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## PERSONAL

Born September 1, 1975 in Sevilla (Spain)

## ACADEMIC POSITIONS

- since March 2010: Professor of Economics, Vienna University of Economics and Business
- since January 2011: Director of Economic Analysis, Wittgenstein Centre for Demography and Global Human Capital
- since February 2009: Scientific consultant, Austrian Institute of Economic Research (WIFO)
- since October 2006: Research scholar, International Institute for Applied Systems Analysis (IIASA)
- since January 2018: Senior researcher, Vilnius University (Grant Research Project: Reassessment of the Optimum Currency Area in the persistently heterogeneous European Union, *Euro4Europe*, European Social Fund)
- January 2017- December 2019: Project leader, Masaryk University (Czech Science Foundation Research Project: Dynamic Forecast Averaging of Macroeconomic Models)
- October 2013 – December 2018: Adjunct Professor, Norwegian School of Economics (NHH)
- October 2001 – December 2011: Scientific advisor, Foreign Research Division, Oesterreichische Nationalbank
- March 2007 – February 2010: Professor of Economics, Department of Economics, University of Innsbruck
- October 2000 – February 2007: Associate professor (previously assistant professor), Department of Economics, University of Vienna (Venia docendi in Economics, June 2005)
- August 1999 – September 2000: Research assistant, Institute for Advanced Studies, Vienna (Austria)
- October 1998 – July 1999: Project assistant, SFB Project *Adaptive information systems and modelling in Economics and Management Science*

## EDUCATION

<i>Doctoral degree, Economics,</i> University of Vienna	2000 – 2002
<i>Postgraduate program in Economics</i> Institute for Advanced Studies, Vienna	1997 – 1999
<i>Masters degree, Economics</i> Universidad de Sevilla (Spain)	1993 – 1997

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Fiscal Multipliers in a Small Open Economy: The Case of Austria (with J. Čapek, J. Holler and P. Schuster), *Oxford Economic Papers*, forthcoming.
- Agricultural Commodity Price Dynamics and their Determinants: A Comprehensive Econometric Approach (with J. Hlouskova and M. Obersteiner), *Journal of Forecasting*, forthcoming.
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- Climate, Conflict and Forced Migration (with G. Abel, M. Brottrager and R. Muttarak), *Global Environmental Change*, Vol. 54 (2019): 239–249.
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- On the Empirics of Reserve Requirements and Economic Growth (with G. von Schweinitz and K. Wendt), *Journal of Macroeconomics*, Vol. 60 (2019): 253–274.
- Deforestation and Economic Development: Evidence from National Borders (with M. Heger), *Land Use Policy*, Vol. 84 (2019): 347–353.
- Bivariate Jointness Measures in Bayesian Model Averaging: Solving the Conundrum (with B. Grün, P. Hofmarcher, S. Humer and M. Moser), *Journal of Macroeconomics*, Vol. 57 (2018): 150–165.
- Exchange Rate Forecasting and the Performance of Currency Portfolios (with I. Fortin and J. Hlouskova), *Journal of Forecasting*, Vol. 37 (2018): 519–540.
- Fundamentals, Speculation or Macroeconomic Conditions? Modelling and Forecasting Arabica Coffee Prices (with J. Hlouskova and M. Obersteiner), *European Review of Agricultural Economics*, Vol. 45 (2018): 583–615.
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- Convergence of Educational Attainment Levels in the OECD: More Data, More Problems? *Economics of Education Review*, Vol. 25 (2006), 173–178.
- The Competitive Environment Hypothesis Revisited: Nonlinearity, Nonstationarity and Profit Persistence (with A. Gschwandtner), *Applied Economics*, Vol. 38 (2005), 465–472.
- On the Road: The Path of Bulgaria, Croatia and Romania to the EU and the Euro (with J. Fidrmuc and M. A. Silgoner), *Europe-Asia Studies*, Vol. 57 (2005), 843–858.
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- The Monetary Approach to Exchange Rates in CEECs (with J. Fidrmuc and R. Mac-Donald), *The Economics of Transition*, Vol. 13 (2005), 395–416.
- On Export Composition and Growth (with J. Wrz), *Review of World Economics (Weltwirtschaftliches Archiv)*, Vol. 141 (2005), 33–49.
- Beating the Random Walk in Central and Eastern Europe (with J. Hlouskova), *Journal of Forecasting*, Vol. 24 (2005), 189–201.
- Using Pre-EMU Data to Assess Monetary Policy in the Euro Area (with E. Gnan and D. Ritzberger-Grünwald), *Economic Modelling*, Vol. 21 (2004), 1003–1014.
- The Natural Rate of Interest: A Euro Area Perspective (with E. Gnan and D. Ritzberger-Grünwald), *Empirica*, Vol. 31 (2004), 185–204.
- Forecasting Exchange Rates in Transition Economies: A Comparison of Multivariate Time Series Models (with J. Hlouskova), *Empirical Economics*, Vol. 21 (2004), 787–801.
- Ricardian Equivalence Revisited: Evidence from OECD Countries (with G. Reitschuler), *Economics Bulletin*, Vol. 5 (2004), 1–10.
- A Nonlinear Defense-Growth nexus? Evidence from the US Economy (with G. Reitschuler), *Defence and Peace Economics*, Vol. 15 (2004), 71–82.
- Forecasting Electricity Spot Prices Using Linear Univariate Time Series Models (with J. Hlouskova, S. Kossmeier and M. Obersteiner), *Applied Energy*, Vol. 77 (2004), 87–106.
- Okun’s Law Revisited, *Oxford Bulletin of Economics and Statistics*, Vol. 65 (2003), 439–451.
- Asymmetric Cycles in Unobserved Components Models, *Economics Bulletin*, Vol. 5 (2003), 1–9.
- Point Splitting and Condorcet Criteria, *The Mathematical Intelligencer*, Vol. 23 (2001), 23–26.

## PUBLICATIONS IN BOOKS AND NON-PEER-REVIEWED JOURNALS

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- Economic Theory and Social Justice (book review), *Review of Radical Political Economics*, Vol. 32, No. 4 (2000), 675-677.

### EDITED BOOKS

- *Dynamic Systems, Economic Growth, and the Environment* (coedited with T. Palokangas and A. Tarasyev), Springer 2009.

### SELECTED TALKS

- 2020: Research seminars: University of Graz; Workshop on Fiscal Policy (JRC, Seville), Keynote Speech at the MME20 (Mendel University, Brno)
- 2019: Research seminars: University of Regensburg, University of St Gallen, University of Göttingen, ifo Munich; XXII Applied Economics Meeting (Cartagena), United Nations Expert Group Meeting (Bangkok)



- 2018: Research seminars: University of Salzburg, University of Innsbruck, Bank of Lithuania; XXI Applied Economics Meeting (Alcalá de Henares)
- 2017: Research seminars: Hamburg University, University of Zaragoza, NHH Bergen; XX Applied Economics Meeting (Valencia), Freie Universität, Berlin
- 2016: Research seminars: Masaryk University, Brno, JRC-European Commission, Ispra; XIX Applied Economics Meeting (Sevilla), ERSA Congress (Vienna); Keynote Speech at the DYME Workshop (Prague)
- 2015: Research seminars: Norwegian School of Economics, Technical University, Gdansk, Universidad de Sevilla; XVIII Applied Economics Meeting (Alicante), ERSA Congress (Lisbon); Keynote Speech at the YEM2015 (Brno)
- 2014: Research seminars: Norwegian School of Economics; Workshop on Demographic Differential Vulnerability to Natural Disasters in the Context of Climate Change Adaptation (Kao Lak); IAAE 2014 (London); ERSA Congress (St Petersburg); Conference in Honour of Eduardo Ley, The World Bank
- 2013: Research seminars: University of Leipzig; EUREAL Meeting (Aberystwyth); XVI Applied Economics Meeting (Granada); Keynote Speech at the workshop Political Economy Of Eurozone Crisis: Is Fiscal Union Feasible? (Brno); Population Association of America Annual Meeting (New Orleans)
- 2012: Research seminars: University of Göttingen; OECD Brown Bag Seminar; ERSA Conference (Bratislava); EcoMod 2012 (Sevilla)
- 2011: Research seminars: Kiel Institute for the World Economy, Economics University in Bratislava; Inclusive Growth Diagnostic Analysis Conference (Nairobi); ERSA Conference (Barcelona); International Conference of the ERCIM WG on Computing and Statistics (London); Population Association of America Annual Meeting (Washington DC); CSAE 25th Anniversary Conference (Oxford)
- 2010: Research seminars: Universidad Pablo de Olavide, Banco de España, University of Erlangen, European Central Bank, ETH Zürich; Symposium Aspectos Monetarios de los Procesos de Integración Económica en América Latina (Buenos Aires)
- 2009: Research seminars: Erasmus University, University of Oldenburg, World Bank Brown Bag Seminar, University of Cambridge; Simposio de Análisis Económico (Valencia), New Directions in the Economic Analysis of Education, Milton Friedman Institute (Chicago), World Conference of the Spatial Econometrics Association (Barcelona)
- 2008: Research seminars: Universidad Pablo de Olavide (Sevilla), Norwegian School of Economics; European Economic Association Meeting (Milan), Empirical Economics Workshop (Groningen); Simposio de Análisis Económico (Zaragoza), Debt Relief and Beyond: A World Bank Conference on Debt and Development (Washington, DC)
- 2007: Research seminars: National Bank of Poland; Workshop Políticas Macroeconómicas, Universidad Internacional Menéndez Pelayo (Sevilla), European Economic Association Meeting (Budapest), International Conference on Macroeconomic Analysis and International Finance (Crete)
- 2006: Research seminars: Estonian Central Bank, Universidad de Zaragoza; Workshop Políticas Macroeconómicas, Universidad Internacional Menéndez Pelayo (Sevilla), Emerging Markets Workshop (Helsinki), Vienna-Bratislava Economics Meeting 2005; Research seminars: Bank of Slovenia; Workshop Políticas Macroeconómicas, Universidad Internacional Menéndez Pelayo (Sevilla), European Economic Association Meeting (Amsterdam), Public Finance Workshop (Innsbruck)
- 2004: Research seminars: Comenius University Bratislava, Johannes Kepler University (Linz), Universidad de Zaragoza; Workshop Finanzas públicas, política fiscal española e integración europea, Universidad Internacional Menéndez Pelayo, Euroframe Conference: Fiscal Policies in the European Union (Paris), Jornadas Béticas de Macroeconomía Dinámica (Málaga), Spring Meeting of Young Economists (Warsaw), International Atlantic Economic Conference (Lisbon), Public Finance Workshop (Innsbruck)

- 2003: Research seminars: University of Dortmund, Rhine-Westphalia Institute for Economic Research (Essen); Simposio de Analisis Economico (Sevilla), Conference on Monetary Policy (Warsaw), Conference on Financial Intermediation in the New Europe: Economics, Policies and Institutions (Milan), Royal Economic Society Meeting (Warwick), Spring Meeting of Young Economists (Leuven), Public Finance Workshop (Innsbruck)
- 2002: Econometric Modelling Workshop (European Central Bank), Econometric Society European Meeting (Venice), Villa Mondragone International Economics Seminar (Rome), Spring Meeting of Young Economists (Paris)
- 2001: Workshop on The European Macroeconomy: Integration, Employment and Policy Coordination (Antwerp), Quantitative Economics Doctorate Meeting (Venice), Spring Meeting of Young Economists (Copenhagen), Workshop on Monetary and Exchange Rate Strategies Related to the Current European Union's Enlargement Processes (Leuven)
- 2000: Spring Meeting of Young Economists 2000 (Oxford)

### TEACHING AND THESIS SUPERVISION

- Undergraduate and master level courses on introductory and advanced macroeconomics, macroeconomic policy, international macroeconomics, econometrics and time series analysis.
- Doctoral courses on (Bayesian) econometrics, macroeconomics and economic growth.
- Specialized courses on economic growth for World Bank staff in Vienna and Washington DC.
- Courses on economic growth and macroeconometrics for government officials as part of capacity-building projects by the World Bank in Kenya and Belarus.
- Supervision of master and doctoral theses in fiscal policy, economic growth, development economics, monetary economics, international economics, environmental economics, econometrics and labour economics.
- Several teaching awards (see Awards below)
- Supervised theses awarded national and international prizes, including the Franz Weninger Award, awarded by the Oesterreichische Nationalbank to the best thesis in the topic of monetary economics.

### THIRD-PARTY PROJECTS AND APPLIED RESEARCH

- Consultancy work for the World Bank, the African Development Bank, the OECD, the Oesterreichische Nationalbank, the Austrian Institute of Economic Research (WIFO) and the United Nations Industrial Development Organization (UNIDO)
- National and international competitive third-party projects with the European Commission (7th Framework Projects, DG Regio), the NOMIS Foundation, the Czech Science Foundation (GACR), the Oesterreichische Nationalbank's Anniversary Fund, Austrian ministries and the Raiffeisen Zentralbank (Austria), among others.
- Reviewer and evaluation panel member for National Science Foundation (US), the Slovak Research and Development Agency (Slovak Republic), the National University Research Council (Romania), the Research Council of Norway (Norges Forskningsråd) and the *Economics and Business, Social and Economic Geography* Panel at the *Stimulus Of Scientific Employment, Individual Support Call (CEEC Ind)* of the Fundação para a Ciência e a Tecnologia (Portuguese Foundation for Science and Technology).

### HONOURS AND AWARDS

- 2020 Vladas Jurgutis Award of the Bank of Lithuania
- 2018 Scottish Journal of Political Economy (SJPE) Best Paper of the Year Prize
- 2018 WU Best Paper Award of the City of Vienna
- 2017 Shortlisted for the Ars Docendi Prize, awarded by the Austrian Ministry of Science

- 2017 Award for Innovative Teaching, WU Vienna
- 2016 Award for Excellence in Teaching, WU Vienna
- Ranked 7 /15/ (15) {35} [44] ||47||in Top 100 researchers under 40 years old, Handelsblatt Ranking of Economists, 2015 /2013/ (2011) {2010} [2008] ||2007||.
- 2011 WU Best Paper Award of the City of Vienna
- 2008 Lecturer of the Year at the Faculty of Economics and Statistics, University of Innsbruck, awarded by the SOWI-Forum (student platform).
- Best Joke Award, Empirical Economics Workshop, University of Groningen, June 2008.
- Young Economist Award, Austrian Economic Association, 2003.
- Heinrich Graf Hardegg'sche Stipendienstiftung für Doktoren, 2002.

### MEDIA COVERAGE

Articles on my research have been featured in The Economist (UK), Der Standard, Die Presse, Wiener Zeitung, Kronen Zeitung (Austria), El País, Expansion, La Vanguardia (Spain), The Standard (Hong Kong), The Boston Globe (US), among many other newspapers, magazines and blogs.

### OTHER PROFESSIONAL ACTIVITIES

- External expert, European Foundation for the Improvement of Living and Working Conditions (Eurofound)
- *CESifo* fellow
- Editor, *German Economic Review*, *Applied Economic Analysis (AEA)*, *Empirica*
- Member of the editorial board of *Economic Systems* (2014-2018), *Panoeconomicus*.
- Member of the *Expert Panel* for the evaluation of Charles University (Prague) and of the *International Evaluation Panel* of Mendel University in Brno.
- Speaker of the board, Spring Meeting of Young Economists (2002-2005).
- Reviewer for *American Political Science Review*, *Applied Economics*, *Applied Economics Letters*, *Applied Energy*, *Applied Financial Economics*, *Baltic Journal of Economics*, *The B.E. Journal of Economic Analysis & Policy*, *British Journal of Political Science*, *Bulletin of Economic Research*, *Central European Journal of Operations Research*, *China Economic Review*, *Contemporary Economic Policy*, *CESifo Economic Studies*, *Cuadernos de Economía*, *Czech Journal of Economics and Finance*, *Defence and Peace Economics*, *Demographic Research*, *Demography*, *Eastern Economic Journal*, *Ecology and Society*, *Economic Change and Restructuring*, *The Economic History Review*, *The Economic Journal*, *Economic Modelling*, *Economics of Education Review*, *Economic Policy*, *Economic Systems*, *Economics and Business Letters*, *Economics of Transition*, *Education Economics*, *Emerging Markets Finance and Trade*, *Empirica*, *Empirical Economics*, *The Energy Journal*, *European Economic Review*, *European Journal of Comparative Economics*, *European Journal of Political Economy*, *Global Environmental Change*, *Globalisation, Society and Education*, *International Economics*, *International Finance*, *International Journal of Forecasting*, *International Review of Education Journal of Lifelong Learning*, *Investigaciones Regionales*, *Journal of African Economies*, *Journal of Applied Econometrics*, *Journal of Banking and Finance*, *Journal of Comparative Economics*, *Journal of Development Economics*, *Journal of Economic Dynamics and Control*, *Journal of Economic Psychology*, *Journal of Economic Literature*, *Journal of Macroeconomics*, *Journal of Money, Credit and Banking*, *Journal of Peace Research*, *Journal of Regional Science*, *Journal of the Economics of Ageing*, *Journal of the Royal Statistical Society*, *Macroeconomic Dynamics*, *Nature Energy*, *Oxford Bulletin of Economics and Statistics*, *Oxford Economic Papers*, *Papers in Regional Science*, *PLoS ONE*, *Population and Environment*, *Political and Military Sociology*, *Proceedings of the National Academy of Sciences (PNAS)*, *Regional Studies*, *Review of Development Economics*, *Review of Economics and Statistics*, *Review of*

*Industrial Organization, Review of International Economics, Review of International Organizations, Review of World Economics, Spanish Economic Review, Studies in Nonlinear Dynamics and Econometrics, Scottish Journal of Political Economy, Spatial Economic Analysis, Structural Change and Economic Dynamics, Vienna Yearbook of Population Research, Working Papers Series of the Czech National Bank, Working Papers Series of the European Central Bank, World Bank Economic Review, Zeitschrift für öffentliches Recht (Journal of Public Law).*

#### **LANGUAGE SKILLS**

- Spanish: native speaker
- English: proficient
- German: proficient
- Japanese: basic knowledge