

# Oliver Schenker

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## Personal

Born on March 30, 1979 in Olten, Switzerland.

Swiss citizen, male, married, three kids.

## Education

Ph.D. Economics, Supervisor: Prof. Gunter Stephan, University of Bern, Fall 06 to Summer 11.  
*Summa Cum Laude*, Ph.D. Thesis: “International Trade Spillovers and Vague Politicians: On the Assessment of Climate Impacts and Policies.”

M.Sc. Economics, University of Bern, Winter 05 to Summer 06.  
*Summa Cum Laude*, Master Thesis: “Endogenous Fertility in an OLG Model for Switzerland.”

ERASMUS student at University of Vienna, Spring 2005.

B.Sc. Economics, University of Bern, Fall 00 to Winter 05.

Matura (General qualification for university entrance), Gymnasium Immensee, Summer 95 to Summer 99.

## Research Interests

Environmental and Climate Economics, Energy Economics, International Trade, Computable General Equilibrium Modeling, Sustainable Finance.

## Current Position

FRANKFURT SCHOOL OF FINANCE & MANAGEMENT

Robert Bosch Stiftung Assistant Professor of Environmental Economics, since June 2016.

## Previous Positions

ZEW, MANNHEIM

Acting Head of the Department “Environmental and Resource Economics, Environmental Management”, from Fall 15 to Summer 16.

Acting Deputy of the Department “Environmental and Resource Economics, Environmental Management”, from Summer 14 to Fall 15.

Senior Researcher and Coordinator of the Research Area “International Environmental and Resource Policies” at the Department “Environmental and Resource Economics, Environmental Management”, from Fall 12 to Summer 14.

Research Fellow at the Department “Environmental and Resource Economics, Environmental Management”, from Summer 11 to Fall 12.

## Peer Reviewed Publications

“The Cost of Debt of Renewable and Non-renewable Energy Firms” (2020), *Nature Energy*, with Karol Kempa and Ulf Moslener. (Received GRASFI 2020 Best Paper Prize for Research on the Role of the State in Sustainable Finance.)

“On the Effects of Unilateral Environmental Policy on Offshoring in Multi-Stage Production Processes” (2018), *Canadian Journal of Economics* 51(4), 1221-1256, with Simon Koesler and Andreas Löschel.

“Designing an EU Energy and Climate Policy Portfolio for 2030: Implications of Overlapping Regulation under Different Levels of Electricity Demand” (2014), *Energy Policy* 75, 91-99, with Florens Flues, Andreas Löschel, and Benjamin Johannes Lutz.

“Give and take: How the Funding of Adaptation to Climate Change can Improve the Donor’s Terms-of-Trade” (2014), *Ecological Economics* 106, 44-55, with Gunter Stephan.

“Exchanging Goods and Damages: The Role of Trade on the Distribution of Climate Change Costs” (2013), *Environmental and Resource Economics* 54(2), 261-282.

## Book Chapters

“Der Europäische Emissionshandel als zentrales klimapolitisches Instrument, Einbettung, Erfahrungen aus der Praxis und Wirkungsanalyse” (with Andreas Löschel and Peter Heindel), in Angrick, Kühleis, Landgrebe, Weiss (Eds.): *12 Jahre Europäischer Emissionshandel in Deutschland: Bilanz und Perspektiven für einen wirkungsvollen Klimaschutz*. (2018), Metropolis (in German).

“On the Coherence of Economic Instruments: Climate, Renewables and Energy Efficiency Policies” (with Andreas Löschel), in Parry, Pittel, Vollebergh (Eds.): *Energy Tax and Regulatory Policy in Europe: Reform Priorities* (2017), MIT Press.

“International Adaptation Funding and the Donor’s Welfare Maximization” (with Gunter Stephan), in Markandya, Galarraga, Rübbelke (Eds.): *Climate Finance: Theory and Practice* (2017). World Scientific.

“Kosten des Klimawandels und Auswirkungen auf die Wirtschaft” (with Gernot Klepper, Wilfried Rickels, Reimund Schwarze), in Brasseur, Jacob, Schuck-Zöller (Eds.): *Klimawandel in Deutschland. Entwicklung, Folgen, Risiken und Perspektiven* (2016), Springer, Berlin Heidelberg (in German).

## Working Papers

“Cournot, Pigou, and Ricardo walk in a bar – Unilateral environmental policy and leakage with market power and firm heterogeneity”, with Claudio Baccianti.

“Second-best Analysis of European Energy Policy: More Birds than Stones?”, with Carolyn Fischer and Michael Hübler. *R&R Journal of Public Economics*

## Current Projects

“International Trade and Weather Variation after 350000 Fixed Effects”, with Daniel Osberghaus.

“Spillovers from Plant-Differentiated Energy Efficiency Regulation in the Indian Cement Sector”, with Ashish Tyagi.

“The Optimal Design of Climate Policy in the Presence of Capital Tax Competition”, with Wolfgang Hbla and Ralph Winkler.

## Expertises

“Ökonomie des Klimawandels - Integrierte ökonomische Bewertung der Instrumente zur Anpassung an den Klimawandel” (in German), on behalf of the Federal Environment Agency of Germany, with Tim Mennel, Daniel Osberghaus, Beyhan Ekinci, Christian Hengesbach, Alexander Sandkamp, Christian Kind, Jonas Savelsberg, Walter Kahlenborn, Mareike Buth, Maximilian Peters, and Stefan Steyer.

“2014 Elections to the European Parliament: Economic Challenges for Europe”, with Holger Bonin, Clemens Fuest, Friedrich Heinemann, Georg Licht, Andreas Löschel, and Michael Schröder.

## Other Publications: Press, etc.

ZEW policy brief, November 2015, “The Road to Paris: Towards a Fair and Effective Climate Agreement?”, with Christiane Reif.

ZEW News, June 2015, “Einseitige Umweltpolitik zieht Auslagerung einzelner Produktionsschritte nach sich” (in German).

ZEW Wachstums- und Konjunkturanalysen, September 2013, “Zusammenspiel von Klima- und Energiepolitik” (in German).

Neue Zürcher Zeitung, 28. November 2011, “Neue Ideen für Klimapolitik” (in German), with Florens Flues.

## Media Contacts

research\*eu, March 2016, “EU study suggests a ‘right policy mix’ for the future ETS”, interview on problems of the EU ETS and the effects of policy instruments interaction; SWR Wirtschaft Aktuell, 3. November 2014, “Neue Chancen für das Weltklima” (in German), short radio interview on IPPC synthesis report; Rhein-Neckar-Zeitung, 19. November 2014, “Fracking wäre in Deutschland nicht profitabel” (in German), interview on German climate policy; RBB Inforadio, 28. September 2015, “Umweltstandards als Politikinstrument” (in German), short radio interview.

## Teaching Experience

Frankfurt School, B.Sc. “Applied Research Methodology”, Fall 2016, Fall 2017, Fall 2018, Fall 2020

U Heidelberg, B.Sc. “Introduction to CGE Modeling” Spring 2012.

## Research Stays

Spring 2019, Australian National University, Canberra, AU.

Spring 2015, Colorado School of Mines, Golden CO, US.

April 2013, Resources for the Future (RFF), Washington D.C., US.

## Selected Presentations at Conferences, Workshops and Invited Seminars

2020

University Giessen, Germany; University Kassel, Germany; 26<sup>th</sup> Annual Conference of the European Association of Environmental & Resource Economists, virtual; Annual Meeting Verein für Socialpolitik, virtual.

2019

Australian National University, Canberra, Australia; Mannheim Energy Conference, ZEW Mannheim, Germany; 25<sup>th</sup> Annual Conference of the European Association of Environmental & Resource Economists, Manchester, UK; 16th IAEE Conference, Ljubljana.

2018

University of Marburg, Germany; Innovate4Climate, Frankfurt, Germany<sup>\*</sup>; Atlantic Workshop for Energy Economics, A Toxa, Spain; Annual Meeting Verein für Socialpolitik, Freiburg, Germany.

2017

Mannheim Energy Conference, ZEW Mannheim, Germany; Centre for Development Research, University of Bonn, Germany; 23<sup>th</sup> Annual Conference of the European Association of Environmental & Resource Economists, Athens, Greece; ETH Zurich, Switzerland; FSR Climate Annual Conference, Florence, Italy; UNFCCC COP23, Bonn, Germany<sup>\*</sup>.

2016

FSR Climate Annual Conference, Florence, Italy; Atlantic Workshop for Energy Economics, A Toxa, Spain; Frankfurt School of Finance & Management, Frankfurt, Germany.

2015

Colorado School of Mines, Golden, USA; Keynote at Final Conference of BMBF Project Ökonomie der Anpassung an den Klimawandel (econCCadapt), Humboldt University, Berlin, Germany;

2014

University Bern, Switzerland; 5<sup>th</sup> World Congress of Environmental & Resource Economists, Istanbul, Turkey.

2013

8<sup>th</sup> End-of-Year Conference of Swiss Economists Abroad, St. Gallen, Switzerland; University Hamburg, Germany; 20<sup>th</sup> Annual Conference of the European Association of Environmental & Resource Economists, Toulouse, France; 3<sup>rd</sup> Conference of the Association of Environmental & Resource Economists, Banff, Canada; Resources for the Future, Washington D.C., US, April 13.

2012

15<sup>th</sup> Annual Conference on Global Economic Analysis, Geneva, Switzerland; Final WIOD Conference: Causes & Consequences of Globalization, Groningen, The Netherlands.

2011

Jahrestagung des Vereins für Socialpolitik 2011, Frankfurt, Germany; EEA-ESEM 2011, Oslo, Norway; 18<sup>th</sup> Annual Conference of the European Association of Environmental & Resource Economists, Rome, Italy; Shanghai Forum 2011", Shanghai, China.

Before 2011

4<sup>th</sup> World Congress of Environmental & Resource Economists, Montreal, Canada, June 10; 20<sup>th</sup> Ph.D. Workshop on International Climate Policy, Stockholm University, Sweden, April 10; 17<sup>th</sup> Annual Conference of the European Association of Environmental & Resource Economists, VU Amsterdam, The Netherlands, June 09; Monte Verita Conference on Sustainable Resource Use & Economic Dynamics - SURED 2008 in Ascona, Switzerland, June 08.

<sup>\*</sup> indicates talks and presentations to policy and decisions makers.

## Organised Workshops and Sessions

Workshop on *Challenges Towards Sustainable Energy Systems in Emerging and Developing Economies* in Frankfurt a. M. (Germany), June 2019.

Policy Session at 6<sup>th</sup> World Congress of Environmental & Resource Economists in Gothenburg (Sweden) on *The Tragedy of the Horizon: A Mandate for Financial Sector Regulations?*, June 2018.

Workshop on *New Developments in CGE Modelling* in Mannheim (Germany), November 2015.

ZEW Lunch Debate on *The Road to Paris: Towards a Fair and Effective Climate Agreement?* in Brussels (Belgium) with Jos Delbeke, Clemens Fuest, Rudolf Schüssler, November 2015

Policy Session at 5<sup>th</sup> World Congress of Environmental & Resource Economists in Istanbul (Turkey) on *Current Challenges for Emission Trading Systems* with Andreas Löschel, Frank Jotzo, Dallas Burtraw, Xavier Labandeira, Jing Cao, June 2014.

## Referee

The B.E. Journal in Economic Analysis & Policy, Climate Policy, Energy Policy, The Energy Journal, Environmental & Resource Economics, Journal of Economics and Statistics, Journal of Environmental Economics and Management, Journal of Regional Science, Oxford Economic Papers, Resource & Energy Economics, Swiss Journal of Economics and Statistics.

## Selected Research Projects and Grants as Project Leader

Sustainable Climate Finance and its Impact, funded by German Federal Ministry of Education and Research (Total funding 0.5 Mil. EUR, together with Björn Vollan, from 2018 to 2022).

Robert Bosch Junior Professorship, funded by the Robert Bosch Stiftung (Funding 1 Mil. EUR), from 2016 - 2021.

Co-coordinator of ENTRACTE - Economic iNsTRuments to Achieve Climate Targets in Europe, a project funded by the European Commission under the 7<sup>th</sup> Framework Programme (Total funding 2.9 Mil. EUR), from 2012 - 2015, ZEW with 8 partner institutions.

## Language Skills

German: *native*.

English: *fluent*.

French: *moderate*.

## Computer Skills

Operating systems: Linux, Windows.

Mathematics: GAMS, Mathematica, Matlab

Statistics: Stata.

Other: Emacs, L<sup>A</sup>T<sub>E</sub>X, HTML, Gnuplot, Git