ALBERT ROGER

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Personal Information
DoB: 25/01/1987
Citizenship: Spanish
albert-roger.github.io ⤢

RESEARCH INTERESTS

Environmental and Resource Economics, Innovation, Empirical Industrial Organization

EDUCATION

05/2019 - current PhD Student (Supervisor: Prof. Timo Goeschl, Ph.D.), Alfred-Weber-Institut for Economics, Heidelberg University, Germany.

09/2010 - 07/2013 Diplom Ingenieur (Univ.) Maschinenwesen, Technical University of Munich, Germany.

09/2005 - 05/2014 Degree Chemical Engineering, Polytechnic University of Catalonia, Spain.

POSITIONS

05/2015 - 11/2021 Researcher at the ZEW - Leibniz Centre for European Economic Research, Department of Environmental and Resource Economics, Environmental Management, Germany.

05/2014 - 04/2015 Freelance Consultant among others for the Gesellschaft für Internationale Zusammenarbeit (GIZ), Germany.

10/2013 - 03/2014 Internship at the Gesellschaft für Internationale Zusammenarbeit (GIZ), Germany.

07/2013 - 10/2013 Student Research Assistant at the Department of Energy Economics, Technical University of Munich, Germany.

10/2009 - 07/2010 Research Internship at the Department of Chemical Engineering, Polytechnic University of Catalonia, Spain.

WORKING PAPERS

- Roger, A. (2021). "Patents as Options: Estimating Technological Gains and Losses from International Environmental Agreements" (Job Market Paper).

- Roger, A. (2021). "International Environmental Agreements, and the Timing and Direction of Technological Change: Evidence from the Montreal Protocol".

Published Articles in Peer-Reviewed Journals

- Huber, M., Roger, A., and Hamacher, T. (2015). "Optimizing long-term investments for a sustainable development of the ASEAN power system". *Energy* 88, 2015, 180-193. Download⇗

Other Publications

- Roger, A. (2018). "Outlook: Can Environmental Product Standards Enable Eco-Innovation?". In: Horbach, J. & Reif, C. (ed). New Developments in Eco-Innovation Research, Series Sustainability and Innovation, Springer. Download⇗

- Roger, A., Tagliavini, A., and Bou, J. (2010). "Caracterización térmica de la biopolimerización del ácido poli-γ-glutámico (PGA) por fermentación con *Bacillus Lichenformis*". (Poster)

Presentations at Conferences and Workshops

2021   IX IEB International Symposium (Online), IX PhD-Student Workshop on Industrial and Public Economics (WIPE) (Online), MaCCI Annual Conference (Online), 9th Mannheim Conference on Energy and the Environment (Online)

2020   TECHNIS (Online), MaCCI Annual Conference (Mannheim, Germany), AERE (Online), EAERE (Online), Environmental Economics Brownbag Seminar (Online), 5th Summer School on Data and Algorithms for Science, Technology & Innovation Studies (Leuven, Belgium)

2019   EAERE-ETH Winter School (Ascona, Switzerland), AURÖ (Kassel, Germany), MaCCI Annual Conference (Mannheim, Germany), MaCCI IO Day (Mannheim, Germany)

2018   MaCCI Annual Conference (Mannheim, Germany)

2016   CERES Doktorandenseminar (Münster, Germany)

Courses and Summer Schools

2021

- "Quantitative Methods for Competition Analysis", Verboven, F., Lorincz, S., Perrone, H., and Durant, B.. Barcelona Graduate School of Economics Intensive Online Course, Barcelona, Spain. 24/05/2021 - 28/05/2021.

2020

- "Innovation Economics", Ganglmair, B. (University of Mannheim). (PhD Level Course) Graduate School of Economic and Social Sciences, Mannheim, Germany.

2019

- "Dynamic and Stochastic Models in Supply Chain Research", Fleischmann, M. (University of Mannheim). (PhD Level Course - audited) Graduate School of Economic and Social Sciences, Mannheim, Germany.

- "Bayesian Methods for DSGE Models", Nimark, K. (Cornell University). Barcelona Graduate School of Economics Summer School, Barcelona, Spain. 01/07/2019 - 05/07/2019.

- "Causal Machine Learning", Lechner, M. (University of Sankt Gallen). ZEW Summer Courses, ZEW - Leibniz Centre for European Economic Research, Mannheim, Germany. 12/08/2019 - 16/08/2019.

- "Empirical Analysis Firm Performance", De Loecker, J. (KU Leuven). CEMFI Summer School, Madrid, Spain. 19/08/2019 - 23/08/2019.

- "Causal Inference in Corporate Finance", Liberti, J.M. (Northwestern University). CEMFI Summer School, Madrid, Spain. 19/08/2019 - 23/08/2019.

2018

- "Advanced Microeconomics I", Schutz, N. (University of Mannheim). (PhD Level Course) Graduate School of Economic and Social Sciences, Mannheim, Germany.

- "Theory of Industrial Organization", Nocke, V. (University of Mannheim). (PhD Level Course) Graduate School of Economic and Social Sciences, Mannheim, Germany.

- "Mathematics for Economists", Chen, L. (University of Mannheim). (PhD Level Course) Graduate School of Economic and Social Sciences, Mannheim, Germany.

- "Empirical Analysis of Innovation in Oligopoly Industries", Aguirregabiria, V. (University of Toronto). CEMFI Summer School, Madrid, Spain. 03/09/2018 - 07/09/2018.

- "Methodology and applications of structural dynamic models and machine learning", Chernozhukov, V., Igami, M., Iskhakov, F., Keane, M., Misra, S., Stachurski, J., Scheidegger, S., Rust, J., and Schjerning, B.. University of Copenhagen, Denmark. 28/05/2018 - 03/06/2018.

2017

- "Microeconometric Methods: Duration, Count Data and Censored Regression Analysis", Gutknecht, D. (University of Mannheim). (PhD Level Course) Graduate School of Economic and Social Sciences, Mannheim, Germany.

- "Reading Course in Environmental Economics", Wagner, U. J. (University of Mannheim). (PhD Level Course) Graduate School of Economic and Social Sciences, Mannheim, Germany.

- "Advanced Econometrics", Fitzenberger, B. (Humboldt-Universität zu Berlin). (Master Level Course) ZEW - Leibniz Centre for European Economic Research, Mannheim, Germany.

LANGUAGES

Spanish, Catalan (native)
French, English, German (fluent)

PROGRAMMING SKILLS

Matlab, R (Good)
MySQL, Stata, LaTeX (Intermediate)
Python (Basic)