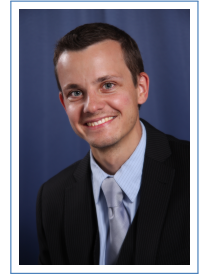


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Curriculum Vitae

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Current Positions

- since 2010 **W3-Professor for Empirical Economics (Chair) at the University of Bayreuth**

- since 2024 **Associate at WIFO, Vienna**
- since 2017 **Scientific Advisor at CEPPI, Paris**
- since 2017 **Member of the Scientific Board of the Midwest International Economics Group**
- since 2015 **Member of the Standing Field Committee in International Economics of the German Economic Society (“Verein für Socialpolitik”)**
- since 2013 **Study Program Coordinator of the Bachelor of Economics at the University of Bayreuth**
- since 2010 **Research Professor of the ifo Center for International Economics at the ifo Institute - Leibniz Institute for Economic Research at the University of Munich**
- since 2010 **External Fellow of the Nottingham Centre for Research on Globalisation and Economic Policy (GEP)**
- since 2007 **CESifo Research Network Fellow**

- since 2022 **Member of the Advisory Board of the journal *The World Economy***
- since 2017 **One of the Managing Editors of the journal *International Economics***
- since 2016 **One of the Managing Editors of the journal *German Economic Review***

Previous Positions

- 2009–2010 **Interim Director of the International Trade and Foreign Direct Investment Department at the ifo Institute for Economic Research at the University of Munich**
- 2005–2009 **Research Assistant at the ifo Institute for Economic Research at the University of Munich in the International Trade and Foreign Direct Investment Department**
- 2004–2006 **Postdoctoral Researcher, Tinbergen Institute and Erasmus University, RTN-Project “Trade, Industrialization, and Development”, under the supervision of Prof. Dr. Joseph Francois**
- 2001–2005 **Research Assistant at the University of Innsbruck in the Economics Department**
- 2001 **Practical training in credit risk controlling at the GZ-Bank in Frankfurt am Main (Germany)**
- 1997–2001 **Tutor for Micro- and Macroeconomics at the University of Innsbruck**
- 2017–2025 **Member of the Editorial Board of the journal *Empirical Economics***
- 2015–2017 **Member of the Editorial Board of *International Economics***

Education and Academic Background

- 2005–2009 **Postdoctoral Lecture Qualification (Finalization with the adjudication of the *Facultas docendi* in Economics), Ludwig-Maximilians-University of Munich, Munich, Germany**
- 2001–2004 **PhD in Economics (with distinction), University of Innsbruck, Innsbruck, Austria**
- 1995–2002 **Diploma in Business Administration, University of Innsbruck, Innsbruck, Austria**
- 1997–2001 **Diploma in Economics (with distinction), University of Innsbruck, Innsbruck, Austria**
- 1995–2001 **Diploma in Law, University of Innsbruck, Innsbruck, Austria**
- 1990–1995 **Commercial Academy (with distinction), Hall in Tyrol, Austria**

Research Interests

- ▷ Theoretical and Empirical International Trade.
- ▷ Microeconometrics (Panel Econometrics, Count Data Models).

▷ Spatial Econometrics.

Papers in Refereed Journals

- [81] The Dawn of Civilization: Metal Trade and the Rise of Hierarchy (with Matthias Flückiger, Markus Ludwig and Luigi Pascali), **American Economic Review**, forthcoming.
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- [79] The Granular Trade and Production Activities (GRANTPA) Database (with Sebastien Bradley, Javier Flórez and Yoto V. Yotov), **World Trade Review**, forthcoming.
- [78] Estimating Gravity Equations: Theory Implications, Econometric Developments, and Practical Recommendations (with Serge Shikher and Yoto V. Yotov), **Review of International Economics** 33, 2025, pp. 1066–1092.
- [77] Unlocking New Methods to Estimate Country-Specific Effects and Trade Elasticities with the Structural Gravity Model (with Rebecca Freeman, Angelos Theodorakopoulos and Yoto V. Yotov), **Journal of Applied Econometrics** 40, 2025, pp. 669–684.
- [76] Spain, Split and Talk: Quantifying Regional Independence (with Hanna L. Adam and Jordi Paniagua), **Regional Studies** 59(1), 2025.
- [75] Deep Trade Agreements and FDI in Partial and General Equilibrium: A Structural Estimation Framework (with Yoto V. Yotov), **World Bank Economic Review** 39(2), 2025, pp. 281–307.
- [74] On the Trade Effects of GATT/WTO Membership: They are Positive and Large After All (with José Antonio Monteiro, Roberta Piermartini and Yoto V. Yotov), **Canadian Journal of Economics** 58(1), 2025, pp. 281–328.
- [73] Estimating the Effects of Trade Agreements: Lessons From 60 Years of Methods and Data (with Yoto V. Yotov), **The World Economy** 47(5), 2024, pp. 1771–1799.
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- [71] The Consequences of Non-participation in the Paris Agreement (with Joschka Wanner), **European Economic Review** (104699), 2024.
- [70] On the Heterogeneous Trade and Welfare Effects of GATT/WTO Membership (with Gabriel Felbermayr, Erdal Yalcin and Yoto V. Yotov), **Review of World Economics** 160, 2024, pp. 983–1008.

- [69] Quantifying the Partial and General Equilibrium Effects of Sanctions on Russia (with Lisandra Flach, Inga Heiland, Marina Steininger and Feodora Teti), **Review of International Economics** 32(1), 2024, pp. 281-323.
- [68] Institutions, Trade and Development: A Quantitative Analysis (with Cosimo Beverelli, Alexander Keck and Yoto V. Yotov), **Oxford Economic Papers** 76(2), 2024, pp. 469-494.
- [67] A Simple Method to Ex-ante Quantify the Unobservable Effects of Trade Liberalization and Trade Protection (with Shawn W. Tan and Yoto V. Yotov), **Journal of Comparative Economics** 51(4), 2023, pp. 1200-1213.
- [66] Trade Agreements and Subnational Income of Border Regions (with Hanna L. Adam and David Stadelmann), **Economic Inquiry** 61(4), 2023, pp. 1034-1052.
- [65] The European Carbon Border Adjustment Mechanism: A Small Step in the Right Direction (with Niko Korpar and Roman Stöllinger), **International Economics and Economic Policy** 20, 2023, pp. 95-138.
- [64] Quantifying the Impact of Economic Sanctions on International Trade in the Energy and Mining Sectors (with Serge Shikher, Constantinos Syropoulos and Yoto V. Yotov), **Economic Inquiry** 60(3), 2022, pp. 1038-1063.
- [63] Economic Determinants of Regional Trade Agreement Revisited Using Machine Learning (with Simon Blöthner), **Empirical Economics** 63, 2022, pp. 1771-1807.
- [62] Gender Inequality in the Aftermath of Negative Trade Shocks: Evidence from the U.S. (with Ishan Ghosh, Irina Murtazashvili and Yoto V. Yotov), **Economica** 89(355), 2022, pp. 564-591.
- [61] Gravity Estimations with Interval Data: Revisiting the Impact of Free Trade Agreements (with Peter H. Egger and Yoto V. Yotov), **Economica** 89(353), 2022, pp. 44-61.
- [60] Disaggregated Gravity: Benchmark Estimates and Stylized Facts from a New Database (with Ingo Borchert, Serge Shikher and Yoto V. Yotov), **Review of International Economics** 30(1), 2022, pp. 113-136.
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- [54] Transitional Growth and Trade with Frictions: A Structural Estimation Framework (with James E. Anderson and Yoto V. Yotov), **The Economic Journal** 130(630), 2020, pp. 1583-1607.
- [53] Trade and Investment in the Global Economy: A Multi-country Dynamic Analysis (with James E. Anderson and Yoto V. Yotov), **European Economic Review** 120, 2019, Article 103311.
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- [23] Income and Democracy: Evidence from System GMM Estimates (with Benedikt Heid and Julian Langer), **Economics Letters** 116(2), 2012, pp. 166-169.
- [22] Endogenous Labor Market Institutions in an Open Economy (with Gabriel Felbermayr and Wolfgang Lechthaler), **International Review of Economics and Finance** 23, 2012, pp. 30-45.
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- [10] Endogenous Tariffs in the Presence of Multinationals, **Journal of Institutional and Theoretical Economics** 164(3), 2008, pp. 534-567.
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- [8] Performance Contest between MLE and GMM for Huge Spatial Autoregressive Models (with Gottfried Tappeiner and Janette Walde), **Journal of Statistical Computation and Simulation** 78(2), 2008, pp. 151-166.
- [7] The Multinationalization of the Transport Sector, **Journal of Policy Modeling** 29(3), 2007, pp. 397-416.
- [6] Knowledge-Capital Meets New Economic Geography (with Peter H. Egger, Stefan Gruber and Michael Pfaffermayr), **Annals of Regional Science** 41(4), 2007, pp. 857-875.
- [5] Bilateral versus Multilateral Trade and Investment Liberalization (with Peter H. Egger and Michael Pfaffermayr), **The World Economy** 30(4), 2007, pp. 567-596.

- [4] On the Welfare Effects of Trade and Investment Liberalization (with Peter H. Egger and Michael Pfaffermayr), **European Economic Review** 51(3), 2007, pp. 669-694.
- [3] The Home Market Effect in Models with Multinational Enterprises, **Review of International Economics** 15(1), 2007, pp. 62-74.
- [2] The Impact of Endogenous Tax Treaties on Foreign Direct Investment: Theory and Evidence (with Peter H. Egger, Michael Pfaffermayr and Hannes Winner), **Canadian Journal of Economics** 39(3), 2006, pp. 901-931. Reprinted in Sauvant, Karl P. and Lisa E. Sachs (2009), *The Effects of Treaties on Foreign Direct Investment: Bilateral Investment Treaties, Double Taxation Treaties, and Investment Flows*, Oxford University Press, Oxford.
- [1] Multilateral Trade and Investment Liberalization: Effects on Welfare and GDP per Capita Convergence (with Peter H. Egger and Michael Pfaffermayr), **Economics Letters** 84(1), 2004, pp. 133-140.

Papers in Academic Volumes and Other Publications

- [22] Organising Knowledge from Text: Prompt-based Triple Extraction and Graph Enrichment with Large Language Models (with Durgesh Nandini, Simon Blöthner, and Mirco Schönfeld), in: 29th International Conference on Theory and Practice of Digital Libraries, TPDL, 2025, https://tpdl2025.github.io/Program/accepted_papers.html and Wolf-Tilo Balke, Koraljka Golub, Yannis Manolopoulos, Kostas Stefanidis, and Zheyang Zhang, editors, *Linking Theory and Practice of Digital Libraries*, 53–70. Cham, 2026. Springer Nature Switzerland. doi:10.1007/978-3-032-05409-8_5.
- [21] Multidimensional Knowledge Graph Embeddings for International Trade Flow Analysis (with Durgesh Nandini, Simon Blöthner, and Mirco Schönfeld), in: 16th International Conference on Knowledge Engineering and Ontology Development, KEOD, 63–73. INSTICC, SciTePress, 2024, <https://www.scitepress.org/Link.aspx?doi=10.5220/0013028500003838>.
- [20] Spain, Split and Talk: Quantifying Regional Independence (with Hanna L. Adam and Jordi Paniagua), European Centre for International Political Economy (ECIPE) blog, 2024, <https://ecipe.org/insights/spain-split-and-talk-quantifying-regional-independence/>.
- [19] Quantifying the Full Impact of Country-specific Policies on Trade Flows (with Rebecca Freeman, Angelos Theodorakopoulos, and Yoto V. Yotov), January 12, 2022, VoxEU column, <https://voxeu.org/article/quantifying-full-impact-country-specific-policies-trade-flows>.

- [18] Trade Effects of WTO: They're Real and They're Spectacular (with José-Antonio Monteiro, Roberta Piermartini, and Yoto V. Yotov), November 20, 2019, VoxEU column, <https://voxeu.org/article/trade-effects-wto>.
- [17] How Roman Transport Network Connectivity Shapes Economic Integration (with Matthias Flückiger, Erik Hornung, Markus Ludwig and Allard Mees), August 27, 2019, VoxEU column, <https://voxeu.org/article/how-roman-transport-network-connectivity-shapes-economic-integration>.
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- [7] Bilaterale Entwicklungszusammenarbeit und Export- und Arbeitsplatzeffekte im Geberland – das Beispiel Deutschland (with Jutta Albrecht, Stephan Klasen, Inmaculada Martinez-Zarzoso, Bernd Meyer, Felicitas Nowak-Lehmann Danzinger and Rigmar Osterkamp), Report on behalf of the German Federal Ministry of Economic Cooperation and Development, 2007.
- [6] Exportentwicklung und Exportpotenziale der bayerischen Außenwirtschaft (with Gernot Nerb and Rigmar Osterkamp), Report on behalf of the Bavarian State Ministry for Economic Affairs, Infrastructure, Transport, and Technology, ifo Forschungsberichte 39, ifo Institute for Economic Research, Munich, 2007.
- [5] Tu felix Austria: Wachstums- und Beschäftigungspolitik in Österreich und Deutschland im Vergleich (with Thiess Büttner, Peter H. Egger, Herbert Hofmann, Christian Holzner, Volker Meier, Chang Woon Nam, Rigmar Osterkamp, Rüdiger Parsche and Martin Werding), ifo Forschungsberichte 31, ifo Institute for Economic Research, Munich, 2006.
- [4] Ongoing Multinationalization: Predictions for the Home Market Effect, the Transport Sector and Welfare (Dissertation in Economics; First Supervisor: Univ.-Prof. Dr. Michael Pfaffermayr; Second Supervisor: A. Univ.-Prof. Dr. Hannes Winner), Innsbruck, 2004.
- [3] The Monetary Transmission Mechanism in Austria and Switzerland (with Gudrun Eder) (Diploma Thesis in Economics; Supervisor: Univ.-Prof. Dr. John-ren Chen), Innsbruck, 2001, awarded the Prize of the Chamber of Commerce of Tyrol for the Social Sciences.
- [2] Credit Market Imperfections and the Risk Free Rate of Return (Diploma Thesis in Business Administration; Supervisor: Univ.-Prof. Dr. Burkhard Heer), Innsbruck, 2001.
- [1] Inkompatibilitätsprobleme des Abschlußprüfers (Diploma Thesis in Law; Supervisor: Univ.-Prof. Dr. Günter Roth), Innsbruck, 2000.

Honors, Awards and Grants

- 2024 **Winner of *The Corden Prize*** (together with Yoto V. Yotov) for the paper “Estimating the Effects of Trade Agreements: Lessons from 60 Years of Methods and Data” from *The World Economy* (<https://onlinelibrary.wiley.com/doi/full/10.1111/twec.13715>)
- 2023 **Grant for the Project “*International Environmental Agreements: Determinants, Interlinkages, and Impacts*”** financed by the German Research Foundation (DFG) under grant No. 697310 (about 168,000 Euros)

- 2022 Grant for the Project “*Network Embedding for Economic Questions – Consideration of Contextual Factors and Structural Conditions in a Dynamic Framework (KONECO)*” (together with Mirco Schönfeld) financed by the German Federal Ministry of Education and Research (BMBF) under grant No. 16DKWN095 (about 590,000 Euros)
- 2018 Best Conference Paper Award at the 11th FIW Research Conference “International Economics” for the paper “Trade, Fossil Fuel Supply, and Leakage: The Consequences of Unilateral Withdrawals from the Paris Agreement”
- 2014 Travel-Grant for the Project “*Trade, Growth, and Development: A Structural Approach*” financed by the Fritz Thyssen Stiftung under grant No. Az. 50.14.0.013 for a ten-week research visit at Drexel University, Philadelphia
- 2012 Grant for the Project “*Gravity with Unemployment: Empirical Analysis of the Effects of International Trade in the Presence of Labor Market Imperfections*” financed by the German Research Foundation (DFG) under grant No. 592405 (about 230,000 Euros)
- 2010 Young Economist Award of the Austrian Economic Association (NOeG)
- 2008 Best Paper Award of the “Research Center International Economics (FIW)” for the paper presented at the annual conference 2008 of the FIW
- 2007 Award of the “Gesellschaft zur Förderung der wirtschaftswissenschaftlichen Forschung (Freunde des ifo Instituts) e.V.” for exceptional scientific contributions in the area of empirical economics
- 2006 Invitation to participate in the 2nd Meeting of Winners of the Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel in Lindau, Germany
- 2004, 2005 Prize of the “Verein für Socialpolitik” for presentations at scientific conferences
- 2002 Award of the Chamber of Commerce of Tyrol for the Social Sciences

Working Papers

- [85] Theory-Consistent Tariff Aggregation (with James E. Anderson, Serge Shikher and Yoto V. Yotov), CESifo Working Paper No. 12902, 2026.

- [84] Fast Estimation of Linear and Poisson Models with High-Dimensional Fixed Effects in Python: The FastHDFE package (with Mirco Schoenfeld and Serge Shikher), EPub Bayreuth (doi: https://doi.org/10.15495/EPUB_UBT_00009520), 2026.
- [83] Instrumental-Variable Poisson PML with High-Dimensional Fixed Effects (with Ohyun Kwon, Jangsu Yoon and Yoto V. Yotov), CESifo Working Paper No. 12641, 2026.
- [82] Instrumental-Variable Poisson PML with High-Dimensional Fixed Effects (with Ohyun Kwon, Jangsu Yoon and Yoto V. Yotov), CGPA Working Paper 2026-11, 2026.
- [81] Sticky Gravity (with Dennis Novy and Leandro Navarro), CEP/LSE Discussion Paper No. 2171, 2026.
- [80] Sticky Gravity (with Dennis Novy and Leandro Navarro), RFBerlin Discussion Paper No. 116/26, 2026.
- [79] Sticky Gravity (with Dennis Novy and Leandro Navarro), CEPR Discussion Paper No. DP21359, 2026.
- [78] Sticky Gravity (with Dennis Novy and Leandro Navarro), CESifo Working Paper No. 12599, 2026.
- [77] Sticky Gravity (with Dennis Novy and Leandro Navarro), CAGE Working Paper No. 800, 2026.
- [76] The Economic Consequences of Democratic Backsliding: Evidence from U.S. States (with Vanessa Boese-Schlösser, Rodolphe Desbordes and Markus Eberhardt), CEPR Discussion Paper No. DP20874, 2025.
- [75] ANOVA-HDFE: Fast Variance Decomposition with High-Dimensional Fixed Effects and an Application to Trade Flows (with Hanna L. Adam and Michael Nower), CESifo Working Paper No. 12055, 2025.
- [74] Do What you Know and Leave the Rest to the Experts: Quantifying the Gains from Efficient Trade (with Philipp Meinen, Arne J. Nagengast and Yoto V. Yotov), Discussion Paper Deutsche Bundesbank No. 15/2025, 2025.
- [73] A Democratic Dividend in Trade? Evidence from a Flexible Empirical Implementation (with Rodolphe Desbordes and Markus Eberhardt), CESifo Working Paper No. 11735, 2025.
- [72] The Granular Trade and Production Activities (GRANTPA) Database (with Sebastien Bradley, Javier Flórez and Yoto V. Yotov), wiiw Working Paper 248, 2024.
- [71] The Granular Trade and Production Activities (GRANTPA) Database (with Sebastien Bradley, Javier Flórez and Yoto V. Yotov), Drexel Economics Working Paper Series WP 2024-01, 2024.

- [70] The Dawn of Civilization: Metal Trade and the Rise of Hierarchy (with Matthias Flückiger, Markus Ludwig and Luigi Pascali), CESifo Working Paper No. 10929, 2024.
- [69] Spain, Split and Talk: Quantifying Regional Independence (with Hanna L. Adam and Jordi Paniagua), CESifo Working Paper No. 10742, 2023.
- [68] Estimating the Effects of Trade Agreements: Lessons from 60 Years of Methods and Data (with Yoto V. Yotov), CESifo Working Paper No. 10267, 2023.
- [67] Trade and Welfare Effects of the WTO Trade Facilitation Agreement (with Cosimo Beverelli, Isabella Gourevich, Inga Heiland, Alexander Keck and Yoto V. Yotov), WTO Staff Working Paper ERSD-2023-04.
- [66] Uncertainty in Global Sourcing: Learning, Sequential Offshoring, and Selection Patterns (with Leandro Navarro), CESifo Working Paper No. 10043, 2022.
- [65] Deep Trade Agreements and FDI in Partial and General Equilibrium: A Structural Estimation Framework (with Yoto V. Yotov), CESifo Working Paper No. 9985, 2022.
- [64] Unlocking New Methods to Estimate Country-Specific Trade Costs and Trade Elasticities (with Rebecca Freeman, Angelos Theodorakopoulos and Yoto V. Yotov), CESifo Working Paper No. 9432, 2021.
- [63] Economic Sanctions and Agricultural Trade (with Jeff Luckstead and Yoto V. Yotov), CESifo Working Paper No. 9410, 2021.
- [62] A Simple Method to Quantify the ex-ante Effects of “Deep” Trade Liberalization and “Hard” Trade Protection (with Shawn W. Tan and Yoto V. Yotov), World Bank Policy Research Working Paper No. 9791, 2021.
- [61] Economic Determinants of Regional Trade Agreement Revisited Using Machine Learning (with Simon Blöthner), CESifo Working Paper No. 9233, 2021.
- [60] A Simple Method to Quantify the Ex-Ante Effects of “Deep” Trade Liberalization and “Hard” Trade Protection (with Shawn W. Tan and Yoto V. Yotov), CESifo Working Paper No. 9224, 2021.
- [59] Subnational Income Growth and International Border Effects (with Hanna L. Adam and David Stadelmann), CESifo Working Paper No. 9100, 2021.
- [58] Quantifying the Impact of Economic Sanctions on International Trade in the Energy and Mining Sectors (with Serge Shikher, Constantinos Syropoulos and Yoto V. Yotov), CESifo Working Paper No. 8878, 2021.
- [57] On the Heterogeneous Trade and Welfare Effects of GATT/WTO Membership (with Gabriel Felbermayr, Erdal Yalcin and Yoto V. Yotov), CESifo Working Paper No. 8555, 2020.

- [56] Gravity-Model Estimation with Time-Interval Data: Revisiting the Impact of Free Trade Agreements (with Peter H. Egger and Yoto V. Yotov), CESifo Working Paper No. 8553, 2020.
- [55] The Consequences of Unilateral Withdrawals from the Paris Agreement (with Joschka Wanner), CESifo Working Paper No. 7804, 2019.
- [54] Roman Transport Network Connectivity and Economic Integration (with Matthias Flückiger, Erik Hornung, Markus Ludwig and Allard Mees), CESifo Working Paper No. 7740, 2019.
- [53] On the Effects of GATT/WTO Membership on Trade: They are Positive and Large After All (with José Antonio Monteiro, Roberta Piermartini and Yoto V. Yotov), CESifo Working Paper No. 7721, 2019.
- [52] On the Effects of GATT/WTO Membership on Trade: They are Positive and Large After All (with José Antonio Monteiro, Roberta Piermartini and Yoto V. Yotov), WTO Staff Working Paper ERSD-2019-09, 2019.
- [51] Roman Transport Network Connectivity and Economic Integration (with Matthias Flückiger, Erik Hornung, Markus Ludwig and Allard Mees), CEPR Discussion Paper DP13838, 2019.
- [50] A Tale of (Almost) 1001 Coefficients: Deep and Heterogeneous Effects of the EU-Turkey Customs Union (with Aiko F. Schmeißer and Joschka Wanner), CESifo Working Paper No. 7498, 2019.
- [49] Institutions, Trade and Development: A Quantitative Analysis (with Cosimo Beverelli, Alexander Keck and Yoto V. Yotov), CESifo Working Paper No. 6920, 2018.
- [48] Estimating the Effects of Nondiscriminatory Trade Policies within Structural Gravity Models (with Benedikt Heid and Yoto V. Yotov), CESifo Working Paper No. 6735, 2017.
- [47] Can Degrowth Overcome the Leakage Problem of Unilateral Climate Policy? (with Markus Löning and Joschka Wanner), CESifo Working Paper No. 6633, 2017.
- [46] Trade and Investment in the Global Economy (with James E. Anderson and Yoto V. Yotov), NBER Working Paper No. 23757, 2017.
- [45] Trade and Investment in the Global Economy (with James E. Anderson and Yoto V. Yotov), CESifo Working Paper No. 6625, 2017.
- [44] The Currency Union Effect: A PPML Re-assessment with High-Dimensional Fixed Effects (with Joschka Wanner, Yoto V. Yotov and Thomas Zylkin), CESifo Working Paper No. 6464, 2017.
- [43] General Equilibrium Trade Policy Analysis with Structural Gravity (with Yoto V. Yotov), CESifo Working Paper No. 6020, 2016.
- [42] General Equilibrium Trade Policy Analysis with Structural Gravity (with Yoto V. Yotov), WTO Working Paper ERSD-2016-08, 2016.

- [41] *Estimating* General Equilibrium Trade Policy Effects: GE PPML (with James E. Anderson and Yoto V. Yotov), CESifo Working Paper No. 5592, 2015.
- [40] Growth and Trade with Frictions: A Structural Estimation Framework (with James E. Anderson and Yoto V. Yotov), CESifo Working Paper No. 5446, 2015.
- [39] Growth and Trade with Frictions: A Structural Estimation Framework (with James E. Anderson and Yoto V. Yotov), NBER Working Paper No. 21377, 2015.
- [38] Macroeconomic Potentials of Transatlantic Free Trade: A High Resolution Perspective for Europe and the World (with Gabriel Felbermayr, Benedikt Heid and Erdal Yalcin), CESifo Working Paper No. 5019, 2014.
- [37] The Structure of the German Economy (with Sebastian Benz and Markus Zimmer), ifo Working Paper No. 180, 2014.
- [36] Trade in Ideas: Outsourcing and Knowledge Spillovers (with Sebastian Benz and Markus Zimmer), ifo Working Paper No. 173, 2014.
- [35] Carbon Tariffs: An Analysis of the Trade, Welfare and Emission Effects (with Joschka Wanner), CESifo Working Paper No. 4598, 2014.
- [34] Economic Integration Agreements, Border Effects, and Distance Elasticities in the Gravity Equation (with Jeffrey H. Bergstrand and Yoto V. Yotov), CESifo Working Paper No. 4502, 2013.
- [33] Icebergs versus Tariffs: A Quantitative Perspective on the Gains from Trade (with Gabriel Felbermayr and Benjamin Jung), University of Tübingen Working Papers in Economics and Finance No. 53, 2013.
- [32] Icebergs versus Tariffs: A Quantitative Perspective on the Gains from Trade (with Gabriel Felbermayr and Benjamin Jung), CESifo Working Paper No. 4175, 2013.
- [31] International Trade and Unemployment: A Quantitative Framework (with Benedikt Heid), CESifo Working Paper No. 4013, 2012.
- [30] The Shimer-Puzzle of International Trade: A Quantitative Analysis (with Gabriel Felbermayr and Wolfgang Lechthaler), ifo Working Paper No. 134, 2012.
- [29] Trade Preferences and Bilateral Trade in Goods and Services: A Structural Approach (with Peter H. Egger and Kevin E. Staub), CEPR Working Paper No. 9051, 2012.
- [28] Tariffs and Welfare in New Trade Theory Models (with Gabriel Felbermayr and Benjamin Jung), University of Tübingen Working Papers in Economics and Finance No. 41, 2012.
- [27] Income and Democracy: Evidence from System GMM Estimates (with Benedikt Heid and Julian Langer), ifo Working Paper No. 118, 2011.

- [26] Maquiladoras and Informality: A Mixed Blessing (with Benedikt Heid and Alejandro Riaño), CESifo Working Paper No. 3689, 2011.
- [25] Maquiladoras and Informality: A Mixed Blessing (with Benedikt Heid and Alejandro Riaño), GEP Research Paper No. 2011/29, 2011.
- [24] Spatial Exporters (with Fabrice Defever and Benedikt Heid), GEP Research Paper No. 2011/28, 2011.
- [23] Spatial Exporters (with Fabrice Defever and Benedikt Heid), CEP Discussion Paper No. 1100, 2011.
- [22] Spatial Exporters (with Fabrice Defever and Benedikt Heid), CESifo Working Paper No. 3672, 2011.
- [21] Migration, Trade and Unemployment (with Benedikt Heid), ifo Working Paper No. 115, 2011.
- [20] Migration, Trade and Unemployment (with Benedikt Heid), Economics - The Open-Access, Open-Assessment E-journal, Discussion Paper No. 2011-45, 2011.
- [19] Capacity Constraining Labor Market Frictions in a Global Economy (with Christian Holzner), CESifo Working Paper No. 3597, 2011.
- [18] Endogenous Labor Market Institutions in an Open Economy (with Gabriel Felbermayr and Wolfgang Lechthaler), ifo Working Paper No. 108, 2011.
- [17] Is There a Short-Run Case for Protectionism? Trade Policy and the Business Cycle (with Wolfgang Lechthaler), Kiel Working Paper No. 1717, 2011.
- [16] Optimal Tariffs, Retaliation and the Welfare Loss from Tariff Wars in the Melitz Model (with Gabriel Felbermayr and Benjamin Jung), CESifo Working Paper No. 3474, 2011.
- [15] Whom to Send to Doha? The Shortsighted Ones! (with Wolfgang Lechthaler), Kiel Working Paper No. 1695, 2011.
- [14] The Determinants of Environmental Innovations and Patenting: Germany Reconsidered (with Tilmann Rave and Frank Goetzke), ifo Working Paper No. 97, 2011.
- [13] The Trade Effects of Endogenous Preferential Trade Agreements (with Peter H. Egger, Kevin E. Staub and Rainer Winkelmann), CESifo Working Paper No. 3253, 2010.
- [12] The Trade Effects of Endogenous Preferential Trade Agreements (with Peter H. Egger, Kevin E. Staub and Rainer Winkelmann), University of Zurich, Sozialökonomisches Institut, Working Paper No. 1013, 2010.
- [11] Why “Buy American” is a Bad Idea but Politicians Still Like It (with Wolfgang Lechthaler), CESifo Working Paper No. 3207, 2010.

- [10] Why “Buy American” is a Bad Idea but Politicians Still Like It (with Wolfgang Lechthaler), Kiel Working Paper No. 1570, 2009.
- [9] Unemployment in an Interdependent World (with Gabriel Felbermayr and Wolfgang Lechthaler), CESifo Working Paper No. 2788, 2009.
- [8] Unemployment in an Interdependent World (with Gabriel Felbermayr and Wolfgang Lechthaler), FZID Discussion Papers 06-2009, 2009.
- [7] Unemployment in an Interdependent World (with Gabriel Felbermayr and Wolfgang Lechthaler), Kiel Working Paper No. 1540, 2009.
- [6] Comparative Advantage and Skill-Specific Unemployment (with Wolfgang Lechthaler), CESifo Working Paper No. 2754, 2009.
- [5] Comparative Advantage and Skill-Specific Unemployment (with Wolfgang Lechthaler), Kiel Working Paper No. 1538, 2009.
- [4] Multinational Firms and Heterogeneous Labor (with Wolfgang Lechthaler), Kiel Working Paper No. 1454, 2008.
- [3] The Multinationalization of the Transport Sector, Tinbergen Institute Discussion Paper TI 2005-019/2, 2005.
- [2] Small Sample Properties of Maximum Likelihood Versus Generalized Method of Moments Based Tests for Spatially Autocorrelated Errors (with Peter H. Egger, Michael Pfaffermayr and Janette Walde), CESifo Working Paper No. 1558, 2005.
- [1] Knowledge-Capital Meets New Economic Geography (with Peter H. Egger, Stefan Gruber and Michael Pfaffermayr), CESifo Working Paper No. 1432, 2005.

Commissioned Research (in varying teams)

- [41] EQUIP model development (Develop a dynamic model of international trade with multiple countries, multiple sectors, and input-output linkages.); Commissioner: Drexel University; Start: December 1, 2025; End: July 1, 2026.
- [40] Improving Estimation Procedure for Models with High Dimensional Fixed Effects (HDFE); Commissioner: The United States International Trade Commission; Start: September 2, 2025; End: May 31, 2026.
- [39] Services to Update Tariff Database; Commissioner: The United States International Trade Commission; Start: September 2, 2025; End: May 31, 2026.
- [38] Create an International Trade and Production Database for Estimation (ITPD-E) - R2025; Commissioner: The United States International Trade Commission; Start: September 1, 2024; End: August 31, 2025.

- [37] Estimate the Effects of Production Subsidies on Trade Using World Bank Data; Commissioner: The World Bank; Start: January 1, 2024; End: August 31, 2024.
- [36] Create an International Factors of Production Database (IFPD); Commissioner: The United States International Trade Commission; Start: October 1, 2023; End: September 30, 2024.
- [35] Create an International Trade and Production Database for Estimation (ITPD-E) - Version 3; Commissioner: The United States International Trade Commission; Start: September 1, 2023; End: August 30, 2024.
- [34] Create an International Trade and Production Database for Simulation (ITPD-S); Commissioner: The United States International Trade Commission; Start: August 31, 2022; End: August 30, 2023.
- [33] Evaluation of the Trade Facilitation Agreements (TFA); Commissioner: World Trade Organization; Start: May 16, 2022; End: December 16, 2022.
- [32] Developing a Consistently Aggregated Tariff Database; Commissioner: The United States International Trade Commission; Start: August 1, 2021; End: July 31, 2022.
- [31] Create an International Trade and Production Database for Estimation (ITPD-E) - Version 2; Commissioner: The United States International Trade Commission; Start: May 1, 2021; End: April 30, 2022.
- [30] Methodische und analytische Stärkung in aktuellen Fragen der Außenhandels- und ausländischen Investitionspolitik; Commissioner: Bundesministerium für Wirtschaft und Energie (BMWi) (in cooperation with the ifw Kiel Institute for the World Economy); Start: April 1, 2020; End: September 30, 2022.
- [29] Development of a Structural Gravity Model which Includes Natural Resources; Commissioner: The United States International Trade Commission; Start: October 1, 2020; End: September 30, 2021.
- [28] High Dimensional Fixed Effects in Python Modeling Services; Commissioner: The United States International Trade Commission; Start: July 15, 2020; End: July 14, 2021.
- [27] Die Handels- und Wohlfahrtseffekte eines CO₂-Grenzausgleichssystems auf Österreichs Wirtschaft; Commissioner: Austrian Federal Ministry for Digital and Economic Affairs (BMDW); Start: October 1, 2020; End: April 30, 2021.
- [26] State Subsidies: Use and Effects on Global Trade; Commissioner: World Bank; Start: November 30, 2020; End: March 31, 2021.
- [25] Estimating the Impact of Brexit on International Trade; Commissioner: Bank of England; Start: April 8, 2020; End: February 28, 2021.

- [24] Valuing the Economic Impact of the World Trade Organisation (WTO); Commissioner: Department for International Trade, UK Government; Start: September 30, 2020; End: December 21, 2020.
- [23] Die volkswirtschaftlichen Kosten der bestehenden Sanktionen in Bezug auf Russland; Commissioner: IHK Düsseldorf; Start: August 14, 2020; End: October 8, 2020.
- [22] The World Trade Organization at 25; Commissioner: Bertelsmann Stiftung; Start: August 15, 2019; End: November 10, 2019.
- [21] Measuring Trade Performance with Monthly Data; Commissioner: UNCTAD; Start: November 1, 2018; End: November 30, 2018.
- [20] Trade Costs Harmonization in CEFTA toward EU Membership: A Structural Gravity Approach; Commissioner: World Bank; Start: July 16, 2018; End: October 31, 2018.
- [19] Development of a Trade and Production Database; Commissioner: The United States International Trade Commission; Start: May 7, 2017; End: October 19, 2018.
- [18] International Trade Frictions: Measurement, Aggregation, and Decomposition; Commissioner: The World Trade Organization; Start: May 1, 2017; End: December 31, 2017.
- [17] Trade Liberalization, Growth, and FDI in the Asia-Pacific Region in an Era of Globalization; Commissioner: The United Nations, Economic and Social Commission for Asia and the Pacific; Start: April 24, 2016; End: August 15, 2017.
- [16] Quantifying the Dynamic Gains from Trade: A Structural Approach; Commissioner: The United States International Trade Commission; Start: September 1, 2016; End: August 31, 2017.
- [15] Evaluation of the Implementation of the Free Trade Agreement between the EU and its Member States and the Republic of Korea; Commissioner: European Commission; Start: October 15, 2016; End: September 1, 2017; Homepage with further information: <http://www.eukorea-eval.com/>.
- [14] Impact of Trade and Investment Agreements on FDI; Commissioner: Foreign Affairs, Trade and Development Canada; Start: September 15, 2015; End: March 31, 2016.
- [13] Explorationsstudie zu vorhandenen und fehlenden Daten im Verbraucherrecht (Exploratory Study on Existing and Missing Data in Consumer Protection Law); Commissioner: German Federal Ministry of Justice and Consumer Protection; Start: November 1, 2015; End: March 31, 2016.
- [12] Developing a Dynamic Structural Gravity Model of Foreign Direct Investment; Commissioner: Foreign Affairs, Trade and Development Canada; Start: December 11, 2014; End: March 31, 2015.

- [11] The Role of TTIP in the New EU Trade Policy Strategy: A Quantitative Analysis with Special Emphasis on Austria; Commissioner: Austrian Federal Ministry of Economy, Family and Youth; Start: October 7, 2013; End: February 28, 2014.
- [10] Evaluating the Pacific Alliance; Commissioner: Bertelsmann Stiftung; Start: September 1, 2013; End: December 31, 2013.
- [9] Dimensions and Effects of a Free Trade Agreement between the US and the EU; Commissioner: German Federal Ministry of Economics and Technology; Start: June 27, 2012; End: February 20, 2013. Media response (fragmentary): Handelsblatt, “Das etwas andere Konjunkturprogramm”, February 1, 2013; Frankfurter Allgemeine, “Der lange Weg zum Freihandel”, February 9, 2013; Der Spiegel, “FREIHANDEL Rösler gegen den Süden der EU”, February 2, 2013; Handelsblatt, “Mehr Jobs, mehr Geld”, February 2, 2013; Der Standard, “EU erwartet Wachstumsschub durch Freihandelsabkommen”, February 14, 2013; Kurier, “USA und EU: Gemeinsam stark gegen China, Indien”, March 13, 2013; Die Presse, “Eine Wirtschafts-Nato als Weg aus der Krise”, April 24, 2013; Wirtschaftsblatt, “Wenn schon nicht der Handel, so boomen doch Abkommen”, May 27, 2013; Die Zeit, “Lass uns tauschen”, June 13, 2013; Frankfurter Allgemeine, “Heftiger Streit um EU-Mandat für Freihandel mit Amerika”, June 15, 2013; Financial Times, “Trade deal would benefit US more than EU, Ifo study finds”, June 17, 2013; Der Tagesspiegel, “Gewinn aus dem Nichts”, June 18, 2013; Die Welt, “Freihandelszone kann neue Jobs schaffen”, June 18, 2013; Die Presse, “Was freier Handel mit Amerika bringt”, June 18, 2013; Kurier, “EU und USA geben Startschuss für Verhandlungen über Freihandelszone”, June 18, 2013; Handelsblatt, “Ehrgeiziges Programm für mehr Wachstum”, June 19, 2013; Neue Zürcher Zeitung, “Gefahr der Diskriminierung”, June 27, 2013.
- [8] Innovation Spillovers in Germany; Commissioner: Bavarian State Ministry for Economic Affairs, Infrastructure, Transport, and Technology; Start: July 1, 2009; End: June 30, 2012.
- [7] Cooperation Intent between the ifo Institute and the Leverhulme Globalisation and Economic Policy Center (GEP) in Nottingham; Commissioner: Leibniz-Senate Committee Competition (SAW)-Project; Start: January 1, 2009; End: December 31, 2011.
- [6] GLOWA-Danube Phase III, Integrative Techniques, Scenarios and Strategies for the Global Change of the Hydrological Cycle using the Example of the Catchment Area of the Upper Danube; Commissioner: German Federal Ministry of Education and Research; Start: August 1, 2007; End: April 1, 2010.

- [5] Development, Diffusion and Impact of Environmental Innovations; Commissioner: German Federal Ministry of Education and Research; Start: March 1, 2007; End: February 1, 2010.
- [4] How to Construct Europe; Commissioner: Leibniz-Association within the “Pakt für Forschung”; Start: January 1, 2006; End: December 1, 2009.
- [3] Bilateral Development Cooperation and the Export- and Employment Effects in the Donor Country - the Example Germany; Commissioner: German Federal Ministry of Economic Cooperation and Development; Start: November 1, 2006; End: March 1, 2007.
- [2] Export Development and Export Potentials of the Bavarian Foreign Trade, Commissioner: Bavarian State Ministry for Economic Affairs, Infrastructure, Transport, and Technology; Start: October 1, 2006; End: March 1, 2007.
- [1] Feasibility Study for the Improvement of the Growth- and Employment Orientated Regional Economic Policy in Austria; Commissioner: Austrian Federal Ministry of Finance, Vienna; Start: January 1, 2006; End: June 1, 2006.

--- Presence in the Media

- [6] “Auf römischen Pfaden”, Frankfurter Allgemeine Zeitung, jointly with Erik Hornung and Markus Ludwig, April 25, 2022.
- [5] Interview at the WDR 5 Politikum about “Wie Trump seinen Wählern dient”, August 3, 2018.
- [4] “Wie du mir, so ich dir?”, Süddeutsche Zeitung, jointly with David Stadelmann, July 7, 2018.
- [3] Höhere Pro-Kopf-Einkommen fördern die Demokratie, available for download at <https://www.uni-bayreuth.de/de/universitaet/presse/archiv/2012/172-Einkommen-Demokratie.pdf> (appeared in various German news outlets, e.g. Financial Times Deutschland blog).
- [2] Interview at the WDR 5 about “Demokratie und Wohlstand”, May 27, 2012.
- [1] Video of the “Globalization and Labour Market Outcomes”-Conference, available for download at <http://www.youtube.com/watch?v=ZmtYQSYJU2E>.

--- Teaching Experience and Organization of Workshops

- June 25-26, 2026 **5th “TRade and International Sourcing: The Academic Network” (TRISTAN) Workshop (organized jointly with Hartmut Egger)**, *University of Bayreuth, Bayreuth*, program available for download at: <https://ubtaktuell.uni-bayreuth.de/tristan-workshop>

- SS 2026 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2026 **Empirical International Trade (Master) (Seminar, with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2026 **Globalization of the Economies and the Environment (Lectures and Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2026 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2025/26 **Philosophy of Econometrics (Master) (Seminar, jointly with Patricia Rich)**, *University of Bayreuth*, Teaching language: English
- WS 2025/26 **Empirical Trade Data Analysis (Bachelor) (Seminar, with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2025/26 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2025/26 **Seminar on Social Networks (Seminar, jointly with Mirco Schönfeld)**, *University of Bayreuth*, Teaching language: English
- WS 2025/26 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2025 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2025 **Globalization of the Economies and the Environment (Lectures and Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- WS 2024/25 **Seminar on Social Networks (Seminar, jointly with Mirco Schönfeld)**, *University of Bayreuth*, Teaching language: English
- WS 2024/25 **Introduction to Empirical Methods (Bachelor), Lectures and Exercises (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2024/25 **Empirical Trade Data Analysis (Bachelor) (Seminar, with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2024/25 **Empirical International Trade (Master) (Seminar, with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2024/25 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English

- WS 2024/25 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- June 20-21, 2024 **4th “TRade and International Sourcing: The Academic Network” (TRISTAN) Workshop (organized jointly with Hartmut Egger)**, *University of Bayreuth, Bayreuth*, program available for download at: <https://www.vwl2.uni-bayreuth.de/en/tristan-workshop/2024/index.html>
- SS 2024 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2024 **Globalization of the Economies and the Environment (Lectures and Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2024 **Lectures and Seminar on Time Series Analysis (Lectures and Seminar, Bachelor)**, *University of Bayreuth*, Teaching language: English
- SS 2024 **Thesis Seminar (Bachelor, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2024 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2023/24 **Advanced Empirical Economics II (Interdisciplinary Data Research: Network Economics, Master) (Seminar, jointly with Mirco Schönfeld)**, *University of Bayreuth*, Teaching language: English
- WS 2023/24 **Empirical International Trade (Seminar, with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2023/24 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2023/24 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2023 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2023 **Globalization of the Economies and the Environment (Lectures and Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2023 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English

- SS 2023 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2022/23 **Empirical International Trade (Seminar, with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2022/23 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2022/23 **Master's Seminar Empirical Economics: Statistical Learning in the Age of "Big Data" and Machine Learning (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2022/23 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- June 23-24, 2022 **3rd "TRade and International Sourcing: The Academic Network" (TRISTAN) Workshop (organized jointly with Hartmut Egger)**, *University of Bayreuth, Bayreuth*, program available for download at: <https://www.vwl2.uni-bayreuth.de/en/tristan-workshop/2022/index.html>
- SS 2022 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2022 **Globalization of the Economies and the Environment (Lectures and Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2022 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2022 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2021/22 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2021/22 **Master's Seminar Empirical Economics: Statistical Learning in the Age of "Big Data" and Machine Learning (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2021/22 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2021 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English

- SS 2021 **Master's Seminar Empirical Economics: Regional Economics in a Globalized World (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2021 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2021 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2021 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2020/21 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2020/21 **Empirical International Trade, Seminar (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2020/21 **Master's Seminar Empirical Economics: Statistical Learning in the Age of "Big Data" and Machine Learning (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2020/21 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2020 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2020 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2020 **Empirical Economics I (Bachelor), Lectures and Tutorial supervision (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2019/20 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2019/20 **Master's Seminar Empirical Economics: Climate Econometrics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2019/20 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English

- SS 2019 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2019 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2019 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2018/19 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2018/19 **Empirical International Trade, Seminar (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2018/19 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- June 21-22, 2018 **2nd “TRade and International Sourcing: The Academic Network” (TRISTAN) Workshop (organized jointly with Hartmut Egger)**, *University of Bayreuth, Bayreuth*, program available for download at: <https://www.vwl2.uni-bayreuth.de/en/tristan-workshop/2018/index.html>
- SS 2018 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2018 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2018 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2018 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2017/18 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2017/18 **Master’s Seminar Empirical Economics: Statistical Learning in the Age of “Big Data” and Machine Learning (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2017/18 **Empirical International Trade, Seminar (with course responsibility)**, *University of Bayreuth*, Teaching language: English

- WS 2017/18 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- September 25-28, 2017 **Central-German Doctoral Program Economics (CGDE) Course Frontiers of Econometrics - Estimation Methods in Econometrics (PhD Course)**, *TU Dresden*, Teaching language: English
- SS 2017 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2017 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2017 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2017 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- March 20-23, 2017 **Course about “Frontiers in Structural Gravity”**, *CEPII, Paris*, Teaching language: English
- WS 2016/17 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2016/17 **Empirical International Trade, Seminar (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2016/17 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- June 23-24, 2016 **1st “TRade and International Sourcing: The Academic Network” (TRISTAN) Workshop (organized jointly with Hartmut Egger)**, *University of Bayreuth, Bayreuth*, program available for download at: <https://www.vwl2.uni-bayreuth.de/en/tristan-workshop/2016/index.html>
- SS 2016 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2016 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2016 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English

- WS 2015/16 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2015/16 **Empirical International Trade, Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2015/16 **Advanced Empirical Economics I, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2015/16 **Empirical Economics II, Lectures (Panel and time series econometrics, Bachelor) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2015 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2015 **Graduate Seminar of the Economic Chairs (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2015 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2015 **Master's Seminar Empirical Economics: The Econometrics of Economic Consultancy - Interpreting Regression Estimates for Policy Makers (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2015 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2014/15 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2014/15 **Master Seminar Empirical Economics (Empirical International Trade) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2014/15 **Bachelor Seminar Empirical Economics (Empirical International Migration) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2014/15 **Empirical Economics III, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- November 27-28, 2014 **PhD Course in "Empirical Trade"**, *University of Hohenheim*, Teaching language: English

- September 22-25, 2014 **Central-German Doctoral Program Economics (CGDE) Course Frontiers of Econometrics - Estimation Methods in Econometrics (PhD Course)**, *TU Dresden*, Teaching language: English
- July 23-24, 2014 **CESifo Venice Summer Institute about “Regional Mega-Deals: New Trends, New Models, New Insights?” (organized jointly with Gabriel Felbermayr)**, *San Servolo, Venice*
- WS 2013/14 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2013/14 **Master’s Seminar Empirical Economics: The Distribution of Economic Activity over Space (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2013/14 **Empirical Economics III, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2013 **Methods in Economics, Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- SS 2013 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2013 **Brown Bag Seminar (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2013 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2013 **Master’s Seminar Empirical Economics: International Trade and Migration (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2013 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2012/13 **Methods in Economics, Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2012/13 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2012/13 **Master’s Seminar Empirical Economics: How are Political Decisions Made? (with course responsibility)**, *University of Bayreuth*, Teaching language: English

- WS 2012/13 **Empirical Economics III, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2012/13 **Empirical Economics II, Lectures (Panel and time series econometrics, Bachelor) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2012 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English
- SS 2012 **Brown Bag Seminar (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2012 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2012 **Master's Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2012 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- 2012 **GradAB PhD Course at the IAB, Lectures (with course responsibility) with the topic: "Trade, Unemployment and Search and Matching"**, *IAB, Nuremberg*, Teaching language: English
- WS 2011/12 **Research Seminar of Economics (Organization)**, *University of Bayreuth*, Teaching language: English
- WS 2011/12 **Methods in Economics, Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2011/12 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2011/12 **Master's Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2011/12 **Empirical Economics III, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2011/12 **Empirical Economics II, Lectures (Panel and time series econometrics, Bachelor) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2011 **Globalization of the Economies and the Environment (Seminar, Master course, jointly with Thomas Köllner)**, *University of Bayreuth*, Teaching language: English

- SS 2011 **Brown Bag Seminar (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2011 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2011 **Master's Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2011 **Empirical Economics I (Bachelor), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2010/11 **Methods in Economics, Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2010/11 **Bachelor-, Master and PhD Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2010/11 **Master's Seminar Empirical Economics (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2010/11 **Empirical Economics III, Lectures (Methods in Econometrics, Master) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- WS 2010/11 **Empirical Economics II, Lectures (Panel and time series econometrics, Bachelor) (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2010 **Research Seminar of Economics (Organization)**, *University of Bayreuth*, Teaching language: English
- SS 2010 **Empirical Economics II (Master), Lectures (with course responsibility)**, *University of Bayreuth*, Teaching language: English
- SS 2010 **Empirical Economics I (Bachelor), Lectures and two courses (with course responsibility)**, *University of Bayreuth*, Teaching language: German
- WS 2009/10 **Trade and Labor Markets (with course responsibility)**, *LMU Munich*, Teaching language: German
- SS 2009 **Growth and Natural Resources (with course responsibility)**, *LMU Munich*, Teaching language: German
- SS 2008 **Environmental Economics (with course responsibility)**, *LMU Munich*, Teaching language: German
- SS 2007 **Growth and Natural Resources**, *LMU Munich*, Teaching language: German
- WS 2006/07 **Advanced Empirical Economics**, *LMU Munich*, Teaching language: German

- WS 2005/06 **International Economics (main focus on International Trade)**, *University of Innsbruck*, Teaching language: English
- WS 2005/06 **Economic Analysis of the Law**, *LMU Munich*, Teaching language: German
- SS 2005 **International Economics (main focus on International Trade)**, *University of Innsbruck*, Teaching language: English
- SS 2005 **Growth and Natural Resources**, *LMU Munich*, Teaching language: German
- WS 2004/05 **International Economics (main focus on International Trade)**, *University of Innsbruck*, Teaching language: German
- SS 2004 **International Economics**, *University of Innsbruck*, Teaching language: German
- WS 2003/04 **International Economics**, *University of Innsbruck*, Teaching language: German
- 1997 – 2001 **Tutor for Micro- and Macroeconomics**, *University of Innsbruck*, Teaching language: German

Supervision of PhDs and Postdoctoral Lecture Qualifications

- [15] Dissertation of Volkan Timur Öztürk (second supervisor) entitled “Essays in Economic History: Demographic, Political, and Methodological Changes”, University of Bayreuth, 2026.
- [14] Dissertation of Clémence Bois (member of the PhD committee) entitled “Three Essays on International Trade and Sustainable Development”, Université Paris 1 Panthéon-Sorbonne – Paris School of Economics, 2026.
- [13] Dissertation of Charles de Pierpont de Burnot (member of the PhD committee) entitled “Political history, migration and economic outcomes”, Université catholique de Louvain – Economics School of Louvain, 2026.
- [12] Dissertation of Lena Susanne Specht (member of the PhD committee) entitled “Three Essays on the Determinants and Outcomes of Student Migration”, University College Dublin School of Economics, 2023.
- [11] Dissertation of Luca Lodi (member of the PhD committee) entitled “Essays on International Trade – Theory and Applications of the Structural Gravity Model with Country-Specific Features and Domestic Policies”, Università degli Studi di Macerata and Université Paris 1 Panthéon-Sorbonne, 2023.
- [10] Dissertation of Simone Habermeyer (second supervisor) entitled “Essays on the Role of Preferences in International Trade Theory”, University of Bayreuth, 2019.

- [9] Dissertation of Joschka Wanner (first supervisor) entitled “Gravity in International Trade: Econometric Challenges and Environmental Extensions”, University of Bayreuth, 2019.
- [8] Dissertation of Raymond Frempong (second supervisor) entitled “Child Labour in Sub-Saharan Africa—Empirical Evidence and New Perspectives”, University of Bayreuth, 2018.
- [7] Dissertation of Johannes Merkl (second supervisor) entitled “Die Prognose von Credit-Default-Swap-Spreads mit linearen Zustandsraummodellen”, University of Bayreuth, 2018.
- [6] Dissertation of Geoffrey S. Chapman (external supervisor) entitled “Essays on Economic Integration”, University of Nottingham, 2018.
- [5] Dissertation of Wolf-Fabian Hungerland (second supervisor) entitled “On Germany and International Trade in the First Globalisation”, Humboldt University of Berlin, 2018.
- [4] Dissertation of Steffen Sirries (first supervisor) entitled “Essays on International Trade and Migration”, University of Bayreuth, 2016.
- [3] Postdoctoral Lecture Qualification of Dr. Simon Loretz with the finalization with the adjudication of the Facultas docendi in Economics and Econometrics, University of Bayreuth, 2015.
- [2] Dissertation of Benedikt Heid (second supervisor) entitled “Essays on International Trade and Development”, LMU Munich, 2014.
- [1] Dissertation of Daniel Etzel (second supervisor) entitled “Wage Policy in a Global World”, University of Bayreuth, 2013.

Languages

German **Native Language**
 English **Fluent (spoken and written)**
 French **Basics**

Software Skills (in alphabetical order)

Scientific **GAMS, GAUSS, Julia, Mathematica, Matlab, MySQL, Python, R, STATA**

Typography **L^AT_EX**

Presentations at Scientific Conferences and Workshops

- [90] Philadelphia Trade Group Workshop, 2025, Drexel University, Philadelphia (Presentation: “Inverted Gravity”).
- [89] Midwest International Economics Group Fall Meeting, 2025, Penn State (Presentation: “A Democratic Dividend in Trade? Evidence from a Flexible Empirical Implementation”).
- [88] CESifo Area Conference on Global Economy, 2025, Munich (Presentation: “Sticky Gravity”).
- [87] Workshop on the Future of the Global Trading System, 2025, Kiel (Presentation: “A Democratic Dividend in Trade? Evidence from a Flexible Empirical Implementation”).
- [86] FIW-Research conference ‘International Economics’, 2025, Vienna (Presentation: “A Democratic Dividend in Trade? Evidence from a Flexible Empirical Implementation”).
- [85] 25th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2024, Göttingen (Presentation: “High-Frequency Gravity”).
- [84] 25th Annual Congress of the European Trade Study Group, 2023, Guildford (UK) (Presentation: “High-Frequency Gravity”).
- [83] Annual Congress of the Standing Field Committee in International Economics of the German Economic Society, WHU – Otto Beisheim School of Management, Vallendar, 2023 (Presentation: “Uncertainty in Global Sourcing: Learning, sequential offshoring, and selection patterns”).
- [82] Workshop “Gravity at Sixty”, 2022, Vienna (Presentation: “Estimating the Effects of Trade Agreements: Lessons From 60 Years of Methods and Data”).
- [81] Annual Meeting of the Verein für Socialpolitik, 2021 (Presentation: “Uncertainty in Global Sourcing”).
- [80] Workshop “Deep FTAs” dedicated to the memory of Olivier Cadot, 2020, Paris (Presentation: “A Tale of (Almost) 1001 Coefficients: Deep and Heterogeneous Effects of the EU-Turkey Customs Union”).
- [79] XVI INTECO Workshop, 2019, Castellón (Presentation: “Roman Transport Network Connectivity and Economic Integration”).

- [78] Midwest International Economics Group Fall Meeting, 2019, Washington University in St. Louis (Presentation: “Roman Transport Network Connectivity and Economic Integration”).
- [77] 21st Annual Congress of the European Trade Study Group, 2019, Bern (Presentation: “Roman Transport Network Connectivity and Economic Integration”).
- [76] “Sanctions: Theory, Quantitative Evidence, and Policy Implications”, 2019, Philadelphia (Discussion: “Aid Sanctions Effectiveness and Autocratic Rule: Does Regime Type Matter?” by Clara Portela and Juan S. Mora-Sanguinetti).
- [75] Workshop in International Economics, 2018, Munich (Presentation: “Institutions, Trade and Development: Identifying the Impact of Country-specific Characteristics on International Trade”).
- [74] 20th Annual Congress of the European Trade Study Group, 2018, Warsaw (Presentation: “Institutions, Trade and Development: Identifying the Impact of Country-specific Characteristics on International Trade”).
- [73] Midwest International Economics Group Spring Meeting, 2018, Philadelphia (Presentation: “Institutions, Trade and Development: A Quantitative Analysis”).
- [72] 23rd FIW-Workshop on the topic “Trade and Environment - Interrelations between Climate & Trade Policy: Impacts on International Trade Flows and Carbon Emissions”, Federal Ministry of Digital and Economic Affairs, 2018, Vienna (Presentation: “International Trade, Uni- and Multilateral Climate Policy, and Carbon Leakage”).
- [71] Annual Meeting of the Verein für Socialpolitik, 2017, Vienna (Presentation: “Trade Liberalization, Growth, and FDI: A Structural Estimation Framework”).
- [70] IFN Stockholm Conference “Globalization and New Technology: Effects on Firms and Workers”, 2017, Vaxholm (Presentation: “Convex Vacancy Creation Costs and On-the-Job Search in a Global Economy”).
- [69] 18th Annual Congress of the European Trade Study Group, 2016, Helsinki (Presentation: “Trade Liberalization, Growth, and FDI: A Structural Estimation Framework”).
- [68] 31st Annual Congress of the European Economic Association, 2016, Geneva (Presentation: “On the Effects of the Transatlantic Trade and Investment Partnership on Trade and Capital Accumulation”).
- [67] 17th Annual Congress of the European Trade Study Group, 2015, Paris (Presentation: “*Estimating* General Equilibrium Trade Policy Effects: GE PPML”).

- [66] XXth Conference on Dynamics, Economic Growth, and International Trade (DEGIT-XX), 2015, Geneva (Presentation: “Growth and Trade with Frictions: A Structural Estimation Approach”).
- [65] Annual Meeting of the Society for Economic Dynamics, 2015, Warsaw (Presentation: “Growth and Trade: A Structural Approach”).
- [64] CESifo Area Conference on Global Economy, 2015, Munich (Presentation: “Growth and Trade with Frictions: A Structural Dynamic Framework”).
- [63] Annual Congress of the Standing Field Committee in International Economics of the German Economic Society, 2015, Tübingen (Presentation: “Growth and Trade: A Structural Approach”).
- [62] Allied Social Science Associations Annual Meeting, 2015, Boston (Discussion: “What’s Inside Counts: Migration, Taxes, and the Internal Gains from Trade” by Trevor Tombe and Jennifer Winter).
- [61] 16th Annual Congress of the European Trade Study Group, 2014, Munich (Presentation: “Growth and Trade: A Structural Approach”).
- [60] 68th European Meeting of the Econometric Society, 2014, Toulouse (Presentation: “Capacity Constraining Labor Market Frictions in a Global Economy”).
- [59] 29th Annual Congress of the European Economic Association, 2014, Toulouse (Presentation: “Growth and Trade: A Structural Approach”).
- [58] Midwest International Economics Group Spring Meeting, 2014, Indianapolis (Presentation: “Growth and Trade: A Structural Approach”).
- [57] 2014 Workshop on Real Estate Economics and Finance, March 1, 2014, EBS University, Wiesbaden (Presentation: “Structural Operations and Net Migration Across European Union Member Countries”).
- [56] Allied Social Science Associations Annual Meeting, 2014, Philadelphia (Presentation: “Growth and Trade: A Structural Approach”).
- [55] SIRE Workshop on “Theory and Estimation of Gravity Equations”, July 17, 2013, Glasgow (Presentation: “Growth and Trade: A Structural Approach”).
- [54] CAGE International Trade Research Day, May 22, 2013, University of Warwick (Presentation: “International Trade and Unemployment: A Quantitative Framework”).
- [53] 14th Annual Congress of the European Trade Study Group, 2012, Leuven (Presentation: “Trade Preferences and Bilateral Trade in Goods and Services: A Structural Approach”).
- [52] Annual Meeting of the Verein für Socialpolitik, 2012, Göttingen (Presentation: “Trade Preferences and Bilateral Trade in Goods and Services: A Structural Approach”).

- [51] 66th European Meeting of the Econometric Society, 2012, Malaga (Presentation: “Trade Preferences and Bilateral Trade in Goods and Services: A Structural Approach”).
- [50] 27th Annual Congress of the European Economic Association, 2012, Malaga (Presentation: “Buy National or Buy International? The Optimal Design of Government Spending in an Open Economy”).
- [49] CESifo Area Conference on Global Economy, 2012, Munich (Presentation: “Gravity with Unemployment”).
- [48] 13th Annual Congress of the European Trade Study Group, 2011, Copenhagen (Presentation: “Whom to Send to Doha? The Shortsighted Ones!”).
- [47] 65th European Meeting of the Econometric Society, 2011, Oslo (Presentation: “Capacity Constraining Labor Market Frictions and Trade Patterns”).
- [46] 26th Annual Congress of the European Economic Association, 2011, Oslo (Presentation: “Whom to Send to Doha? The Shortsighted Ones!”).
- [45] Globalization and Labour Market Outcomes, 2011, Geneva (Presentation: “Capacity Constraining Labor Market Frictions and Trade Patterns”).
- [44] 13th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2011, Göttingen (Presentation: “Capacity Constraining Labor Market Frictions and Trade Patterns”).
- [43] CESifo Area Conference on Global Economy, 2011, Munich (Presentation: “Capacity Constraining Labor Market Frictions and Trade Patterns”).
- [42] Annual Meeting of the Verein für Socialpolitik, 2010, Kiel (Presentation: “Firm Heterogeneity and the Distance Puzzle”).
- [41] 25th Annual Congress of the European Economic Association, 2010, Glasgow (Presentation: “Economic Determinants of the Timing of Regional Trade Agreement Formations and Enlargements”).
- [40] Annual Meeting of the Austrian Economic Association (NOeG), 2010, Vienna (Presentation: “Capacity Constraining Labor Market Frictions and Trade Patterns”).
- [39] 12th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2010, Göttingen (Presentation: “Economic Determinants of the Timing of Regional Trade Agreement Formations and Enlargements”).
- [38] 11th Annual Congress of the European Trade Study Group, 2009, Rome (Presentation: “Unemployment in an Interdependent World”).
- [37] 24th Annual Congress of the European Economic Association, 2009, Barcelona (Presentation: “Brain Exchange: Economic Determinants of Two-Way International Trade, Foreign Direct Investment, and Skilled Migration”).

- [36] Annual Meeting of the Austrian Economic Association (NOeG), 2009, Linz (Presentation: “Unemployment in an Interdependent World”).
- [35] 11th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2009, Göttingen (Presentation: “Comparative Advantage and Skill-Specific Unemployment”).
- [34] 54th Annual North American Meeting of the Regional Science Association International, 2008, New York (Presentation: “Structural Operations and Net Migration within the European Union”).
- [33] 2nd World Conference of the Spatial Econometrics Association, 2008, New York (Presentation: “Interdependent Preferential Trade Agreement Memberships: An Empirical Analysis”).
- [32] Annual Meeting of the Verein für Socialpolitik, 2008, Graz (Presentation: “Gravity Redux: Structural Estimation of Gravity Equations with Asymmetric Bilateral Trade Costs”).
- [31] 10th Annual Congress of the European Trade Study Group, 2008, Warsaw (Presentation: “Brain Exchange: Economic Determinants of Two-Way International Trade, Foreign Direct Investment, and Skilled Migration”).
- [30] 63rd European Meeting of the Econometric Society, 2008, Milan (Presentation: “Transport Infrastructure Effects on Trade and Welfare in Developed and Less Developed Countries”).
- [29] 23rd Annual Congress of the European Economic Association, 2008, Milan (Presentation: “Gravity Redux: Structural Estimation of Gravity Equations with Asymmetric Bilateral Trade Costs”).
- [28] 10th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2008, Göttingen (Presentation: “An Assessment of the Europe Agreements’ Effects on Bilateral Trade, GDP, and Welfare”).
- [27] Annual Meeting of the Verein für Socialpolitik, 2007, Munich (Presentation: “Interdependent Preferential Trade Agreement Memberships: An Empirical Analysis”).
- [26] 9th Annual Congress of the European Trade Study Group, 2007, Athens (Presentation: “The EU’s Attitude Towards Eastern Enlargement in Space”).
- [25] 62nd European Meeting of the Econometric Society, 2007, Budapest (Presentation: “Small Sample Properties of Maximum Likelihood Versus Generalized Method of Moments Based Tests for Spatially Autocorrelated Errors”).
- [24] 22nd Annual Congress of the European Economic Association, 2007, Budapest (Presentation: “Interdependent Preferential Trade Agreement Memberships: An Empirical Analysis”).

- [23] 2nd FIW-Workshop on the topic “The Future of Global Trade Negotiations from a European Perspective”, Austrian Federal Ministry of Economics and Labour (BMWA), 2007, Vienna (Presentation: “On the Welfare Effects of Bilateral versus Multilateral Trade and Investment Liberalization”).
- [22] International Workshop on Computational and Financial Econometrics 2007, 2007, Geneva (Presentation: “Small Sample Properties of Maximum Likelihood Versus Generalized Method of Moments Based Tests for Spatially Autocorrelated Errors”).
- [21] Royal Economic Society Annual Conference, 2007, Warwick (Presentation: “Interdependent Preferential Trade Agreement Memberships: An Empirical Analysis”).
- [20] 9th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2007, Göttingen (Presentation: “Interdependent Preferential Trade Agreement Memberships: An Empirical Analysis”).
- [19] Midwest International Economics Group Fall Meeting, 2006, West Lafayette (Presentation: “Structural Operations and Net Migration within the European Union”).
- [18] 8th Annual Congress of the European Trade Study Group, 2006, Vienna (Presentation: “Interdependent Preferential Trade Agreement Memberships: An Empirical Analysis”).
- [17] 8th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2006, Göttingen (Presentation: “Structural Operations and Net Migration within the European Union”).
- [16] Annual Meeting of the Verein für Socialpolitik, 2005, Bonn (Presentation: “The Impact of Endogenous Tax Treaties on Foreign Direct Investment: Theory and Empirical Evidence”).
- [15] 7th Annual Congress of the European Trade Study Group, 2005, Dublin (Presentation: “Non-Cooperative Tariffs in the Presence of Multinationals”).
- [14] 9th World Congress of the Econometric Society, 2005, London (Presentation: “The EU’s Attitude Towards Eastern Enlargement in Space”).
- [13] Annual Meeting of the Austrian Economic Association (NOeG), 2005, Innsbruck (Presentation: “The Multinationalization of the Transport Sector”).
- [12] Midwest International Economics Group Spring Meeting, 2005, Nashville (Presentation: “Knowledge-Capital Meets New Economic Geography”).
- [11] 7th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2005, Göttingen (Presentation: “The Multinationalization of the Transport Sector”).

- [10] 59th International Atlantic Economic Conference, 2005, London (Presentation: “Knowledge-Capital Meets New Economic Geography”).
- [9] 6th Annual Congress of the European Trade Study Group, 2004, Nottingham (Presentation: “The Multinationalization of the Transport Sector”).
- [8] 19th Annual Congress of the European Economic Association, 2004, Madrid (Presentation: “The Home Market Effect in Models with Multinational Enterprises”).
- [7] International Conference on Policy Modeling, EcoMod 2004, Paris (Presentation: “The Home Market Effect in Models with Multinational Enterprises”).
- [6] Annual Meeting of the Austrian Economic Association (NOeG), 2004, Vienna (Presentation: “Growth of FDI: Some Insights from a Dynamic Knowledge Capital Model”).
- [5] 6th Göttinger Workshop “Internationale Wirtschaftsbeziehungen”, 2004, Göttingen (Presentation: “The Multinationalization of the Transport Sector”).
- [4] 5th Annual Congress of the European Trade Study Group, 2003, Madrid (Presentation: “On the Welfare Effects of Trade and Investment Liberalization”).
- [3] 18th Annual Congress of the European Economic Association, 2003, Stockholm (Presentation: “On the Welfare Effects of Trade and Investment Liberalization”).
- [2] International Conference on Policy Modeling (EcoMod), 2003, Istanbul (Presentation: “On the Welfare Effects of Trade and Investment Liberalization”).
- [1] Midwest International Economics Group Spring Meeting, 2003, Pittsburgh (Presentation: “On the Welfare Effects of Trade and Investment Liberalization”).

Presentations at Research Seminars

- [47] ESB Seminars, Universitas Mercatorum, online, March 18, 2026.
- [46] LIDAM Economics Seminar, Louvain-la-Neuve, Mons, March 12, 2026.
- [45] Research Seminar of the Institute of Economics & Association of Freiburg Economists at the University of Freiburg, Freiburg, January 29, 2026.
- [44] Berlin Macro Seminar at the DIW Berlin, Berlin, July 1, 2025.
- [43] Research Seminar at the University of Paris-Dauphine – PSL, Paris, March 6, 2023.
- [42] Research Seminar at the University of Potsdam, Potsdam, November 15, 2022.

- [41] Research Seminar at the University of Braunschweig, Braunschweig, June 2, 2022.
- [40] Research Seminar at the National University of Singapore, video conference, October 29, 2021.
- [39] Research Seminar at the University of Trier, video conference, July 15, 2020.
- [38] USITC Research Seminar, Washington, October 8, 2019.
- [37] CEPII Research Seminar, Paris, May 15, 2019.
- [36] Economics Lunch Seminar, Laboratoire RITM, University of Paris-Sud, Paris, May 13, 2019.
- [35] GEP Seminar Series at the University of Nottingham, Nottingham, October 12, 2018.
- [34] Research Seminar at the Eberhard Karls University Tübingen, Tübingen, July 24, 2018.
- [33] Geneva Trade and Development Workshop (GTDW), Geneva, March 13, 2018.
- [32] Paris Trade Seminar, Paris, October 10, 2017.
- [31] Schumpeter Seminar at the Humboldt-Universität zu Berlin, Berlin, July 4, 2017.
- [30] CEPII Research Seminar, Paris, March 23, 2017.
- [29] wiiw Seminar in International Economics, Vienna, November 17, 2016.
- [28] Research Seminar at the Research Institute of Industrial Economics (IFN) in Stockholm, Stockholm, May 4, 2016.
- [27] KOF-ETH-UZH Seminar in International Economic Policy, Zurich, April 21, 2016.
- [26] Research Seminar at the University of Innsbruck, Innsbruck, March 9, 2016.
- [25] Research Seminar at the University of Mainz, Mainz, November 24, 2015.
- [24] Research Seminar at the Austrian Institute of Economic Research (WIFO), Vienna, October 8, 2015.
- [23] Research Seminar at the Vienna University of Economics and Business, Vienna, October 7, 2015.
- [22] Centre for Economic Performance/London School of Economics International Economics Seminar, London, July 1, 2015.
- [21] Research Seminar at the University of Salzburg, Salzburg, November 11, 2014.
- [20] Research Seminar at Drexel University, Philadelphia, June 2, 2014.
- [19] Research Seminar at Temple University, Philadelphia, April 26, 2014.

- [18] Research Seminar at the University of Giessen, Giessen, April 24, 2013.
- [17] Research Seminar at the University of Trier, Trier, January 10, 2013.
- [16] wiiw Seminar in International Economics, Vienna, January 27, 2011.
- [15] Research Seminar at the Research Institute of Industrial Economics (IFN) in Stockholm, Stockholm, February 18, 2009.
- [14] Research Seminar at the University of Tübingen, Tübingen, January 11, 2009.
- [13] Research Seminar at the RWTH Aachen, Aachen, October 28, 2008.
- [12] Research Seminar at the Kiel Institute for the World Economy, Kiel, May 13, 2008.
- [11] ifo-Lunchtime-Seminar at the ifo Institute for Economic Research, Munich, June 11, 2008; December 5, 2007; June 6, 2007.
- [10] Center for Economic Studies Research Seminar at the LMU Munich, Munich, November 10, 2008; October 17, 2007; December 11, 2006.
- [9] Research Seminar at the University of Innsbruck, Innsbruck, March 12, 2008.
- [8] PhD-Seminar for International Trade at the LMU Munich, Munich, January 14, 2008.
- [7] Research Seminar at the University of Mainz, Mainz, January 7, 2008.
- [6] Faculty Seminar at the Economics Department of the LMU Munich, Munich, December 17, 2007.
- [5] wiiw Seminar in International Economics, Vienna, WS 2004/05.
- [4] Research Workshop “Trade, Industrialization, and Development”, Erasmus University Rotterdam, April 24-27, 2006; May 20, 2005; October 29, 2004.
- [3] FWF-Project-Seminar “International Taxation”, University of Innsbruck, WS 2004/05.
- [2] Research Seminar Econometrics at the University of Innsbruck, SS 2003, WS 2003/04 and SS 2004.
- [1] PhD-Seminar at the University of Innsbruck, SS 2003 and SS 2004.

--- Refereeing (in alphabetical order)

Agence nationale de la recherche (ANR), American Economic Journal: Macroeconomics, American Economic Review, American Journal of Agricultural Economics, Annals of Regional Science, Applied Economics, Applied Economics Letters, B.E. Journal of Economic Analysis & Policy (2x), Betriebswirtschaftliche Forschung und Praxis, British Academy, Bulletin of Economic Research, Cambridge Journal of Regions, Economy and Society, Cambridge University Press, Canadian Journal of Economics (13x), Central Bank of

the Republic of Turkey Working Paper Series, CESifo Economic Studies, Contemporary Economic Policy (2x), Deutsch-Polnische Wissenschaftsstiftung (DPWS), Econometric Reviews (2x), Econometrica, Economic Inquiry (8x), Economic Journal (7x), Economic Modelling, Economic Policy, Economic Systems Research, Economic Theory, Economics - The Open-Access, Open-Assessment E-Journal (2x), Economics Bulletin (2x), Economics Letters (14x), Economics of Transition, Economie Internationale, Empirica (7x), Empirical Economics (8x), Environmental and Resource Economics, European Economic Review (20x), European Journal of Development Research, European Review of Agricultural Economics, Finanzarchiv/Public Finance Analysis (2x), German Economic Association (3x), German Research Foundation (DFG, 13x), ifo Working Paper Series (4x), IMF Economic Review, International Economics and Economic Policy (6x), International Economic Review (7x), International Interactions, International Journal of Comparative Sociology, International Review of Economics and Finance, International Review of Law and Economics, Italian Economic Journal, Journal of African Economies, Journal of Applied Econometrics (4x), Journal of Applied Economics, Journal of Business & Economic Statistics, Journal of Development Economics (4x), Journal of Economic Behavior & Organization (2x), Journal of Economic Dynamics and Control (2x), Journal of Economic Geography (3x), Journal of Economic Growth (2x), Journal of Economic Psychology, Journal of Environmental Economics and Management (5x), Journal of International Economics (18x), Journal of International Trade & Economic Development (7x), Journal of Public Economics (2x), Journal of the Association of Environmental and Resource Economists, Journal of the European Economic Association (4x), Macroeconomic Dynamics, The Manchester School, National Science Centre Poland (Narodowe Centrum Nauki), Nature, Nature Communications, New Opportunities for Research Funding Agency Cooperation in Europe (NORFACE) Welfare State Futures program, OeNB Anniversary Fund (8x), OeNB Focus on European Economic Integration, Oxford Bulletin of Economics and Statistics, Oxford Economic Papers (3x), Papers in Regional Science, Perspektiven der Wirtschaftspolitik (2x), Quantitative Economics, Quarterly Journal of Economics (3x), Regional Science and Urban Economics, Research Center International Economics (FIW)-Research Conference (21x), Research Grants Council of Hong Kong (17x), Review of Development Economics (2x), Review of Economics and Statistics, Review of International Economics (13x), Review of International Organizations (2x), Review of World Economics (Weltwirtschaftliches Archiv) (11x), Scandinavian Journal of Economics, Schmollers Jahrbuch (Journal of Applied Social Science Studies, Zeitschrift für Wirtschafts- und Sozialwissenschaften), Science, Scottish Journal of Political Economy, Social Sciences and Humanities Research Council (SSHRC), Spatial Economic Analysis, Swiss National Science Foundation, Wissenschaftliche Kommission Niedersachsen (Förderprogramm PRO*Niedersachsen), The World Economy (21x), World Development.

September 19, 2026