

Stefan Lamp

Contact:

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Academic Positions

- Toulouse School of Economics**, Department of Economics
- Research Fellow, *TSE-P* 9/2023 - current
- Postdoctoral Researcher, *Environmental Economics Group* 9/2016 - 8/2021
- Universidad Carlos III de Madrid**, Department of Economics
Postdoctoral Researcher, *EnergyEcoLab* 9/2021 - 8/2023
- Yale University**, School of the Environment
- Postdoctoral Research Associate, *Solar Energy Evolution and Diffusion Studies* 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: *Essays in Applied Microeconomics: Household and Firm Investment*
- 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
Award for best Master thesis

Main Research Fields

Applied Microeconomics, Energy and Environmental Economics

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

6. *Energy Tax Exemptions and Industrial Production*. Joint with A. Gerster (U Mannheim)
[Cond. accepted at The Economic Journal]
Prizes: German Prize for Economics of the Joachim Herz Stiftung, best paper in the category junior researcher.
5. *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 (forthcoming)]
Prizes: Finalist for the 2021-2022 Gary Lilien ISMS-MSI-EMAC Practice Prize.
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)

Selected Work in Progress

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

Other Work:

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

Conferences and Seminars

2023: Invited talks: Jacques Delors Centre; University of Padua.

2022: UC3M-TSE Energy Workshop, Madrid; 10th Mannheim Conference on Energy and the Environment; 13th Toulouse Conference on the Economics of Energy and Climate. **Invited talks:** Toulouse Business School; University of Barcelona.

2021: IX International Symposium on Energy Transition, U Barcelona; 9th Mannheim Conference on Energy and the Environment; 26th EAERE Conference (online); VfS Annual Conference. **Invited talks:** Bank of Spain; Concordia University; CERNA - MINES ParisTech (PSL Energy Economics); IFN Stockholm.

2020: Workshop on Empirical Methods in Energy Economics (EMEE), ETH Zurich; UC3M-TSE Energy Workshop, Madrid. **Invited talks:** DIW - TU Berlin; CERNA - MINES ParisTech.

2019: 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:** Institute for Advanced Studies (IAST), Toulouse; University of Manchester.

2018: 6th World Congress of Environmental and Resource Economists, Goteborg; TSE Workshop on Environmental Regulation and Industrial Performance, Toulouse; TSE Energy Workshop; **Invited talk:** PUC Chile, Santiago.

2017: 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.

2016: 6th FAERE Thematic Workshop on Green Innovation, Paris; Workshop on Administrative Firm-level Data in Environmental Economics, ZEW, Mannheim; **Invited talks:** Toulouse School of Economics; RWI Essen; Goteborg University.

2015: 11th World Congress of the Econometric Society, Montreal; EMEE Workshop, Maryland U; 3rd Northeast Workshop on Energy Policy & Environmental Economics, New Haven; **Invited talks:** 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 & Student Supervision

Toulouse School of Economics

- *Introduction to Environmental Economics*, Master (M1) in Economics 2023/24
 - *Energy Economics & Climate Policy*, Master (M2) in Environmental Economics 2016/17 - 2019/20
 - *Environmental Economics*, Master (M1) in Economics 2016/17 - 2018/19
- Joint with H. Andersson and C. Gollier / J. Hammitt

Universidad Carlos III de Madrid

- Energy Economics*, PhD. in Economics 2022/23
- Joint with N. Fabra and M. Souza

Yale University, School of the Environment

- The Economics of Solar Photovoltaics* 2015/16
- Master in Environmental Management (MEM) and joint MEM/MBA Program

Other Teaching Experiences

TSE: Data Analytics, Master (M2) in Econometrics & Empirical Economics, Guest Lecture	2018
Yale, School of Management: Sustainability & Marketing, Executive MBA, Guest Lecture	2015
Yale, Center for Teaching and Learning: Scientific Teaching Fellow, Teaching Skills	2016
NYU, Florence-based: International Economics & Finance, Undergraduate, Teaching Assistant	2012

Student Supervision

- TSE Master in Empirical Economics: Thesis Committee	2018/19
- TSE Master in Environmental Economics: Supervision of Internship Projects	2016/17 - 2018/19

Grants and Awards

Joachim Herz Stiftung , German Prize for Economics, Best paper award for junior researcher, joint with Andreas 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, European Economic Review, Journal of Economic Behavior and Organization, Italian Economic Journal, Nature Energy, Nature Human Behaviour, Journal of the Association of Environmental and Resource Economists, 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; Conference 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:

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

Professional Networks & Affiliations

RWI Research Network on Energy and Environmental Economics

2016/17 - ongoing

Other Skills

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

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

Last updated: January 18, 2024