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Research and Teaching Interests

Economics of Innovation, Empirical Industrial Organization, Economics of Digitization, Applied Microeconomics

Current Positions and Affiliations

10.2017-present	Researcher at ZEW – Leibniz Centre for European Economic Research, Mannheim Department of Innovation Economics and Industrial Dynamics
10.2017-present	PhD student at KU Leuven Department of Managerial Economics, Strategy and Innovation (MSI) Supervisor Prof. Dr. Dirk Czarnitzki
10.2017-present	Student Member of MaCCI - Mannheim Centre for Competition and Innovation

Past Positions and Affiliations

08.2022	Visiting Scholar at Hoover Institution, Stanford University invited by Kenneth L. Judd
01.2022-05.2022	Visiting Scholar at Pennsylvania State University Department of Economics, invited by Prof. Mark Roberts
8.2021	Visiting Scholar at University of Ghent Department of Marketing, Innovation and Organisation, invited by Prof. Maikel Pellens
2019	External Lecturer at Baden-Wuerttemberg Cooperative State University, Advanced Microeconomics (undergraduate level)
2015-2016	Research Assistant at GESIS - Leibniz-Institute for the Social Sciences

Education

2017-present	PhD in Business Economics at KU Leuven Department of Managerial Economics, Strategy and Innovation (MSI)
2019-2020	Visiting Student at University of Mannheim Department of Economics
2016-2017	Master of Science in Economics at KU Leuven Major: Research in Economics (cum laude)
2013-2016	Bachelor of Science in Economics at University of Mannheim

Research

Discussion Papers and Research in Progress

- Carbon Pricing and Innovation: The Impact of the European Carbon Trading System
- Choosing Technologies: Benefits of Investing into the Development of Fourth Industrial Revolution Related Technologies, *with Bettina Peters*, [Link](#)
- Efficient Estimation of Likelihood Ratio Confidence Sets, *with Kenneth L. Judd and Gregor Reich*
- Competition from China in the Product and Input Markets and Innovation in Germany, *with Philipp Böing, Pierre Mohnen, and Loren Brandt*
- Pandemic Effects: Do Innovation Activities of Firms Suffer from Long-COVID?, *with Bettina Peters, Dirk Czarnitzki, and Christian Rammer*, [Link](#)
- Measuring Organisation Capital at the Firm Level: A Production Function Approach, *with Christian Rammer and Felix Roth*, ZEW Discussion Paper, [Link](#)
- Industry 4.0 Related Innovation and Firm Growth, *with Vanessa Behrens*, ZEW Discussion paper, [Link](#)

Contract Research and Projects

- Focus Study on Technology markets (Schwerpunktstudie Technologiemarkte) 2023 [Link](#), *Commission of Experts for Research and Innovation*
- Growth Welfare Innovation and Productivity (GROWINPRO), *European Commission*
- Mannheim Innovation Panel: Innovation Activities of German Enterprises, *German Ministry for Education and Research*
- Swiss Report on Research and Innovation 2018, *Swiss State Secretariat for Education, Research, and Innovation*
- Investments in New Forms of Knowledge-Based Capital (INFOWIK), *German Ministry for Education and Research*.
- Innovation Activity of Companies in East Germany since Reunification (Innovationstätigkeit der Unternehmen in Ostdeutschland seit der Wiedervereinigung), *Commission of Experts for Research and Innovation*

- Development of Research and Development Expenditure in Germany in an International Comparison (Entwicklung der Forschungs- und Entwicklungsausgaben in Deutschland im internationalen Vergleich), *KfW - Credit Institute for Reconstruction*

Dissemination

- News article in German business news magazin **Wirtschafts Woche** on *Pandemic Effects* study (14.4.2023), [Link](#)
- **WIPO GII Report** 2022 Chapter - Expert Contribution: Productivity impact of the Fourth Industrial Revolution, with Bettina Peters, [Link](#)

Conference Organisation

- 9th ZEW/MaCCI Conference on the Economics of Innovation and Patenting (Mannheim, Germany), 2022
- 8th ZEW/MaCCI Conference on the Economics of Innovation and Patenting (Mannheim, Germany), 2019

Research Presentations

- 50th EARIE Annual Conference (Rome, Italy), 2023
- 28th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) (Limassol, Cyprus), 2023
- DRUID Conference (Lisbon, Portugal), 2023
- 19th CEPR/JIE School on Applied Industrial Organization (Cambridge, England), 2023
- Poster presentation at Munich Summer Institute (Munich, Germany), 2023
- 11th Mannheim Conference on Energy and the Environment (Mannheim, Germany), 2023
- Invited presentation in the CIS seminar series, BETA, University of Strasbourg, 2023
- 9th ZEW/MaCCI Conference on the Economics of Innovation and Patenting (Mannheim, Germany), 2022
- Munich Summer Institute Ph.D Workshop (Munich, Germany), 2022
- Eu-SPRI conference (Utrecht, Netherlands), 2022
- International Industrial Organization Conference (Boston, USA), 2022
- IP and Innovation Virtual Seminar (online), 2022
- Applied Microeconomics Seminar Pennsylvania State University (State College, USA), 2022
- CONCORDi Conference (online), 2021
- 17th CAED Conference (Coimbra, Portugal), 2021
- DRUID Conference (Copenhagen, Denmark), 2021

- 16th European Policy for Intellectual Property Conference (EPIP) - PhD Workshop (Madrid, Spain), 2021
- 48th EARIE Annual Conference (Bergen, Norway), 2021
- 18th ISS - International Schumpeter Society Conference (Rome, Italy (online)), 2021
- 9th KID 2021 Summerschool on Knowledge Dynamics, Industry Evolution, Economic Development (Nice, France), 2021
- MaCCI IO Day at University of Mannheim (Mannheim, Germany (online)), 2021
- ZEW - Joint PhD Workshop on Innovation, Entrepreneurship and Competition (online), 2020
- 8th PhD Workshop Economics of Innovation, Complexity and Knowledge (Turin, Italy (online)), 2020
- CISS, 9th Competition and Innovation Summer School (Ulcinj, Montenegro), 2019
- CISS, 8th Competition and Innovation Summer School (Ulcinj, Montenegro), 2018

Referee for Journals

Research Policy, European Journal of Political Economy, Industry and Innovation, Eurasian Business Review

Other

- YES! - Young Economic Summit, 2018-2019, leading student teams in preparation and competition