

# Darío Serrano-Puente

 serranopuente.eu    @darioserranopue    serranopuente    serranopuente  
 Google Scholar    ORCID    IDEAS    Web of Science    SSRN    Banco de España Author's Repo  
 (+34) 626 91 22 97    darioserrapuente@gmail.com    dario.serrano@ub.edu  
 John M. Keynes No. 1-11, 08034 Barcelona, Spain    Birth : Nov 1994, Fuentepelayo (Segovia), Spain



## PhD Candidate in Economics @ Universitat de Barcelona & IEB

### Research Interests

**Economic fields :** Public Finance, Taxation, Public Policy Evaluation, Inequality, Macroeconomics  
**Technical fields :** Micro-Simulation, Micro-Data, Computational Economics, [QuantEcon](#), Machine Learning

### Affiliations

Sep 2021 - Present   *PhD Candidate*,  **Universitat de Barcelona School of Economics**,  Barcelona (Spain)  
Sep 2021 - Present   *Pre-Doctoral Research Fellow*,  **Institut d'Economia de Barcelona (IEB)**,  Barcelona (Spain)

### References

**Dirk Foremny**, Universitat de Barcelona School of Economics  
 Associate Professor & PhD Thesis Supervisor  
 Barcelona (Spain)  
 foremny@ub.edu

**Miguel Almunia**, CUNEF  
 Director Department of Economics  
 Madrid (Spain)  
 miguel.almunia@cunef.edu

**Olympia Bover**, Banco de España  
 Microeconomic Studies Department Director  
 Madrid (Spain)  
 bover@bde.es

**Anne Brockmeyer**, Institute for Fiscal Studies & UCL  
 Research Director for TaxDev  
 London (UK)  
 brockmeyer.anne@gmail.com

### Education







Sep 2021 - Apr 2025  
(expected)  
 **PhD in Economics, Universitat de Barcelona** (UB),  Barcelona (Spain)  
 **Universitat de Barcelona School of Economics** and **Institut d'Economia de Barcelona (IEB)**  
 *PhD Thesis* : “Essays on Public Finance”  Manuscript  Presentation  
 *Advisors* : Prof. Dirk Foremny (UB, IEB), Prof. Miguel Almunia (CUNEF)

Sep 2017 - Jan 2020  
 **Master of Science in Economics, Universität Mannheim** (UniMA),  Mannheim (Germany)  
 **Department of Economics**  
 *Recognition in* : Master's Thesis  
 *MSc Thesis* : “Optimal Progressivity of Personal Income Tax : A General Equilibrium Evaluation for Spain”  Manuscript  
 *Advisor* : Prof. Krzysztof Pytka

Sep 2012 - Jul 2016  
 **Bachelor in Economics, Universidad Autónoma de Madrid** (UAM),  Madrid (Spain)  
 **Faculty of Economics**  
 *Excellence track* : **Cooperación Educativa** (Dual education program with 8-months full-time work)  
 *Stay abroad* : Visiting (Erasmus +) student at **Universität Mannheim** (Jan 2016 - Jul 2016)  
 *High Honors in* : Macroeconomics, Statistical Learning, Spanish Economic History, World Economic History, Sociology, Public Economics, Economic Structure and International Economic Relations  
 *BA Thesis* : “Sociopolitical Environment and Current Economic Situation : Determinants of Ideology in Europe, 2002 - 2014”  Manuscript  
 *Advisor* : Prof. Rocío Sánchez-Mangas

### 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 - Journal of the Spanish Economic Association*, vol. 12(2), special issue on “*The Economics of the Energy Transition*” (2021),  doi : 10.1007/s13209-020-00227-z.  
 Google Scholar  Bank of Spain - Working Paper n. 2104 (2021)  Manuscript  Summary-Thread  
 Informe España 2050

- > “Optimal Progressivity of Personal Income Tax : A General Equilibrium Evaluation for Spain”. *SERIEs - Journal of the Spanish Economic Association*, vol. 11(4) (2020), doi : 10.1007/s13209-020-00226-0.  
 Google Scholar [ Bank of Spain - Working Paper n. 2101 (2021) ] [ Manuscript ] [ Summary-Thread ]  
 Distinction : [Research Feature Bank of Spain 2021]  
 El Confidencial La Vanguardia El Periódico de Canarias La Información

## Policy-Oriented Published Work

- > “1ª Opinión sobre el Ingreso Mínimo Vital” (collaboration with AIReF). *Informe de opinión*, n. 1/2022.  
 Summary Video [ Published Manuscript ] [ Presentation ] [ Summary-Thread ]  
 El País El Confidencial El Mundo El Diario ABC Onda Cero
- > “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).  
 Google Scholar [ Spanish version ] [ Summary-Thread ]
- > “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).  
 Google Scholar [ Spanish version ] [ Summary-Thread ]  
 El País La Vanguardia Cadena Ser El Correo Europa Press

## Academic Employment

May 2022  
Present



**Universitat de Barcelona**, Barcelona (Spain)

*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 \(AGAUR\)](#). This scholarship is formalized through a 3-year temporary contract that provides me with funding for my doctoral studies and for research stays / visiting at universities abroad. This contract also allows me to hold different lectures, courses and subjects (teaching duties) for BA or MSc Economics degrees.

September 2021  
April 2022



**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 which allows selected PhD student to complete one year of the PhD program working as a Researcher (through a research grant) at AIReF.

March 2021  
August 2021



**CUNEF (Colegio Universitario de Estudios Financieros)**, Madrid (Spain)

*Research Economist* | Department of Economics

*Description* : Quantitative modeling and research work on fiscal policy issues, especially taxation at the top and firm's tax compliance effects.

*Full-time*.

September 2019  
March 2021



**Banco de España**, Madrid (Spain)

*Research Economist - Assistant* | 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%)*.

## Conferences, Seminars & Workshops

### Seminars as speaker

- 2022 Public Finance Workshop CUNEF, Madrid (Spain), in-person. [ Presentation ]
- 2021 Banco de España Seminar Series, Madrid (Spain), virtual. [ Presentation ]
- 2020 Banco de España Seminar Series, Madrid (Spain), virtual. [ Presentation ]

### Seminars as discussant

- 2022 Public Finance Workshop CUNEF, Madrid (Spain), in-person. [ Presentation ]

## Organization activities

- 2021 Sessions' host @ [European Winter Meetings of The Econometric Society 2021 \(#EWMES21\)](#), 📍 Barcelona (Spain), 13-15 Dec, 🖥 virtual.  
Sessions' host @ [Symposium of the Spanish Economic Association 2021 \(#SAEe2021\)](#), 📍 Barcelona (Spain), 16-18 Dec, 🧑 in-person.

## Teaching

- 2023 Introduction to Economics, 🇪🇸 Universitat de Barcelona, 📍 Barcelona (Spain). [Bachelor (Undergrad) level, 6 ECTS]

## Refereeing Activity

Environment, Development and Sustainability 🌱 10668

## Grants, Honors & Awards

- 2022 Funding for project "Taxation and redistribution between globalization and decentralization" @ "Plan Estatal de Investigación Científica, Técnica y de Innovación 2021-2023".  
[Funded by Ministerio de Ciencia through the "Estrategia Española de Ciencia, Tecnología e Innovación 2021-2027"]  
May 2022 - Apr 2025 3-year PhD Fellowship Grant @ UB School of Economics. [Funded by AGAUR (Generalitat de Catalunya) through UB]  
Oct 2021 Attendance Scholarship @ XXVI Encuentro de Economía S'Agaró, 📍 S'Agaró (Spain). [Funded by FIOP]  
Sep 2021 - Aug 2022 1st-year PhD Trainee (12-month) Grant @ AIREF. [Funded by AIREF through UB School of Economics]  
Oct 2021 - Jul 2022 1st-year PhD TA (10-month) Grant @ UB School of Economics. [Non-formalized acceptance]  
Jan 2020 High Honors Recognition in Master's Thesis @ Universität Mannheim.  
Jan 2016 - Jul 2016 Erasmus + Grant for stay @ Universität Mannheim as visiting BA student.  
Sep 2014 - Jul 2016 BA in Economics through the Cooperación Educativa Excellence Track. [Dual education program]  
Sep 2013 - Jul 2016 High Honors Tuition Waiver (45 ECTS) @ Universidad Autónoma de Madrid.  
May 2016 Spanish Delegate @ European Parliament Youth Congress, 📍 Strasbourg (France).  
Oct 2014 Spanish Delegate @ CYFI - Europe and Central Asia Meeting, 📍 Skopje (North Macedonia).

## Computer Literacy



## Languages

Spanish	●●●●●●●●	Native
English	●●●●●●●○	Fluent CEFR C1
German	●●●●●●○○	Fluent CEFR B2
French	●●●●○○○○	Basic CEFR A2

## Dissemination, Interviews & Other Media Appearances

### Talks

- Conferencia magistral en Fundación Villa de Pedraza
  - Los retos de la economía española : pandemia, guerra y el papel del Estado (Apr22)
  - ¿Para qué sirve la economía? ¿En qué trabaja un economista? (Mar21)

### TV


- Castilla y León TV
  - Causas de la subida del precio de la electricidad (Sep21)
  - Economía y despoblación, el caso español (Aug21)
  - Efectos de subir el SMI (Jul21)
  - Nueva cotización de autónomos (Jun21)
  - Tributación conjunta en el IRPF (May21)
  - Consecuencias económicas de la pandemia (Apr21)

### Radio

- Cadena Cope (Segovia)
  - ¿Efectos sobre el empleo una modificación del SMI? (Jun21)
  - ¿Cómo puede afectar a los autónomos la reforma de su cotización? (May21)
  - ¿La progresividad del IRPF es suficiente? (Apr21)
  - Economía española y COVID-19 (Mar21)
- Onda Cero (Segovia)
  - Situación económica en tiempo de pandemia (Mar21)
- Radio Nacional de España (RNE)
  - Economía y despoblación : "Madrid atrae, Madrid repele" (Apr21)
- Nordeste Radio
  - Alquileres, Empresas Zombie, Canal Suez (Mar21)
  - Análisis de coyuntura económica (Feb21)

## Written Press

> (Economic analyses in different written-press media)

 El Mundo (Mar21)

 El Norte de Castilla (Feb21)

 El Adelantado de Segovia (Feb21)

 El Día de Segovia (Feb21)

 El Español (Feb21)


 Cuellar7 (Feb21)

## 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)

*Business Processor - Order Processing and Finance* | Financial Department

 *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

 *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*.

## Additional Information

**Citizenship** : Spanish

**Culture** : Actor in theater troupe and musician in different music groups

**Hobbies** : Politics, sports, earth rainfall climatology (with my father), traveling

**Membership** : [Acción Castilla y León](#) - Grupo de Economía

**Other** : Experience as worker in international fairs across Europe & music festivals

(Last update : March 20<sup>th</sup>, 2023. Access latest version [here](#).)

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