</i>) University of Texas at Dallas, Naveen School of Management First placement: University of Central Florida, Finance	Defended: July 2015
Sneha Bakshi (<i>committee member</i>) University of Texas at Dallas, Department of Economics First placement: University of Texas at Arlington (visiting)	Defended: May 2015
Seong Byun (<i>committee member</i>) University of Texas at Dallas, Naveen School of Management First placement: University of Mississippi, Finance	Defended: July 2014

REFEREEING

Journals:	American Law and Economics Review; B.E. Journal of Theoretical Economics (2); Economic Inquiry (26); Economics Letters; European Economic Review (4); International Economic Review; International Journal of the Economics of Business; International Journal of Industrial Organization (4); 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; Review of Industrial Organization; Scandinavian Journal of Economics; Social Choice and Welfare; Southern Economic Journal
Conferences:	MaCCI Annual Conference, 2020 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

L^AT_EX, Stata, Mathematica, R

DEPARTMENT AND UNIVERSITY SERVICE

- Faculty Recruitment Committee
 - + 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)

- 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)

September 23, 2020