# Darío Serrano-Puente

Serranopuente.eu
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♥ John M. Keynes No. 1-11, 08034 Barcelona, Spain i Birth: Nov 1994, Fuentepelayo (Segovia), Spain



# Senior Economist @ Banco de España (BdE) | PhD (Cand.) in Economics @ UB

## Research Interests

Economic fields: Public Finance, Taxation, Household Finance, Real Estate, Inequality

Technical fields: Causal-Inference, Linked Admin Micro-Data, Survey Micro-Data, Micro-Simulation

# Education

#### Sep 21 - Aug 26 **PhD in Economics, Universitat de Barcelona** (UB), **♥** Barcelona (Spain)

(expected) multiput universitat de Barcelona School of Economics and Institut d'Economia de Barcelona (IEB)

PhD Thesis: "Essays on Public Finance"

Advisors: Prof. Dirk Foremny (UB, IEB), Prof. Miguel Almunia (CUNEF)

₹ Visiting abroad: Institute for Fiscal Studies (IFS) & University College London (UCL), Sep 23 - Dec 23

#### Master of Science in Economics, Universität Mannheim (UniMA), ♥ Mannheim (Germany) Sep 17 - Jan 20

**m** Department of Economics

MSc Thesis: "Optimal Progressivity of Personal Income Tax: A General Equilibrium Evaluation for Spain"

Advisor: Prof. Krzysztof Pytka (UniMA)

#### Bachelor in Economics, Universidad Autónoma de Madrid (UAM), ♥ Madrid (Spain) Sep 12 - Jul 16

**m** Faculty of Economics

\* Excellence track: Cooperación Educativa (Dual education program with 8-months full-time work)

₹ Stay abroad : Universität Mannheim, Jan 16 - Jul 16

🖹 BA Thesis : "Sociopolitical Environment and Current Economic Situation : Determinants of Ideology in Europe, 2002 - 2014"

Advisor: Prof. Rocío Sánchez-Mangas (UAM)

# **Employment**

#### May 2025 Banco de España, ♥ Madrid (Spain)

Present Senior Economist | Department of Financial Stability and Macroprudential Policy



🛢 Description: Research on real estate markets, household & firm finance, and monitoring of metrics for the Bank of Spain's decision on its macroprudential policy tools, both in terms of the counter-cyclical capital buffer (CCyB) and borrower-based measures (BBM).

#### May 2022 Universitat de Barcelona, ♥ Barcelona (Spain)

April 2025 Pre-Doctoral PhD Researcher | Department of Economics

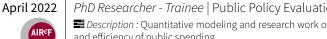


■ Description: Research for my doctoral thesis, teaching, visiting research stays abroad.

Full-time. This is a 3-year contract that emerges from a PhD fellowship grant, which is funded by the Generalitat de Catalunya, through its Agency for Management of University and Research Grants (AGAUR).

#### September 2021 AIReF (Autoridad Independiente de Responsabilidad Fiscal), ♥ Madrid (Spain)

PhD Researcher - Trainee | Public Policy Evaluation Division

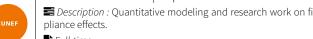


🛢 Description : Quantitative modeling and research work on minimum income systems, public pension design, fiscal policy issues, and efficiency of public spending.

🖹 Full-time. Collaboration agreement between Universitat de Barcelona - UB School of Economics and AIReF.

#### March 2021 **CUNEF (Colegio Universitario de Estudios Financieros), ♥** Madrid (Spain)

August 2021 Research Economist | Department of Economics



🛢 Description : Quantitative modeling and research work on fiscal policy issues, especially taxation at the top and firm's tax com-

Full-time.

## September 2019

March 2021

## Banco de España, ♥ Madrid (Spain)

Assistant Research Economist | Structural Analysis Division | DG Economics, Statistics and Research



🖴 Description : Quantitative modeling and research work on fiscal policy issues, taxation and redistribution, income and wealth inequality, energy efficiency and climate change, firm dynamics, market power, policy evaluation through micro-simulation tools, minimum wage, negative income tax, universal basic income.

Full-time.

## January 2019 July 2019

## **NERA Economic Consulting**, **♥** Madrid (Spain)

Research Associate | Energy Division



🛢 Description : Energy market research, competitor analysis, economic research support for litigation cases and arbitrations related to price reviews in long-term gas supply contracts, due diligence evaluations in support of acquisitions of regulated network assets, gas market design.

Part-time (50%).

## Publications

### **Peer-Refereed Publications**

- > "Are We Moving Toward An Energy-Efficient Low-Carbon Economy? An Input-Output LMDI Decomposition of CO2 Emissions for Spain and the EU28". SERIEs - Jorunal of the Spanish Economic Association, vol. 12(2), special issue on "The Economics of
- > "Optimal Progressivity of Personal Income Tax: A General Equilibrium Evaluation for Spain". SERIEs Jorunal of the Spanish Economic Association, vol. 11(4) (2020), € doi: 10.1007/s13209-020-00226-0.

## **Policy-Oriented Published Work**

- > "1<sup>a</sup> Opinión sobre el Ingreso Mínimo Vital" (collaboration with AIReF). Informe de opinión, n. 1/2022.
- > "Recent Changes in CO2 Emissions in Spain" (with Llanos Matea and Aitor Lacuesta). Bank of Spain Economic Bulletin, n. 2/2021, Box n. 6 (2021).
- > "Effects of E-Commerce on Prices and Business Competition" (with Aitor Lacuesta and Pau Roldán). Bank of Spain Economic Bulletin, n. 4/2020, Analytical Article n. 38 (2020).

# 🔄 🗗 Conferences, Seminars & Workshops

#### Conferences

- Mannheim Taxation 2024 11<sup>th</sup> Annual Mannheim Taxation Conference, **♥** Mannheim (Germany). 2024
- SAEe2023 48<sup>th</sup> Symposium of the Spanish Economic Association, **♥** Salamanca (Spain). 2023
  - MADPub2023 Madrid Public Economics Workshop CUNEF, ♥ Madrid (Spain).
- Public Finance Workshop CUNEF 2022, ♥ Madrid (Spain). 2022

### **Invited Seminars**

- 2024 Institut d'Economia de Barcelona Seminar Series, ♥ Barcelona (Spain).
- 2021 Banco de España Seminar Series, Madrid (Spain).
- 2020 Banco de España Seminar Series, Madrid (Spain).

## Organization activities

- Organization duties and sessions' host @ Workshop on the Economics of Taxation 2023, ♥ Barcelona (Spain).
- 2021 Sessions' host @ EWMES21 - European Winter Meetings of The Econometric Society 2021, ♥ Barcelona (Spain). Sessions' host @ SAEe2021 - 46<sup>th</sup> Symposium of the Spanish Economic Association, **♥** Barcelona (Spain).

#### Teaching 4

Introduction to Economics, 
■ Universitat de Barcelona, 
Parcelona (Spain). [Bachelor (Undergrad) level, 6 ECTS] 2024 2023 Introduction to Economics, 
■ Universitat de Barcelona, 
Parcelona (Spain). [Bachelor (Undergrad) level, 6 ECTS]

# **Q** Refereeing Activity

# **T** Grants, Honors & Awards

Sep 2024 - Aug 2026 Catalan IEA funding for project "Centralized tax instruments, tax avoidance, and its regional effects". [€10,000, member] Sep 2023 - Dec 2023 SEBAP mobility grant for research stay @ IFS & UCL. [€4,200] Jun 2023 - May 2024 Fundació Banc Sabadell pre-doctoral research funding for research activities and visiting @ IFS & UCL. [€6,000] Ministry of Science funding for project "Taxation and redistribution between globalization and decentralization". [€11,000, member] Sep 2022 - Aug 2025 Jan 2022 - Jun 2025 AGAUR (Generalitat de Catalunya) research group funding for the Institut d'Economia de Barcelona. [€60,000, member] FI-AGAUR (Generalitat de Catalunya) PhD fellowship grant @ Universitat de Barcelona. [€56,000] May 2022 - Apr 2025 Sep 2021 - Aug 2022 AIReF-UB collaboration agreement for PhD traineeship grant @ AIReF. [€18,000] Oct 2021 - Jul 2022 UB School of Economics incoming PhD TA/RA grant @ Universitat de Barcelona. [€8,000, non-formalized acceptance] High Honors Recognition in Master's Thesis @ Universität Mannheim. Jan 2020 Sep 2019 - Mar 2021 Banco de España Research Assistant fellowship grant @ Banco de España [€64,000]. Erasmus + mobility grant in BA studies for visiting @ Universität Mannheim [€1,800]. Jan 2016 - Jul 2016 Sep 2014 - Jul 2016 Cooperación Educativa Excellence Track in BA studies @ Universidad Autónoma de Madrid [€4,000]. Sep 2013 - Jul 2016 High Honors Tuition Waiver (45 ECTS) in BA studies @ Universidad Autónoma de Madrid [€1,200].

# </> Computer Literacy



Stata Euromod



Matlab Git



RStats HTML & CSS



Python VS Code



Julia MEX



Fortran Power BI



# Languages



Native Fluent CEFR C1 Fluent CEFR B2 Intermediate CEFR B1

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# Other Professional Experience

June 2017 August 2017 Huercasa, ♥ Sanchonuño (Spain)

Sales Agent - Wholesale & Retail | Commercial Department



Description: Commercial relations of international stature, distribution logistics, follow-up of sales, marketing strategies and modeling.

Full-time.

February 2017 April 2017 John Deere, ♥ Mannheim (Germany)





**E** Description: Dealer's portfolio management, settlement, and order fulfillment activities, e-billing, accounting and bookkeeping, SAP, customer financing, high risk management.

Full-time.

January 2015 December 2015 Management Solutions, ♥ Madrid (Spain)

Consultant in Financial and Commodities Risk Consulting | Financial Risks Area



**B** Description: Risk normative for banking, quantitative risk modeling, regulatory reporting (EBA, ECB, European Commission, FSB), capital requirements, risk management (credit, operational, methodology, and liquidity risk).

Full-time. Collaboration agreement under the Cooperación Educativa Excellence Track.

(Last update: June 18<sup>th</sup>, 2025. Access latest version here.)

(If you like this CV template, feel free to get here  $\,$  my LuaLaTeX source-codes to build it up.)