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**RESEARCH INTERESTS**

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My research focuses on the innovation strategy of firms under competition. With this, I study topics in strategic management and the economics of innovation, interlinked with topics in industrial organization, science, and human capital. I employ thoughtful empirical strategies based on unique large-scale datasets, supported by machine learning methods.

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**ACADEMIC POSITIONS**

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<b>Bocconi University</b> <i>Assistant Professor at Department of Management and Technology</i>	Milan, Italy 2023 –
<b>Boston University</b> <i>Postdoctoral Researcher at Technology &amp; Policy Research Initiative</i>	Boston, MA, USA 2021 – 2023

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**EDUCATION**

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<b>Max Planck Institute for Innovation and Competition &amp; University of Munich</b> <i>Dr. oec. publ. (Ph.D. in Economics), summa cum laude</i> <i>Committee: Dietmar Harhoff, Fabian Waldinger, Matt Marx</i>	Munich, Germany 2016 – 2021
<b>University of Bonn</b> <i>Master of Science in Economics</i>	Bonn, Germany 2013 – 2016
<b>University of Heidelberg</b> <i>Bachelor of Science in Economics</i>	Heidelberg, Germany 2010 – 2013

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**ACADEMIC VISITS**

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<b>University of Maryland</b> <i>Virtual Visiting Student, Host: Serguey Braguinsky (Robert H. Smith School of Business)</i>	College Park, MD, USA Fall 2020
<b>Boston University</b> <i>Visiting Scholar, Host: Jeff Furman (Questrom School of Business)</i>	Boston, MA, USA Fall 2019
<b>National University of Singapore</b> <i>Visiting Student (Department of Economics)</i>	Singapore Fall 2012

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**EXPERIENCE**

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<b>Organisation for Economic Co-operation and Development (OECD)</b> <i>Internship at Directorate of Employment, Labor and Social Affairs, Social Policy Division</i>	Paris, France Spring 2015
<b>IZA Institute of Labor Economics Research</b> <i>Research Assistant</i>	Bonn, Germany 2013 – 2016

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**TEACHING**

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<b>Bocconi University</b> <i>Data-Driven Analysis and Decision-Making in Business (BS); Business Economics (MS)</i>	Milan, IT Spring 2024
<b>Boston University</b> <i>Teaching Assistant, MBA class “Technology Strategy” (Questrom School of Business)</i>	Boston, MA, USA Fall 2022
<b>Harvard University</b> <i>Instructor Sophomore Tutorial “Economics of Innovation” - Distinction in Teaching Certificate</i>	Boston, MA, USA Spring 2022
<b>University of Bonn</b> <i>Teaching Assistant - Microeconomics</i>	Bonn, Germany Fall 2013

## RESEARCH

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### PEER-REVIEWED PUBLICATIONS

1. Poege, F., Harhoff, D., Gaessler, F., Baruffaldi, S. (2019): “Science Quality and the Value of Inventions”, *Science Advances*. [↗](#)
2. Pacifico, D. and Poege, F. (2017): “Estimating Measures of Multidimensional Poverty in Stata”, *Stata Journal*. [↗](#)

### WORKING PAPERS

1. Competition and Innovation: The Breakup of IG Farben (single-authored), [↗](#)
  - *Rej&R at American Economic Review*
  - Media coverage: FAZ [↗](#) Commentary: ProMarket [↗](#) FinReg [↗](#)
2. Like Stars: How Firms Learn at Scientific Conferences (with Baruffaldi, S.), [↗](#)
  - *Accepted at Management Science*
3. Profit Taxation, R&D Spending and Innovation (with Lichter, A., Loeffler, M., Isphording, I., Nguyen, T.-V. and Sieglösch, S.) [↗](#)
  - *Conditionally Accepted at American Economic Journal: Economic Policy*
  - Commentary: VoxEU [↗](#)
4. Filling the Gap: The Consequences of Collaborator Loss in Corporate R&D (with Gaessler, F., Hoisl, K., Harhoff, D. and Dorner, M.) [↗](#)
  - *R&R at Management Science*
5. Competing for Talent: Large Firms and Startup Growth (with Bessen, J. and Roettger, R.) [↗](#)

### IN PROGRESS

6. Valuing Pharmaceutical Patent Thickets (with Simcoe, T. and McKeon, J.) [↗](#)

### OTHER

7. Poege, F. (2022): “Competition and Innovation: The Breakup of IG Farben” (Articles at ProMarket [↗](#) and FinReg [↗](#))
8. Poege, F. (2021): Corporate Innovation: The Role of Scientific Discoveries, Taxation and Antitrust (Doctoral Thesis)
9. Lichter, A., Löffler, M., Isphording, I., Nguyen, T.-V., Poege, F. and Sieglösch, S. (2021): “Higher profit taxes reduce firms’ R&D activities”, VoxEU (Commentary). [↗](#)
10. Poege, F., Harhoff, D., Gaessler, F., Baruffaldi, S. (2020): “Excellence breeds invention”, Research Europe, Issue 510 (Commentary). [↗](#)
11. Dorner, M., Gaessler, F., Harhoff, D., Hoisl, K., and Poege, F. (2018): “Linked Inventor Biography Data 1980-2014”, FDZ Data Report, No. 03/2018. [↗](#)

### AWARDS, FELLOWSHIPS, AND GRANTS

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ICRIOS at Bocconi University <i>Invernizzi Center for Research on Innovation, Organization, Strategy and Entrepreneurship - Fellow</i>	<i>2023-Present</i>
Max Planck Institute for Innovation and Competition <i>Affiliated Research Fellow</i>	<i>2023-Present</i>
IZA Institute of Labor Economics Research <i>Affiliate/Fellow</i>	<i>2017-Present</i>
Departmental Grant <i>40,000€, with A. Kapacinskaite (lead), N. Dutt, A. Fosfuri</i>	<i>2023</i>
Otto Hahn Medal <i>7500€ Dissertation award of the Max Planck Society</i>	<i>2022</i>
Boston University UROP Matching Grant <i>540\$ Grant to finance an undergraduate RA</i>	<i>2022</i>

Best Paper Proceeding at AOM conference, finalist for TIM Best Paper Award <i>For: "Filling the Gap: Firm Strategies for Human Capital Loss"</i>	2020
EPIP Best Paper Award for Young Researchers <i>500€, for: "A Firm Scientific Community"</i>	2018
German National Academic Foundation (Studienstiftung des deutschen Volkes) <i>Merit-based Scholarship</i>	2012 – 2015
Scholarship of the Federal Republic of Germany (Deutschlandstipendium) <i>Merit-based Scholarship</i>	2011 – 2012
Collaborative Research Center Transregio "Rationality and Competition" (CRC TRR 190) <i>Co-opted member</i>	2021

## PRESENTATIONS

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**2024:** University of Zurich\*; University of Luxembourg\*; University of Oslo\*; 9th Summer School on Data and Algorithms for Science, Technology & Innovation Studies (Confirmed participant on CfP)\*; AOM\*; DRUID\*; BSE Summer Forum Entrepreneurship\*; ESMT workshop on computational chemistry and R&D trajectories

**2023:** Boston University; HBS Junior Innovation Economics Conference; Bristol Economics of Innovation Workshop; Università Cattolica del Sacro Cuore

**2022:** REER; University of Cambridge; AOM; CEPR/JIE Conference+School on Applied Industrial Organization; IIOC; NBER Productivity Seminar; Boston University; IP and Innovation Virtual Seminar; ICEA Taxation and Innovation conference

**2021:** EPFL Virtual Innovation Seminar; Düsseldorf Institute for Competition Economics; Technical University of Munich; CRC Retreat and Summer School; Munich Summer Institute (Poster); European Association for Research in Industrial Organization (EARIE) conference; Boston University; Economic History Association Meeting; German Economic Association; LMU Munich

**2020:** U Maryland; SKEMA; European Economic Association; Academy of Management; German Economic Association; University of Mannheim; LMU Munich

**2019:** TPRI; Boston University; University of Utah; LMU Munich; Academy of Management; ZEW Innopat; Spring Meeting of Young Economists; Innovation, Technological Change and International Trade Workshop Heilbronn, Munich Young Economist Meeting

**Prior:** LMU Munich (3x); EPIP; Geography of Innovation Conference; EBE Summer Meeting; RISE Junior Researcher Workshop

\* Scheduled

## SERVICE

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**Reviewer:** Management Science, Quarterly Journal of Economics, American Economic Review, Review of Economics and Statistics, Journal of Economics & Management Strategy, Research Policy, Industry and Innovation, International Tax and Public Finance, Economics of Innovation and New Technology, Journal of Economic Inequality, Stata Journal, Journal of World Intellectual Property; National Science Foundation; SMYE and AOM conferences

**Organizer:** RISE Junior Researcher Workshop, WOEPSR

**Other:** Doctoral student representative (Informal, within department at MPI, 2018-2021)

## MISC

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**Citizenship:** USA, Germany

**Personal:** Born 13.03.1992. Married

**Languages:** English (Fluent), German (Native), Chinese (Intermediate), Italian (Basic)

**Programming:** Stata, Python, SQL, R, Java

## REFERENCES AVAILABLE UPON REQUEST

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