

Stefan Lamp

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Academic Positions

Toulouse School of Economics , Department of Economics	
- Research Fellow <i>TSE-P</i>	9/2023 - current
- Postdoctoral Researcher	9/2016 - 8/2021
Universidad Carlos III de Madrid , Department of Economics	
Postdoctoral Researcher	9/2021 - 8/2023
Yale University , School of the Environment	
- Postdoctoral Research Associate, <i>Solar Energy Evolution and Diffusion Studies</i>	9/2014 - 5/2016
- Secondary appointment: Lecturer, School of the Environment	1/2016 - 5/2016

Education

European University Institute , Ph.D. in Economics	9/2010 - 9/2014
Main thesis advisors: Jerome Adda (Bocconi), Andrea Ichino (EUI)	
Ph.D. thesis title: <i>Essays in Applied Microeconomics: Household and Firm Investment</i>	
European University Institute , M.Res. in Economics	9/2010 - 8/2011
First year of structured Ph.D. program	
University of the Basque Country , M.S. in Economics	9/2008 - 6/2009

Main Research Fields

Energy and Environmental Economics, Empirical Industrial Organization, Applied Microeconomics

My research focuses mainly on the ongoing energy transition from a fossil-fuel economy towards renewable energy sources. I am interested in three broad topics. First, the impact of climate change policies on individuals and firms. Second, the diffusion and adoption of new green technologies, such as solar photovoltaic panels. Third, the impact of the energy transition on electricity markets.

Research Papers

Publications / Accepted Papers

7. *Energy Tax Exemptions and Industrial Production*. Joint with A. Gerster (U Mannheim)
The Economic Journal (2024), Vol. 134, Issue 663, October, Pages 2803-2834
Prizes: German Economics Prize of the Joachim Herz Stiftung, best paper award 2022 (junior researcher)
6. *Promotional Campaign Duration and Word-of-Mouth in Solar Panel Adoption*. Joint with B. Bollinger (NYU), K. Gillingham (Yale), and T. Tsvetanov (U Kansas)
Marketing Science (2024), Vol. 43, Issue 5, September-October, Pages 925-1151, ii
Prizes: Finalist for the 2021-2022 Gary Lilien ISMS-MSI-EMAC Practice Prize.
5. *The Role of Financing Constraints and Environmental Policy on Green Investment*. Joint with H. Costa, L. Demmou, and G. Franco (OECD)
Economics Letters (2024), Vol. 239, June, 111741
4. *Sunspots that Matter: The Effect of Weather on Solar Technology Adoption*
Environmental and Resource Economics (2023), Vol. 84, Pages 1179-1219
3. *(Mis) allocation of Renewable Energy Sources*. Joint with M. Samano (HEC Montreal)
Journal of the Association of Environmental and Resource Economists (2023), Vol. 10, No. 1
2. *Large-scale Battery Storage, Short-term Market Outcomes, and Arbitrage*. Joint with M. Samano (HEC Montreal) **Energy Economics (2022), Vol. 107, 105786**
1. *Credibility-Enhancing Displays Promote the Provision of a Non-Normative Public Good*. Joint with B. Bollinger (NYU), G. Kraft-Todd (BC), K. Gillingham (Yale), and D. Rand (MIT).
Nature (2018), Vol. 563, Pages 245-248
Prizes: American Marketing Association, Responsible Research in Marketing Award 2020; 2020 Research Prize in Public Interest Communications (finalist)

Working Papers / Work in Progress

1. *Firms' Bidding Behavior in a New Market: Evidence from Renewable Energy Auctions*. Joint with M. Samano (HEC Montreal) and S. Tiedemann (Hertie School)
2. *Equilibrium Effects of Competition on Solar Photovoltaic Demand and Pricing*. Joint with B. Bollinger (NYU) and K. Gillingham (Yale)
3. *Does Storage (Really) Hinder Decarbonization*. Joint with M. Samano (HEC Montreal) and M. Liebensteiner (FAU Erlangen-Nürnberg)
4. *Electricity Market Reform*. Joint with C. Crampes (TSE) and S. Ambec (TSE)

Other Work

1. *Making the Grass Greener: The role of firm's financial and managerial capacity in paving the way for the green transition*. (2024). Joint with H. Costa, L. Demmou, and G. Franco. OECD Economics Department Working Papers, No. 1791

2. *Fiscal Consolidation and Firm Investment: Evidence from the German Manufacturing Industry*. (2014). Joint with S. Albrizio

Conferences and Seminars

2023/24: 14th Toulouse Conference on the Economics of Energy and Climate. **Invited talks:** IFN Conference on the Sustainable Energy Transition, Stockholm; Jacques Delors Centre (online); University of Padua.

2021/22: UC3M-TSE Energy Workshop, Madrid; 10th and 9th Mannheim Conference on Energy and the Environment; 13th Toulouse Conference on the Economics of Energy and Climate; IX International Symposium on Energy Transition, U Barcelona; 26th EAERE Conference; VfS Annual Conference. **Invited talks:** Toulouse Business School; University of Barcelona; Bank of Spain; Concordia University; CERN - MINES ParisTech (PSL Energy Economics); IFN Stockholm.

2019/20: Workshop on Empirical Methods in Energy Economics, ETH Zurich; UC3M-TSE Energy Workshop, Madrid; 24th EAERE Conference, Manchester; 7th IZA Workshop on Environment and Labor Markets, Bonn; 8th Mannheim Energy Conference; 12th Toulouse Conference on the Economics of Energy and Climate. **Invited talks:** DIW - TU Berlin; CERN - MINES ParisTech; Institute for Advanced Studies Toulouse; University of Manchester.

2017/18: 6th World Congress of Environmental and Resource Economists, Goteborg; Toulouse Workshop on Environmental Regulation and Industrial Performance; TSE Energy Workshop; 32nd Congress of the European Economic Association, Lisbon; 1st Workshop on Economic Theories and Low-Carbon Transformation Policies, Cambridge, UK; 11th Toulouse Conference on the Economics of Energy and Climate; 6th Mannheim Energy Conference. **Invited talk:** PUC Chile, Santiago.

2015/16: 6th FAERE Thematic Workshop on Green Innovation, Paris; Workshop on Administrative Firm-level Data in Environmental Economics, ZEW Mannheim; 11th World Congress of the Econometric Society, Montreal; Workshop on Empirical Methods in Energy Economics, U Maryland; 3rd Northeast Workshop on Energy Policy & Environmental Economics, New Haven. **Invited talks:** Toulouse School of Economics; RWI Essen; Goteborg University; Yale University; University of Rhode Island; ZEW Mannheim; International Monetary Fund, Fiscal Affairs Division.

2014: 16th Workshop on Public Finance, Bank of Italy, Perugia; Public Finance Conference Mannheim; 6th Atlantic Workshop on Energy & Environmental Economics, A Toxa; Spring Meeting of Young Economists, Vienna; 2nd Meeting of the Italian Association of Environmental & Resource Economics, Milan.

Teaching

Current Courses

Toulouse School of Economics

- *Introduction to Environmental Economics*, Master (M1) in Economics 2023/24, 2024/25
- *Applied Econometrics*, Master (M1) in Economics 2024/25
- *Energy Economics & Climate Policy*, Master (M2) in Env. Economics 2016/17 - 2019/20, 2024/25

Previous Courses

Toulouse School of Economics

- *Environmental Economics*, Master (M1) in Economics 2016/17 - 2018/19

Joint with H. Andersson and C. Gollier / J. Hammitt

Universidad Carlos III de Madrid 2022/23
Energy Economics, PhD. in Economics
 Joint with N. Fabra and M. Souza

Yale University, School of the Environment 2015/16
The Economics of Solar Photovoltaics
 Master in Environmental Management (MEM) and joint MEM/MBA Program

Other

Yale, School of Management: Sustainability & Marketing, Executive MBA, Guest Lecture 2015
Yale, Center for Teaching and Learning: Scientific Teaching Fellow 2016
NYU, Florence-based: International Economics & Finance, Undergraduate, Teaching Assistant 2012

Grants and Awards

Joachim Herz Stiftung, German Economics Prize, Best paper award for junior researcher, joint with A. Gerster (€25,000) 2022
The Econometric Society, World Congress Travel Grant 2015
European University Institute, Ph.D. Completion Grant 2014
Spanish Ministry of Education, Salvador Madariaga Grant for Ph.D. Studies in Economics 2010-13
Naider Prize, Best Master Thesis, University of the Basque Country 2009

Short-term Visiting Positions

HEC Montreal, Canada (1 week) 5/2019
Pontificia Universidad Católica (PUC), Chile (2 months) 7/2018 - 9/2018

Professional Services

Referee Services: Journal of the European Economic Association, Journal of Political Economy: Microeconomics, European Economic Review, Journal of Economic Behavior and Organization, Italian Economic Journal, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Nature Energy, Nature Human Behaviour, Nature Communications, Environmental and Resource Economics, Resource and Energy Economics, Energy Economics, The Energy Journal, Energy Policy, Economics of Energy & Environmental Policy.

Conference Discussions: 1st Bank of Spain Conference on the Spanish Economy; Conferences of the European Association of Environmental and Resource Economists (EAERE) and world congress (WCERE); Conference on Industrial Organization and the Food Industry, Toulouse; Mannheim Conference on Energy and the Environment (multiple); Toulouse Energy and Climate Change Conference (multiple); Toulouse Conference of the Economics of Intellectual Property Software and the Internet.

Workshop & Conference Organization:

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| - 12th Toulouse Energy and Climate Change Conference (co-organizer) | June 2019 |
| - Toulouse Workshop on Environmental Regulation and Industrial Performance | May 2018 |

Professional Networks & Affiliations

RWI Research Network on Energy and Environmental Economics	2016/17 - ongoing
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Other Skills

Programming & Computing: STATA, Matlab, Python, ArcGIS, L^AT_EX

Languages: German (native), English (fluent), Spanish (fluent), Italian (advanced), French (advanced)

Last updated: September 24, 2024