

CURRICULUM VITAE

PERSONAL DATA

Place, date of birth: Vienna, 8 May 1974
Citizenship: Austria
Marital status: Married, two children

RESEARCH INTERESTS

International Economics
International Macroeconomics
European Integration
Applied Econometrics

EDUCATION

6/2007 Venia Legendi in Economics, WU Vienna
2000-2001 Doctor of Social and Economic Sciences, WU Vienna
1994-2000 Master of Social and Economic Sciences, WU Vienna

LANGUAGES

German (native)
English (proficient)

PROFESSIONAL EXPERIENCE

Since 10/2015 Vice Rector, Financial Affairs, WU Vienna
Since 3/2010 Full Professor of International Economics, WU Vienna
6/2009-2/2010 Researcher at the Economic Studies Division, Oesterreichische Nationalbank
9/2007-8/2008 Erwin-Schrödinger Research Fellow, Center for Economic Studies (CES), University of Munich
2/2002-5/2009 Assistant (as of 2007 Associate) Professor at the Europainstitut, WU Vienna
6/1999-1/2002 Research Assistant at the Europainstitut, WU Vienna

FURTHER AFFILIATIONS

Austrian Institute of Economic Research (WIFO)
CESifo Munich

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS

Austrian Economic Association (NOeG)
European Economic Association (EEA)
German Economic Association (Verein für Socialpolitik)
Ausschuss für Außenwirtschaftstheorie und -politik
Ausschuss für Regionaltheorie und -politik

FURTHER PROFESSIONAL ACTIVITIES

- Executive Board Member of *European Community Studies Association* (ECSA) Austria (since 2011)
- Editorial Board Member of *Empirica* (since 2010)
- Deputy head of the Department of Economics, WU Vienna (2012-2015)
- Member of the Senate, WU Vienna (2012-2015)
- General Secretary of *Austrian Economic Association* (2009-2010)
- Referee for *Annals of Regional Science*, *American Economic Journal: Macroeconomics*, *Bulletin of Economic Research*, *CESifo Economic Studies*, *Economica*, *Economic Modelling*, *Economic Journal*, *Empirica*, *Empirical Economics*, *European Economic Review*, *European Integration Online Papers*, *European Journal of Political Economy*, *European Review of Agricultural Economics*, *Financial Management*, *Journal of Applied Economics*, *Journal of Common Market Studies*, *Journal of Comparative Economics*, *Journal of Econometrics*, *Journal of Macroeconomics*, *Journal of Income Distribution*, *Journal of Money, Credit, and Banking*, *OeNB Working Papers*, *Oxford Bulletin of Economics and Statistics*, *Papers in Regional Science*, *Regional Science and Urban Economics*, *Regional Studies*, *Review of International Economics*, *The B.E. Journal of Macroeconomics*, *The World Economy*, *Weltwirtschaftliches Archiv*.

SCIENTIFIC AWARDS

- 2013 Rank 6 in Top 100 researchers under 40 years old and 77 in Top 100 researchers since 2007 in the Handelsblatt Ranking of Economists (Austria, Germany, Switzerland)
- 2011 WU Best Paper Award of the city Vienna (WUBPA)
- 2007 Klaus Liebscher Award of the Oesterreichische Nationalbank (OeNB)
- 2005 Young Economist Award of the Austrian Economic Association (NOeG)
- 2003 WU Best Paper Award of the city Vienna (WUBPA)
- 2003 Windhag-Leistungsstipendium of the county Lower Austria
- 2002 Stephan-Koren-Prize of the WU Vienna
- 2001 Franz Weninger Stipendium of the Oesterreichische Nationalbank (OeNB)
- 2000 Talenta-Prize of the city Vienna

PUBLICATIONS

i) In Refereed Journals

2022

- Measuring monetary policy in the euro area using SVARs with residual restrictions. *American Economic Journal: Macroeconomics*, forthcoming (with Stefan Schiman).

2019

- Trade balance dynamics and exchange rates: in search of the J-curve using a structural gravity approach. *Review of International Economics*, 27, 1268-1293 (with Aurélien Fichet de Clairfontaine).

- Productivity growth, human capital, and technology spillovers: nonparametric evidence for EU regions. *Oxford Bulletin of Economics and Statistics*, 81(4), 768-779 (with Peter Egger and Max von Ehrlich).

2017

- The case for fiscal rules. *Economic Modelling*, 60, 334-343 (with Wolf Heinrich Reuter).
- Determinants of fiscal rules. *Applied Economics Letters*, 24(3), 154-158 (with Wolf Heinrich Reuter).
- Fiscal rules and twin deficits: the link between fiscal and external balances. *The World Economy*, 40(1), 21-35 (with Aurélien Fichet de Clairfontaine and Wolf Heinrich Reuter).
- Spacey parents and spacey hosts in FDI. *Economica*, 84(335), 480-497 (with Peter Egger).

2016

- Summarizing data using partially ordered set theory: an application to fiscal frameworks in 97 countries. *Statistical Journal of the International Association for Official Statistics*, 32, 383-402 (with Julia Bachtrögl, Aurélien Fichet de Clairfontaine, and Wolf Heinrich Reuter).
- Productivity spillovers across countries and industries: new evidence from OECD countries. *Oxford Bulletin of Economics and Statistics*, 78(4), 501-521 (with Peter Egger).
- Economic growth, volatility, and cross-country spillovers: new evidence for the G7 countries. *Economic Modelling*, 52, 352-365 (with Nikolaos Antonakakis).

2015

- Fixed effects and random effects estimation of higher-order spatial autoregressive models with spatial autoregressive and heteroskedastic disturbances. *Spatial Economic Analysis*, 10(1), 11-35 (with Peter Egger).
- Aggregativity: Estimating gravity models from aggregate data. *Applied Economics*, 47(20), 2119-2126 (with Jesus Crespo Cuaresma).
- Measurement of fiscal rules: introducing the application of partially ordered set (POSET) theory. *Journal of Macroeconomics*, 43, 108-123 (with Wolf Heinrich Reuter).

2014

- Globalization and corruption, revisited. *The World Economy*, 37(10), 1424-1440 (with Elisabeth Nindl).
- Theoretical versus empirical power indices: do preferences matter? *European Journal of Political Economy*, 36, 158-176 (with Monika Mühlböck, Elisabeth Nindl, and Wolf Heinrich Reuter).
- International business cycle spillovers since the 1870s. *Applied Economics*, 46(30), 3682-3694 (with Nikolaos Antonakakis).
- National representation in multinational institutions: the case of the European Central Bank. *Journal of Comparative Economics*, 42(1), 19-33 (with Volker Nitsch).
- Currency unions, export margins, and product differentiation: an empirical assessment for European Monetary Union. *Review of International Economics*, 22(1), 13-30 (with Kemal Türkcan).

2013

- Export credit guarantees and export performance: evidence from Austrian firm-level data. *The World Economy*, 36(9), 1115-1130 (with Thomas Url).
- Estimation and testing of higher-order spatial autoregressive panel data error component models. *Journal of Geographical Systems*, 15(4), 453-489 (with Peter Egger).
- Measuring the world economy. *The World Economy*, 36(1), 12-30.

2012

- International spillovers of output growth and output growth volatility: evidence from the G7. *International Economic Journal*, 26(4), 635-653 (with Nikolaos Antonakakis).
- Sacrifice ratios, benefice ratios, and globalization: evidence from a new set of estimates. *Economics Bulletin*, 32(1), 421-428 (with Elisabeth Nindl).
- Cyclical expenditure policy, output volatility, and economic growth. *Applied Economics*, 44(7), 835-851.

2011

- Estimation of spatial autoregressive M-way error component panel data models. *Annals of Regional Science*, 47(2), 269-310 (with Peter Egger).
- Estimation of higher-order spatial autoregressive cross-section models with heteroskedastic disturbances. *Papers in Regional Science*, 90(1), 213-236 (with Peter Egger).

2010

- Output volatility and economic growth. *Economics Letters*, 106(1), 15-18.
- Horizontal versus vertical interdependence in multinational activity. *Oxford Bulletin of Economics and Statistics*, 72(6), 744-768 (with Peter Egger).

2009

- Globalization, the output-inflation tradeoff, and inflation. *European Economic Review*, 53(8), 888-907.
- Legal and economic issues in completing the EU Internal Market for services: an interdisciplinary perspective. *Journal of Common Market Studies*, 47(4), 693-717 (with Niklas Maydell).
- Country size and the trade effects of the Euro. *Weltwirtschaftliches Archiv*, 145(2), 207-223 (with Fritz Breuss).
- Fiscal rules, discretionary fiscal policy, and macroeconomic stability: an empirical assessment for OECD countries. *Applied Economics*, 41(7), 829-847.

2008

- Trade policy and productivity. *European Economic Review*, 52(5), 867-891. item AS-AD revisited: overshooting adjustment dynamics under naive expectations. *Metroeconomica*, 59(4), 574-593 (with Ingrid Kubin).
- Cross-country evidence on the productivity effects of trade: the role of competition and country size. *Applied Economics Letters*, 15(9), 671-675.
- Globalization, Taylor rules, and inflation. *Applied Economics Letters*, 17(3), 263-267. item Trade and productivity: an industry perspective. *Empirica*, 35(2), 213-231 (with Fritz Breuss).
- Technology- and investment-led growth effects of economic integration: a panel cointegration analysis for the EU-15 (1960-2000). *Applied Economics Letters*, 15(7), 557-561.

2007

- Has the EU's Single Market Programme fostered competition? Testing for a decrease in markup ratios in EU industries. *Oxford Bulletin of Economics and Statistics*, 69(4), 497-519.
- Market size, trade, competition and productivity: evidence from OECD manufacturing industries. *Applied Economics*, 39(17), 2143-2157.

2006

- Fiscal shocks, output dynamics and macroeconomic stability: an empirical assessment for Austria (1983-2002). *Empirica*, 33(5), 267-284.
- Country size and the gains from trade bloc enlargement: an empirical assessment for the European Community. *Review of International Economics*, 14(4), 615-631 (with Fritz Breuss).

2005

- Has Austria's accession to the EU triggered an increase in competition? A sectoral markup study. *Empirica*, 32(2), 145-180 (with Fritz Breuss).
- Growth effects of economic integration: evidence from the EU member states (1950-2000). *Weltwirtschaftliches Archiv*, 141(1), 50-78.
- The factors behind European regional growth: trade, human capital and innovation. *Jahrbuch für Regionalwissenschaft*, 25(1), 67-89 (with Gabriele Tondl).

2004

- Economic and legal issues in reducing the eurosystem's excess of international reserves. *Journal of Common Market Studies*, 43(3), 453-471 (with Barbara Dutzler).
- Regional convergence in the European Union (1985-1999): a spatial dynamic panel analysis. *Regional Studies*, 38(3), 241-253 (with Werner Müller and Gabriele Tondl).
- What has determined the rapid post-war growth of intra-EU trade? *Weltwirtschaftliches Archiv*, 1, 31-51 (with Fritz Breuss).
- Austria's demand for international reserves and monetary disequilibrium: the case of a small open economy with a fixed exchange rate regime. *Economica*, 71, 39-55.

2002

- Determinants of regional unemployment: some evidence from Austria. *Regional Studies*, 36(9), 977-988 (with Thomas Url).
- Welfare effects of the EU's Organization of the Market in Bananas. *Journal of Common Market Studies*, 40(3), 515-526 (with Fritz Breuss and Bernhard Mahlberg).

ii) Contributions to Books, Conference Volumes, and Other Publications

- International trade: Facts and fictions. In: Gnan, E. and Kronberger, R. (eds.). *Schwerpunkt Außenwirtschaft. Protektionismus: Ursachen, Erscheinungsformen, ökonomische Effekte*. Vienna: Facultas, 2018, 153-163 (with Jesus Crespo Cuaresma and Harald Oberhofer).
- A critical perspective on future European integration. In: Campos, N.F. and Sturm, J.-E. (eds.). *Bretton Woods, Brussels, and Beyond: Redesigning the Institutions of Europe*. London: CEPR Press, 2018, 43-47.
- Efficiency, proportionality and member states' power in the EU Council of Ministers. In: Badinger, H. and Nitsch, V. (eds.). *Handbook of the Economics of European Integration*. London: Routledge, 2016, 449-466 (with Nikolaos Antonakakis and Wolf Reuter).
- Users and effects of Austrian export credit guarantees. *CESifo Forum*, 3/2014, 39-44 (with Thomas Url).
- Wohlstand ohne Wachstum? *Wirtschaftspolitische Blätter*, 3/2013, 395-412.
- Supranationalism in monetary policy decision-making. *CESifo DICE Report*, 1/2012, 27-31 (with Volker Nitsch).

- Die Auswirkungen des Euro auf den Außenhandel der EU und Österreichs. *FIW Policy Brief*, No. 15, March 2012.
- A new growth strategy for Europe? In: OeNB (ed.). *Proceedings of the 39th Economics Conference of the Oesterreichische Nationalbank*, Vienna: OeNB, 2011, 147-153.
- The quantitative effects of EU post-war economic integration. In: Jovanovic, M. (ed.). *International Handbook of Economic Integration*. Cheltenham: Edward Elgar, 2011, 285-315 (with Fritz Breuss).
- Macroeconomic effects of the services directive. In: Breuss, F., Fink, G., and Griller, S. (eds.). *Completing the EU Internal Market for Services*. WienNewYork: Springer, 2008, 125-165 (with Fritz Breuss, Richard Sellner, and Philip Schuster).
- Comment on Böheim, M. Will further market integration and intensified competition lead to higher growth in Austria? In: OeNB (ed.). *Strategies for Employment and Growth in Austria*. Proceedings of OeNB Workshops, No. 10, Vienna: OeNB, 2006, 51-56.
- The European Single Market for Services in the context of the Lisbon Agenda: macro-economic effects. In: BMWA (ed.), *Deepening the Lisbon Agenda: Studies on Productivity, Services, and Technologies*. Vienna: Austrian Federal Ministry of Economics and Labour, 2006, 79-108 (with Fritz Breuss).
- Trade, human capital and innovation: the engines of European regional growth in the 1990s. In: Fingleton, B. (ed.). *European Regional Growth*. BerlinNewYork: Springer, 2003, 215-239 (with Gabriele Tondl).
- Welfare implications of the EU's Common Organization of the Market in Bananas for EU Member States. In: Breuss, F., Griller, S. and Vranes, E. (eds.). *The Banana Dispute: An Economic and Legal Analysis*. WienNewYork: Springer, 2002, 357-417 (with Fritz Breuss and Bernhard Mahlberg).
- Excess reserves in the eurosystem: an economic and legal analysis. In: Breuss, F., Fink, G., and Griller, S. (eds.). *Economic and Monetary Union: Institutional, Legal and Economic Aspects*. WienNewYork: Springer, 2002, 37-65 (with Barbara Dutzler).

iii) Monographs, Editorships

- *Handbook of the Economics of European Integration*. London: Routledge, 2016 (editor, with Volker Nitsch).
- *Wachstumseffekte der Europäischen Integration. Publications Series of the Europainstitut*. Wirtschaftsuniversität Wien, Vol. 21, WienNewYork: Springer, 2003.

iv) Recent Working Papers

- Measuring monetary policy with residual sign restrictions at known shock dates. *WU Economics/CESifo/WIFO Working Paper*, September 2020.
- What do central bankers do? Evidence from the European Central Bank's Executive Board. *WU Economics Working Paper*, No. 277, January 2019.

v) Theses

- *Adäquanz und Optimalität internationaler Reserven - theoretische Aspekte und eine Schätzung der Reservenachfrage Österreichs (1970-1998)*. Master Thesis, Wirtschaftsuniversität Wien, December 1999.
- *Wachstumseffekte wirtschaftlicher Integration - theoretische Perspektiven und eine Schätzung der Wachstumseffekte der wirtschaftlichen Integration Europas*. Doctoral Dissertation, Wirtschaftsuniversität Wien, October 2001.

SELECTED PRESENTATIONS

- *INFER Conference, Lisbon, November 2019*
What do central bankers do? Evidence from the European Central Bank's executive board.
- *Karl Popper Society, AAU Klagenfurth, 23 May 2019*
Die Zukunft der Europäischen Integration.
- *EcoMod2018 Conference, Venice, July 2018*
Dynamics of the trade balance: in search of the J-curve using a structural gravity approach.
- *Applied Economics Association Meeting, Alcalá de Henares, June 2018*
Dynamics of the trade balance: in search of the J-curve using a structural gravity approach.
- *Globalization, Integration and the Future of Europe, KOF, ETH Zürich, March 2018*
European integration and the future institutions of Europe.
- *Research Seminar, Universität Salzburg, January 2018*
Dynamics of the trade balance: in search of the J-curve using a structural gravity approach.
- *Ifo Conference on State Export Credit Guarantees in a Globalized World in Munich, February 2014*
Export guarantees and export performance: evidence from Austrian firm-level data.
- *Symposium zum 60jährigen Bestehen der Stiftung Europa-Kolleg Hamburg, November 2013*
Sechs Dekaden europäischer Integration - eine Standortbestimmung: Der Binnenmarkt.
- *52nd European Congress of the Regional Science Association in Bratislava, August 2012*
Measuring the world economy.
- *XIIIth International Economics Conference in Granada, June 2012*
Export guarantees and export performance: evidence from Austrian firm-level data.
- *Joint Research Seminar of ETH and University of Zuerich, May 2012*
Output volatility, economic growth, and cross-country spillovers: new evidence for the G7 countries.
- *4th FIW Lecture, Federal Ministry of Economy, Family and Youth, April 2012*
Die Auswirkungen des Euro auf den Außenhandel der EU und Österreichs.
- *ECSA Conference on European Economic Governance in Salzburg, October 2011*
Traum und Wirklichkeit: Das System der Wirtschaftssteuerung vor dem Hintergrund politischer und ökonomischer Vorstellungen von einer Europäischen Wirtschaftsregierung.
- *39th Economics Conference of the Oesterreichische Nationalbank in Vienna, May 2011*
A new growth strategy for Europe.
- *Jahrestagung des Ausschusses für Regionaltheorie und -politik in Berlin, October 2010*
Measuring the world economy.
- *85th Annual Congress of the Western Economic Association in Portland, July 2010*
Individual attitudes towards European integration.
- *10th Annual Congress of the European Trade Study Group in Rome, September 2009*
Spacey parents vs. spacey hosts of FDI.
- *24th Annual Congress of the European Economic Association in Barcelona, August 2009*
Horizontal versus vertical interdependence in multinational activity.
- *3rd World Conference of Spatial Econometrics in Barcelona, July 2009*
Horizontal versus vertical interdependence in multinational activity.
- *Jahrestagung des Ausschusses für Regionaltheorie und -politik in Nürnberg, October 2008*
Intra-and inter-industry productivity spillovers in OECD manufacturing: a spatial econometric perspective.

- *WIFO External Seminar in Vienna, September 2008*
Cyclical fiscal policy, output volatility, and economic growth.
- *23rd Meeting of the European Economic Association in Milan, August 2008*
Intra- and inter-industry productivity spillovers in OECD manufacturing: a spatial econometric perspective.
- *Annual Meeting of the Austrian Economic Association in Vienna, May 2008*
Country size and trade effects of the Euro.
- *Econometric Research Seminar at the Institute for Advanced Studies (IHS) in Vienna, May 2008*
Intra- and inter-industry spillovers in OECD manufacturing: a spatial econometric perspective.
- *FIW Research Conference International Economics in Vienna, December 2007*
Globalization, the output-inflation tradeoff, and inflation.
- *CESifo Lunchtime Seminar in Munich, October 2007*
Globalization, the output-inflation tradeoff, and inflation.
- *62nd International Atlantic Economic Conference in Madrid, March 2007*
Macroeconomic effects of completing the internal market for services.
- *8th Annual Conference of the European Trade Study Group (ETSG) in Vienna, September 2006*
Trade and productivity reconsidered: an industry and aggregate perspective.
- *XIth Spring Meeting of Young Economists in Seville, May 2006*
Trade policy, trade, institutions and productivity.
- *61st International Atlantic Economic Conference in Berlin, March 2006*
Trade and productivity: an industry and aggregate perspective.
- *OeNB-Workshop: Strategien für Wachstum und Beschäftigung in Österreich in Vienna, March 2006*
Von wirtschaftlicher Integration zu Wachstum und Beschäftigung. Comment on: Michael Böheim, Wachstumssteigerungspotenzial in Österreich durch weitere Marktintegration und höhere Wettbewerbsintensität?
- *20th Annual Congress of the European Economic Association in Amsterdam, August 2005*
Trade and productivity: an industry perspective.
- *Econometric Research Seminar at the Institute for Advanced Studies (IHS) in Vienna, June 2005*
Has the EU's Single Market Programme led to an increase in competition? Testing for a decrease in markups in EU industries.
- *Annual Meeting of the Austrian Economic Association in Innsbruck, May 2005*
Fiscal rules, discretionary fiscal policy, and macroeconomic stability: an empirical assessment for OECD countries.
- *Workshop aus Finanzwissenschaft in Innsbruck, January 2005*
Fiscal shocks, output dynamics and macroeconomic stability: an empirical assessment for Austria (1983-2002).
- *19th Annual Congress of the European Economic Association in Madrid, August 2004*
Country size and the gains from trade bloc enlargement: an empirical assessment for the European Community.
- *Annual Meeting of the Austrian Economic Association in Vienna, May 2004*
Do we really know that the EU's Single Market Programme has led to an increase in competition? Testing for a decrease in markups in EU industries.
- *57th International Atlantic Economic Conference in Lisbon, March 2004*
Country size and the gains from trade bloc enlargement: an empirical assessment for the European

Community.

- *58th European Meeting of the Econometric Society in Stockholm, August 2003*
Regional convergence in the European Union (1985-1999): a spatial dynamic panel analysis.
- *Annual Meeting of the Austrian Economic Association in Klagenfurt, May 2003*
Austria's demand for international reserves and monetary disequilibrium: the case of a small open economy with a fixed exchange rate regime.
- *VIIIth Spring Meeting of Young Economists in Leuven, April 2003*
Regional convergence in the European Union (1985-1999): a spatial dynamic panel analysis.
- *55th International Atlantic Economic Conference in Vienna, March 2003*
What has determined the rapid post-war growth of intra-EU trade?
- *17th Annual Congress of the European Economic Association in Venice, August 2002*
Growth effects of economic integration - the case of the EU Member States (1950-2000).
- *VIIth Spring Meeting of Young Economists in Paris, April 2002*
Growth effects of economic integration - the case of the EU Member States (1950-2000).
- *Econometric Research Seminar at the Institute for Advanced Studies (IHS) in Vienna, March 2002*
Growth effects of economic integration - the case of the EU Member States (1950-2000).
- *International Atlantic Economic Conference in Paris, March 2002*
Trade, human capital, and innovation: the engines of European regional growth in the 1990s.
- *6th Annual Congress of the Wirtschaftsuniversität Wien in Wien, November 2000*
Der Bananenfall: Wohlfahrtseffekte des neuen EU-Bananenmarktregimes. Panel discussion with Fritz Breuss, Bernhard Mahlberg, Stefan Griller and Erich Vranes.

TEACHING

- Principles of economics
- Applied microeconomics
- International macroeconomics
- European economic integration
- International economics
- Econometrics

RESEARCH GRANTS

- *Makroökonomische Effekte geldpolitischer Schocks im Euroraum.* OeNB Anniversary Fund, projekt number: 18033, 01/2019-12/2022.
- *Fiscal Rules: Measurement, Determinants, Effects.* OeNB Anniversary Fund, projekt number: 15469, 02/2014-05/2015.
- *WWWW for Europe (Area 4: Governance and institutions).* EU's 7th Framework Programme, grant agreement: 290647 (Lead institution: WIFO).
- *From Rome to Lisbon: Power of EU Member States and the EU's Capability to Act in Light of the Interplay between EU Commission, (European) Council, and Parliament – An Interdisciplinary Assessment.* OeNB Anniversary Fund, projekt number: 14028, 05/2011-11/2012.
- *Productivity Spillovers between OECD Industries: An Empirical Assessment Using a Spatial Econometric Approach.* Erwin-Schrödinger Fellowship, Austrian Science Fund (FWF), projekt number: J2703-G11, 09/2007-08/2008.

- *The European Single Market for Services in the Context of the Lisbon Agenda: Macro-economic Effects.* Study commissioned by the Federal Ministry of Economics and Labour of the Republic of Austria, 2005 (with Fritz Breuss).