

Darío Serrano-Puente

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 José Abascal No. 2, 2ª planta, 28003 Madrid, Spain
 Nov 1994, Segovia, Spain



PhD (Candidate) in Economics @ UB School of Economics and IEB PhD Researcher (Trainee) @ AIReF

Research Interests

Economic fields: Public Finance, Taxation, Public Policy Evaluation, Macroeconomics
Technical fields: Micro-simulation Tools, Computational Economics, Statistical Learning







Affiliations

Sep 2021 - Present Pre-doctoral Research Fellow,  Institut d'Economia de Barcelona (IEB),  Barcelona (Spain)

Education

Sep 2021 - Jun 2024
(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 Economics" (Tentative)
 Advisor: Prof. Dirk Foremny



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]

- > "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

- > "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

September 2021

Present



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

Invited seminars

2021 Banco de España Seminar Series, Madrid (Spain), virtual. [Presentation](#)

2020 Banco de España Seminar Series, Madrid (Spain), virtual. [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.

Refereeing Activity

Environment, Development and Sustainability 10668

References

Dr. Olympia Bover, Banco de España

Microeconomic Studies Department Director
Madrid (Spain)
 bover@bde.es

Dr. Krzysztof Pytka, Universität Mannheim

Quantitative Macroeconomics Chair
Mannheim (Germany)
 pytka@uni-mannheim.de

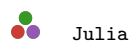
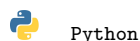
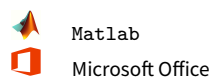
Dr. Aitor Lacuesta, Banco de España

Structural Analysis Division Head
Madrid (Spain)
 aitor.lacuesta@bde.es

Dr. Miguel Almunia, CUNEF

Director Department of Economics
Madrid (Spain)
 miguel.almunia@cunef.edu

</> Computer Literacy



📄 Languages

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

🏆 Grants, Honors & Awards

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 2021	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).

📢 Dissemination, Interviews & Other Media Appearances

🗣️ Talks

- > Institutos de Educación Secundaria y Bachillerato de Segovia
 [¿Para qué sirve la economía? ¿En qué trabaja un economista?](#) (Mar21)

📺 TV

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

📻 Radio

- > Cadena Cope (Segovia)
 [Economía española y COVID-19](#) (Mar21) [¿La progresividad del IRPF es suficiente?](#) (Apr21)
 [¿Cómo puede afectar a los autónomos la reforma de su cotización?](#) (May21) [¿Efectos sobre el empleo una modificación del SMI?](#) (Jun21)
- > 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
 [Análisis de coyuntura económica](#) (Feb21) [Alquileres, Empresas Zombie, Canal Suez](#) (Mar21)

📰 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 : Jóvenes Castilla y León- Grupo de Economía
Other : Experience as worker in international fairs across Europe & music festivals

(last update : December 24th, 2021) (access latest version [here](#))