

Robert Kalcik

curriculum vitae

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Professional Experience

since 09/17	<p>AIT Austrian Institute of Technology, Center for Innovation Systems & Policy, Vienna</p> <p><i>Junior Scientist</i></p> <p>Research in the area of socio-economic impact of international RTI policy, innovation systems and transition management</p> <ul style="list-style-type: none">• Monitoring and evaluation of international funding programmes for urban transition• Establishment of an open innovation platform in the city of Amstetten• National and international research projects on quality in higher education
09/16 – 08/17	<p>Bruegel, Brussels</p> <p><i>Research Assistant</i></p> <p>Research activities in the area of EU governance, financial markets and innovation</p> <ul style="list-style-type: none">• Analysing representation of citizens and Member States in the EU Institutions• Estimating the effect of Brexit on the financial sector• Quantifying countries' potential to specialise in green technologies
01/15 – 07/16	<p>Parkville Global Advisory, Middle East and North Africa Region</p> <p><i>Data Manager</i></p> <p>Principal data analyst supporting evidence-based policy making and strategy for senior policy-makers in Australia and the Middle East as well as leading advisor for improving data collection and management processes</p>
04/13 – 01/15	<p>Parkville Global Advisory, Australia</p> <p><i>Research Associate</i></p> <p>Large-scale analysis of school leader performance and their influence on student achievement as well as a quantitative evaluation of school funding programmes in Australia using advanced panel methods (non-parametric estimation, variance decompositions, value-added models)</p>
02/12 – 07/12	<p>The University of Melbourne – Department of Economics</p> <p><i>Research Assistant</i></p> <p>Assistance in the compilation of teaching material for a PhD course in Econometrics, transcription of a lecture script in Latex, editing and designing of graphs</p>
01/11 – 02/12	<p>Austrian National Bank – Economic Studies Division</p> <p><i>Research Assistant</i></p> <p>Assistance in the development of a large-scale international survey (Euro Survey), independent data analysis using Stata and R as well as generating data used for spatial econometric models</p>
02/11 – 01/12	<p>SERI - Sustainable Europe Research Institute</p> <p><i>Research Assistant</i></p> <p>Co-authoring of a macroeconomic report for the European Commission (FP7), development of policy recommendations, assistance in the organisation of conferences and a European Dialogue</p>

Education

2011 – 2013	MSc Economics <i>University of Vienna</i> Including two semesters of the PhD programme in Economics at the University of Melbourne (graduated with distinction) Thesis <i>International Environmental Agreements under Incomplete Contracts</i>
2006 – 2011	BSc Business and Economics <i>Vienna University of Economics and Business</i> Including an exchange semester at the Free University Berlin (Mathematics) and Humboldt University (Economics), as well as an exchange semester at Babson College, Boston (Entrepreneurship)

Technical Skills

Statistics	R, Python, Stata, SPSS, Excel Statistical modelling and analysis, advanced panel estimation and time-series modelling, survey analysis, regression discontinuity design, Spatial Econometrics, matching techniques
Data Mining and Machine Learning	R, Matlab, Python, SQL Extraction of patterns and knowledge from large amounts of data, classification and prediction algorithms
GIS	QGIS Proficiency with geospatial data and spatial econometric models
Programming	R, Shiny, VBA Extracting information from websites, databases or PDFs, creating web-based and static reporting tools and visualisations for analysis purposes and publication

Grants and Awards

Awards	YEAR Best Project Concept Award: From Idea to Impact for the best project idea and pitch at the Young European Associate Researchers network's annual conference 2018 Master Student Award for outstanding academic performance and extra-curricular activities
Travel Grants	Julius-Raab-Stiftung Travel Grant; Joint Study Grant for an exchange semester at the University of Melbourne; Joint Study Grant for an exchange semester at Babson College, MA; Erasmus Grant for an exchange semester at the Free University Berlin

Additional Information

Publications	See list of publications and presentations attached
Languages	German (native), English (fluent), French (fluent), Dutch (basic), Spanish (basic)
Project mgmt	PRINCE2 Certificate
Citizenship	Austrian
Other interests	Open Data, Ultimate Frisbee, Swing Jazz
References	Michael Dinges, AIT, Senior Expert Advisor, michael.dinges@ait.ac.at Guntram Wolff, Bruegel, Director, gw@bruegel.org Georg Zachmann, Bruegel, Senior Fellow, gz@bruegel.org Lama Andari, Parkville Global Advisory, Director, lama.andari@parkvilleglobal.com

List of Publications and Presentations

Book chapters	<p>Export and Patent Specialisation in Low-Carbon Technologies in <i>The Global Innovation Index 2018: Energizing the World with Innovation</i>, 06/18 Georg Zachmann, Robert Kalcik</p> <p>Europe's comparative advantage in low-carbon technology in <i>European Industry in 2030: In pole position or out of the race?</i>, 07/17 Georg Zachmann, Robert Kalcik</p>
Policy contributions	<p>Brexit and the European financial system: Mapping markets, players and jobs, 02/17 Uurintuya Batsaikhan, Robert Kalcik, Dirk Schoenmaker</p> <p>Is Brexit an opportunity to reform the European Parliament?, 01/17 Robert Kalcik, Guntram Wolff</p>
Interactive Report	<p>An approach to identify the sources of low-carbon growth for Europe, 09/17 www.i2-4c.eu/lowcarbongrowth/ Georg Zachmann, Robert Kalcik</p>
Blog posts	<p>Does the European Parliament miss an opportunity to reform after Brexit?, 01/18</p> <p>Is China's innovation strategy a threat?, 04/17</p> <p>Trade flows between the US, UK and EU27: what goes where?, 01/17</p>
Contribution to the report	<p>Macroeconomic modelling of sustainable development and the links between the economy and the environment ENV.F.1/ETU/2010/0033</p>
Presentations	<p>Monitoring of Joint Calls and Projects in JPI Urban Europe ERA-NET Smart Cities and Communities Final Conference, Vienna 04/19 JPI Urban Europe Funding Agency Working Group, Vienna 09/18</p> <p>Capturing radical innovation in a network paradigm EAEPE, 4th RA [X] "Networks" Workshop, Budapest 11/18</p> <p>An approach to identify the sources of Low Carbon Energy Technologies: an Empirical Investigation based on Patent Data useR!2017 Conference, Brussels 07/17 GLOBSEC Forum, Bratislava 05/17 6th Mannheim Energy Conference, 05/17 International Conference on the Economics of Innovation, Grenoble 12/16</p> <p>International Environmental Agreements IMK-Workshop on Pluralism in Economics, Berlin 08/14</p>