

## Curriculum Vitae

# Natalia Fabra

### CURRENT POSITION

2015 – Full Professor, Economics Dept., Universidad Carlos III de Madrid

### CURRENT FELLOWSHIPS

2018 – Associate Member, Toulouse School of Economics  
2017 – Research Fellow, CEMFi  
2016 – Research Fellow, University of Cambridge Energy Policy Group  
2004 – Research Fellow, Centre for Economic Policy Research

### EDUCATION

2001-2002 Post-doctoral studies, IDEI, University of Toulouse  
2001 PhD in Economics, European University Institute, Florence  
Thesis title: “Market Power in Electricity Markets”  
Supervisor: Massimo Motta  
Committee: Pierpaolo Battigalli, Patrick Rey, Xavier Vives  
1993-1997 BA in Economics, Universidad Carlos III de Madrid

### ACADEMIC EXPERIENCE AND SHORT-TERM VISITS

2018 Visiting Scholar, EPRG, University of Cambridge  
2016–2017 Visiting Scholar, Northwestern University, Chicago  
2008–2015 Associate Professor, Dept. of Economics, Univ. Carlos III de Madrid  
2013 Visiting Scholar, CEMFi, Madrid  
2013–2015 Joint Academic Director, Centre of Regulation in Europe (CERRE)  
2002–2008 Assistant Professor, Dept. of Economics, Univ. Carlos III de Madrid  
2005–2009 ‘Ramón y Cajal’ Research Fellow  
2003–2004 Visiting Research Associate, University of California Energy Institute, Berkeley  
2001–2002 Academic Visitor, Nuffield College, Oxford University

### ACADEMIC AWARDS AND SELECTED GRANTS

2018-2023 ERC Consolidator Grant (European Research Council)  
2018 EAERE Award ERC Grants laureates (environmental and resource economics)  
2015 Excellence in Research Prize (Social Council of Universidad Carlos III)  
2014 Sabadell Herrero Prize for Best Spanish Economist (below 40 years old)  
2014 Julián Marías Prize for Best Researcher in Social Sciences in Madrid Region

### SELECTED PUBLICATIONS

Google Scholar: 2.056 citations; h-index: 17; i10-index: 25

Web of Science: 385 citations; h-index: 10

Ranking Repec: Top 9%, European Union economists.

“The Energy Transition: an Industrial Economics Perspective”  
*International Journal of Industrial Organization*, forthcoming.

“Estimating the Elasticity to Real Time Pricing: Evidence from the Spanish Electricity Market”  
 with D. Rapson, M. Reguant, and J. Wang.  
*American Economic Association Papers & Proceedings*, forthcoming.

“Product Lines and Price Discrimination in Markets with Search Frictions” with J. P. Montero  
*Management Science*, forthcoming.

“A Model of Search with Price Discrimination”, with M. Reguant  
*European Economic Review* 129, 2020.

“Incentives for Information Provision: Energy Efficiency in the Spanish Rental Markets”, with  
 X. Bian  
*Energy Economics* 90, 2020.

“A Primer on Capacity Mechanisms”  
*Energy Economics* 75, 323-335, 2018

“Assessing Coordinated Effects in Merger Cases”, with M. Motta  
*Handbook of Game Theory and Industrial Organization*, (Corchon and Marini) Edward Elgar.

“Dynamic Competition with Switching Costs”, with A. García  
*Dynamic Games and Applications*, 5 (4), 540-567, 2015

“Market Structure and the Competitive Effects of Switching Costs”, with A. García  
*Economics Letters* 126, 150-155, 2015

“Pass-through of Emissions Costs in Electricity Markets”, with M. Reguant  
*American Economic Review*, 104(9), 2872-2899, 2014

“How to Allocate Forward Contracts: the case of electricity markets”, with M-A de Frutos  
*European Economic Review*, 56(3), 451-469, 2012

“Market Design and Investment Incentives”, with N-H von der Fehr and M-A de Frutos  
*Economic Journal*, 121, 1340-1360, 2011

“Endogenous Capacities and Price Competition: the Role of Uncertainty”, with M-A de Frutos  
*International Journal of Industrial Organization*, 29(4), 399-411, 2011

“Supply Security and Short-Run Capacity Markets for Electricity”, with A. Creti  
*Energy Economics*, 29 (2), 259-276, 2007

“Designing Electricity Auctions”, with N-H. von der Fehr and D. Harbord  
*Rand Journal of Economics*, 37 (1), 23-46, 2006

“Collusion with Capacity Constraints over the Business Cycle”  
*International Journal of Industrial Organization*, 24 (1), 69-81, 2006

“Price Wars and Collusion in the Spanish Electricity Market”, with J. Toro  
*International Journal of Industrial Organization*, 23 (3-4), 155-181, 2005

“The Spanish Electricity Industry: Plus ça Change...” with C. Crampes  
*Energy Journal*, 26, 2005

“Tacit Collusion in Repeated Auctions: Uniform versus Discriminatory”  
*Journal of Industrial Economics*, 51 (3) 271-293, 2003

## WORKING PAPERS

“Firms and Household during the Pandemic: What do we Learn from their Electricity  
 Consumption?” with Olympia Bover, Sandra García-Urbe, Aitor Lacuesta and Roberto Ramos.  
*Documento ocasional N°2031 Banco de España*. 2020.  
*CEPR Vetted and Real-Time Papers, Issue 63, 7 January 2021*.

“Technology Neutral versus Technology Specific Procurement” with Juan Pablo Montero. *CEPR Discussion Paper 15554*.

“Degrowth versus Decoupling: Competing strategies for carbon abatement?” with Aitor Lacuesta and Mateus Souza, 2020.

“Storing Power: Market Structure Matters” with David Andrés-Cerezo, *CEPR Discussion Paper 15444*, 2020

“Market Power and Price Discrimination: Learning from Changes in Renewables Regulation” with Imelda Wang, *CEPR Discussion Paper 16362*, 2020

“Auctions with Unknown Capacities: Understanding Competition among Renewables” with Gerard Llobet, *CEPR Discussion Paper 14060*, 2019.

### **ORGANISATION OF SCIENTIFIC MEETINGS**

2021 PhD Summer School on Energy and Environmental Economics, Madrid

2016 Scientific Chair, Meetings of the Spanish Economic Society, Bilbao

2010 Scientific Chair, Jornadas de Economía Industrial, Madrid

### **INSTITUTIONAL AND ACADEMIC RESPONSIBILITIES**

2023 President, Spanish Economic Association

2022 1<sup>st</sup> Vicepresident, Spanish Economic Association

2021 2<sup>nd</sup> Vicepresident, Spanish Economic Association

2020-2021 Jury member: Sabadell Herrero Prize for Best Spanish Economist

2020 Member of the Economic Affairs Advisory Council of the Ministry of Economic Affairs and Digital Transformation.

2020– Member of the Economic Advisory Group on Competition Policy (EAGCP), DG COMP, European Commission

2019 – Panel member, European Research Council Consolidator grants

2019 Panel member, Spanish National Research Prize in Social Sciences

2019 – Panel member, Sabadell Prize in Economics

2018 – Head of EnergyEcoLab, Universidad Carlos III de Madrid

2018 – Associate Editor of the Economic Journal

2014 – Associate Editor, Journal of Industrial Economics.

2017 – 2020 Executive Committee, Spanish Economic Association

2015 – 2017 Head of Recruiting, Economics Dept., Universidad Carlos III de Madrid

2013 – Editor of NEP Working papers, field: Regulation

2013 –2016 Economic Advisory Group, Chief Economist’s Team, DG-COMP, European Commission

2012 –2015 Selection Committee, Ramón y Cajal and Juan de la Cierva researchers

2012 –2015 Steering Committee, Association for Competition Economics (ACE)

2012 –2015 Executive Committee, European Association of Research in Industrial Economics (EARIE)

2012 – 2014 PhD Director, Economics Dept., Universidad Carlos III de Madrid

2006 –2010 Executive Committee, Jornadas de Economía Industrial

2006 – 2009 Organizer of the Internal IO-Micro Seminar, Universidad Carlos III

**Referee for** (on a regular basis): American Economic Review; Econometrica; Economic Theory; Energy Journal; European Economic Review; International Economic Review; International Journal of Industrial Organization; Journal of Economic Theory; Energy

Economics, Energy Journal, Journal of Industrial Economics; Journal of Economic Dynamics and Control; Journal of Economics & Management Strategy; Journal of the European Economic Association; Journal of Political Economy, Management Science; Nature Energy; Rand Journal of Economics; Review of Economic Studies, Quarterly Journal of Economics...

**Participation in Scientific Committees:** Meetings of the Econometric Society, Meetings of the European Economic Assoc., Meetings of the Spanish Economic Assoc., ASSET, EARIE, IDEI Conference on “The Economics of Energy Markets”, Conference on the European Electricity Market, Jornadas de Economía Industrial...

**Seminars:**

2021: ZEW (University of Mannheim), Paris School of Economics, University of Pennsylvania, IESE Business School.

2020: TILEC (Tilburg University), European University Institute, SciencePo (Paris), VIOS CEPR Seminar, Université de Montpellier, PUC Chile, Imperial College, CREST, EUI

2019: Toulouse School of Economics, University of Mannheim, Université Libre de Bruxelles, Bocconi University, University of Vienna

2018: Toulouse School of Economics, Universidade Nova de Lisboa, UAB, Centre for Energy Policy and Economics (Zurich), UCL.

**Keynote & Invited Presentations:**

- IX International Academic Symposium “Energy transition and opportunities for global economic recovery” (June 2022): Keynote lecture.
- 9th PhD-Student Workshop in Industrial and Public Economics (online, February 2021): Keynote lecture.
- Atlantic Workshop on Energy and Environmental Economics (A Toxa, June 2021): Keynote lecture.
- SURED (Ascona, October 2020): Keynote lecture
- EARIE (virtual, August 2020): Keynote lecture.
- Oligo Workshop (virtual, June 2020): Keynote lecture.
- Spanish Assoc. of Energy Economics (Toledo, January 2020): Keynote lecture.
- FSR Annual Conference on Climate Policies (Florence, November 2019): Keynote lecture.
- EARIE (Barcelona, August 2019): Invited session.
- Energy Conference (Mannheim, May 2016): Keynote lecture.

**TEACHING**

*Universidad Carlos III de Madrid*

2010-2017- Undergraduate course on Regulation and Competition

2009-2010- Undergraduate course on Principles of Economics

2008-2011- M.A. course on Competition Policy

2008-present- Ph.D. course on Energy Economics

2003-2011- M.A. course on Industrial Organization

2004-2008- Undergraduate course on Regulation Theory

2003-2005- Undergraduate course on Industrial Organization

2002- Undergraduate course on Decision and Game Theory

*CEMFi, Madrid*

2008 and 2015- M.A. course on Regulation Theory

*Barcelona Graduate School of Economics*

2008-present- M.A. course on Energy Economics

2014-present- Executive course on Energy Economics

**CAREER BREAKS**

4 Maternity leaves: 12/8/2005-4/8/2006; 10/10/2007-2/10/2008; 8/3/2010-12/3/2010;  
6/18/2014-10/18/2014

**PERSONAL INFORMATION**

Nationality and Birth:

Spanish, born 27 December, 1975

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