

Joschka Wanner

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Personal

Born November 26th 1989 in Stuttgart, Germany
Citizenship German

Research Interests

International Trade, especially Structural Gravity Models
Globalization and the Environment
International Environmental Agreements
Econometrics

Current Positions

since 11/2020 **Assistant Professor of Quantitative Economics**, *University of Potsdam*.
since 04/2021 **Faculty Member**, *Berlin School of Economics*.
since 03/2020 **External Researcher**, *Kiel Institute for the World Economy*.

Previous Position

05/2013–03/2020 **Research Assistant**, *University of Bayreuth*.

Education

09/2015–11/2019 **PhD**, *University of Bayreuth*, Economics, “**Gravity in International Trade: Econometric Challenges and Environmental Extensions**” (summa cum laude).
First supervisor: Mario Larch, second supervisor: Jonathan Eaton, examination chairman: Hartmut Egger
02/2019–05/2019 **Visiting Scholar**, *Pennsylvania State University, United States*.
09/2010–07/2017 **Bachelor of Science (Honours)**, *Open University, United Kingdom*, Mathematics and Statistics (first-class honours).
04/2013–09/2015 **Master of Science**, *University of Bayreuth*, Economics (with distinction).
09/2011–01/2012 **Term abroad**, *University of Nottingham, United Kingdom*.
10/2008–04/2013 **Bachelor of Arts**, *University of Bayreuth*, International Economics and Development (with distinction).
09/2000–06/2008 **High School Diploma (Abitur)**, *Erasmus Widman Gymnasium, Schwäbisch Hall*, (with distinction).

Refereed Publications

- 2021 [A Tale of \(Almost\) 1001 Coefficients: The Deep and Heterogeneous Effects of the EU-Turkey Customs Union](#) (with Mario Larch and Aiko Schmeißer), *Journal of Common Market Studies*, 59(2), 242–260.
- [Worth the Pain? Firms' Exporting Behaviour to Countries under Sanctions](#) (with Matthieu Crozet, Julian Hinz, and Amrei Stammann), *European Economic Review*, 134, 103683.
- 2019 [Currency Unions and Trade: A PPML Re-assessment with High-Dimensional Fixed Effects](#) (with Mario Larch, Yoto V. Yotov, and Thomas Zylkin), *Oxford Bulletin of Economics and Statistics*, 81(3), pp. 487–510.
- [Review of Thermophysical Property Data of Octadecane for Phase-Change Studies](#) (with Moritz Faden, Stephan Höhle, Andreas König-Haagen, and Dieter Brüggemann), *Materials*, 12(18), 2974.
- 2018 [Bi- and Unilateral Trade Effects of Joining the Euro](#) (with Mario Larch and Yoto V. Yotov), *Economics Letters*, 171, pp. 230–234.
- [Can Degrowth Overcome the Leakage Problem of Unilateral Climate Policy?](#) (with Mario Larch and Markus Löning), *Ecological Economics*, 152, pp. 118–130.
- 2017 [Carbon Tariffs: An Analysis of the Trade, Welfare and Emission Effects](#) (with Mario Larch), *Journal of International Economics*, 109, pp. 195–213.

Other Publications

- 2021 [Folgen eines höheren CO₂-Preises in der EU — wer gewinnt, wer verliert?](#) (Consequences of a higher carbon price in the EU — who will win, who will lose?, joint with Hendrik Mahlkow and Thieß Petersen), *Wirtschaftsdienst*, 101(11), 870–877.
- [EU-Klimapolitik, Klimaclubs und CO₂-Grenzausgleich](#) (EU Climate Policy, Climate Clubs, and Carbon Border Adjustment, joint with Hendrik Mahlkow, Gabriel Felbermayr and Sonja Peterson), Report on behalf of the Bertelsmann Foundation.
- [Der Effekt von klimapolitischen Maßnahmen auf CO₂-Emissionen und CO₂-Fußabdrücke](#) (The Effect of Climate Policy Measures on Carbon Emissions and Carbon Footprints, joint with Sonja Peterson and Gabriel Felbermayr), Report on behalf of the Bertelsmann Foundation.
- [CO₂-Bepreisung](#) (Carbon Pricing, joint with Thieß Petersen, Sonja Peterson, and Thomas Rausch), Bertelsmann Foundation Factsheet.

Policy Columns/Blogs

- 2021 [Internationale Emissions- und Verteilungseffekte eines höheren CO₂-Preises in der EU](#) (International Emission and Distribution Effects of a Higher EU Carbon Price, joint with Hendrik Mahlkow and Thieß Petersen), *Ökonomenstimme*.
- [Firms' exporting behaviour to countries under sanctions](#) (with Matthieu Crozet, Julian Hinz, and Amrei Stammann), *VoxEU*.

Revisiting the Trade Effects of the EU-Turkey Customs Union (with Mario Larch and Aiko Schmeißer), *JCMS Blog*.

Working Papers

[The Consequences of Unilateral Withdrawals from the Paris Agreement](#) (with Mario Larch), CESifo Working Paper No. 7804.

[State Dependence and Unobserved Heterogeneity in the Extensive Margin of Trade](#) (with Julian Hinz and Amrei Stammann, previously called “Persistent Zeros: The Extensive Margin of Trade” Kiel Working Paper No. 2139).

Selected Work in Progress

The Carbon Footprint of Global Trade Imbalances (with Hendrik Mahlkow).
Multinationals, Trade, and Emissions: A Quantitative Exploration (with Yuta Watabe).

Brothers in Arms: The Value of Coalitions in Sanctions Regimes (with Sonali Chowdry, Julian Hinz, and Katrin Kamin).

Emission Reductions from Including Maritime Transport into the EU ETS (with Jakob Bartscher and Mario Larch).

Trading Less, but Greener? The Effects of Environmental Provisions in Free Trade Agreements (with Miriam Frey and Elisa Rottner).

Separating the Wheat from the Chaff: Fast Estimation of GLMs with High-Dimensional Fixed Effects (with Julian Hinz and Alexander Hudlet).

Heteroskedasticity, Zeroes, Incidental Parameters, Weighting, and Model Misspecification: What Drives the Differences in Gravity Estimates? (with Julian Hinz, Mario Larch and Yoto V. Yotov).

Software

`glmhdfe`: R package for fast estimation of generalized linear models with high-dimensional fixed effects, based on an iterative procedure with separate updating of the fixed effects (joint work with Alexander Hudlet and Julian Hinz).

Conference and Seminar Presentations

- 2022 Workshop "Internationale Wirtschaftsbeziehungen" (Göttingen)
- 2021 Mercator Research Institute on Global Commons and Climate Change (held online), CESifo Area Conference on Global Economy (held online), Canadian Economic Association (held online), Workshop “Shaping Globalization” (held online), European Meeting of the Econometric Society (held online), German Economic Association (held online), Berlin School of Economics “Opportunity Day”, IX. Annual Conference on Global Economy at the Higher School of Economics (held online)
- 2020 Workshop "Internationale Wirtschaftsbeziehungen" (Göttingen), Kiel Institute for the World Economy, European Association of Environmental and Resource Economists (held online), F.R.E.I.T. Empirical Trade Online Seminar (video available [here](#))

- 2019 Brock University, Drexel University, Midwest International Economics Spring Meeting (Bloomington), European Trade Study Group (Bern), University of Freiburg
- 2018 Workshop "Internationale Wirtschaftsbeziehungen" (Göttingen), Kiel Centre for Globalization, University of Innsbruck, 2nd "Trade and International Sourcing: The Academic Network (TRISTAN)" Workshop (Bayreuth), World Congress of Environmental and Resource Economists (Gothenburg), European Trade Study Group (Warsaw), FIW Research Conference "International Economics" (Vienna), Aarhus-Kiel Workshop (Sandbjerg)
- 2017 European Trade Study Group (Florence)
- 2016 Workshop "Internationale Wirtschaftsbeziehungen" (Göttingen)
- 2015 European Association of Environmental and Resource Economists (Helsinki), European Trade Study Group (Paris), FIW Research Conference "International Economics" (Vienna)
- 2014 Workshop "Internationale Wirtschaftsbeziehungen" (Göttingen), GEP Postgraduate Conference (Nottingham), European Economic Association (Toulouse)
- 2013 European Trade Study Group (Birmingham)

Other Invited Talks

- 11/2021 **“EU’s Carbon Pricing: A Start for Decarbonising Trade with Russia?”**, Expert Roundtable by the Heinrich-Böll-Foundation (held online).
- 04/2020 **“After Trump the Deluge? The Consequences of the US Withdrawal from the Paris Climate Agreement”**, German-American Institute Tübingen (held online, video available [here](#)).
- 06/2019 **“After Trump the Deluge? The Consequences of the US Withdrawal from the Paris Climate Agreement”**, part of the lecture series “Has Donald Trump really disrupted global governance?”, FAU Nürnberg-Erlangen, Germany.

Awards and Scholarships

- 11/2018 Best Paper Award at the 11th FIW Research Conference "International Economics".
- 02/2009–09/2015 Scholarship by the German National Academic Foundation.

Participation in Third-Party Funded Projects

- since 11/2021 The Brussels Effect 2.0: How the EU sets global standards with its trade policy, one of seven authors of the report, funded by the Austrian Federal Ministry of Digital and Economic Affairs.
- since 03/2021 Economic Cluster Africa Research, subproject on trade perspectives in and with Africa, one of four authors of the report, funded by the German Ministry for Economics and Energy and Ministry of Finance.

- 12/2021–04/2022 Structured literature review and modelling suggestions on the impact of trade and trade policy on the environment and the climate, one of three authors of the report, funded by the European Commission.
- 02/2021–06/2021 CO2-Grenzausgleich für nachhaltiges Wirtschaften (Carbon Border Tax Adjustment for a Sustainable Economy), one of four authors of both of the study's two reports, funded by the Bertelsmann Foundation.
- 05/2013–11/2015 Gravity with Unemployment: Empirical Analysis of the Effects of International Trade in the Presence of Labor Market Imperfections, research assistant, funded by the German Research Foundation (DFG).

Teaching

- 2021/2022 **Structural Estimation in International Economics (Lecture and Exercise Class)**, *University of Potsdam & Berlin School of Economics*, graduate & PhD level.
- 2020/21–2021/22 **Advanced Quantitative Methods (Lecture and Exercise Class)**, *University of Potsdam*, undergraduate level, *annually*.
- 2021 **Introduction to Statistics (Lecture)**, *University of Potsdam*, undergraduate level.
- Panel Data Econometrics (Lecture and Exercise Class)**, *University of Potsdam & Berlin School of Economics*, graduate & PhD level.
- 2020/2021 **International Political Economics (Seminar)**, *University of Potsdam*, graduate level.
- 2019 **Certificate for Teaching in Higher Education of the Bavarian Universities**, basic level (corresponding to the participation in at least 60 units à 45 minutes in seminars on academic teaching).
- 2019/2020 **Climate Econometrics (Seminar)**, *University of Bayreuth*, graduate level, together with Mario Larch.
- 2015–2019 **Empirical Labor Economics (Exercise Class)**, *University of Bayreuth*, graduate level, *annually*.
- 2016/17–2019/20 **Advanced Econometrics (Exercise Class)**, *University of Bayreuth*, graduate level, *annually*.
- 2016/17–2018/19 **Empirical International Trade (Seminar and Computer Exercise Class)**, *University of Bayreuth*, graduate level, together with Mario Larch, *annually*.
- 2017–2019 **Introduction to Empirical Methods (Lecture and Exercise Class)**, *University of Bayreuth*, graduate level.
- 2016 **Introduction to Empirical Methods (Lecture)**, *University of Bayreuth*, graduate level.
- 2015/2016 **Econometrics of Panel Data and Time Series (Exercise Class)**, *University of Bayreuth*, undergraduate level, together with Steffen Sirries.
- 2015/2016 **Empirical International Trade (Lecture and Exercise Class)**, *University of Bayreuth*, graduate level, together with Mario Larch.
- 2015 **Economic Methods and Techniques (Lecture)**, *University of Bayreuth*, undergraduate level.

2013 **Tutorials in Econometrics**, *University of Bayreuth*, undergraduate level.

Refereeing

Annual Congress of the German Economic Association (Verein für Socialpolitik), Applied Economics, Canadian Journal of Economics, Ecological Economics, Economic Systems, Economics Bulletin, Economics Letters, Economics Modelling, European Economic Review (4x), European Journal of Law and Economics, International Economics (3x), International Trade Journal, Journal of Comparative Economics, Journal of Public Economics, Journal of Public Economic Theory, Natural Resources Forum, OeNB's Anniversary Fund, Open Economies Review, Oxford Bulletin of Economics and Statistics, Review of International Economics (3x), Review of International Organizations, Review of World Economics (5x), Structural Change and Economic Dynamics, World Economy

Other Activities

- since 2021 University of Potsdam's Center for Economic Policy Analysis' Responsible for Social Media
- since 2020 Member of the Study Commission of the University of Potsdam's Faculty of Economics and Social Sciences
- 2021 & 2022 Member of the Berlin School of Economic's PhD selection committee
- 2021 Co-organizer of the 7th Potsdam PhD Workshop in Empirical Economics
- 2017–2020 Member of the University of Bayreuth's Presidential Commission on Teaching and Academic Studies

Languages

- German native
- English fluent
- French good command

Computer Skills

- Scientific GAMS, Gretl, R, Scilab, STATA
- Other L^AT_EX, Microsoft Office

References

Prof. Dr. Mario Larch, Chair for Economics VI: Empirical Economics, University of Bayreuth, mario.larch@uni-bayreuth.de.

Professor Jonathan Eaton, PhD, Department of Economics, Pennsylvania State University, jxe22@psu.edu.

Professor Yoto V. Yotov, PhD, LeBow College of Business, Drexel University, yotov@drexel.edu.