

CURRICULUM VITAE

ANTONIO JESÚS SÁNCHEZ FUENTES

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CONTACT INFORMATION

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Instituto Complutense de Estudios Internacionales, ICEI	Dpto. Economía Aplicada, Pública y Política
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PROFESSIONAL STATUS

- 05/2019– Associate professor, **U. Complutense de Madrid.**, Department of Applied, Public and Political Economics.
- 05/2019– Profesor Titular de Universidad, **U. Complutense de Madrid.**, Departamento Economía Aplicada, Pública y Política.
- 03/2018– Executive editor, **e-pública: revista electrónica sobre la enseñanza de la economía pública**
- 11/2017– Director, **UCM Research group "Family Policies"**
- 03/2017– Academic Secretary, **Instituto Complutense de Estudios Internacionales (ICEI-UCM)**
- 03/2014– Research Affiliate, **Governance and Economics research Network, U. Vigo (GEN-Uvigo)**
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EDUCATION

- 2008/09 **PhD in Economics, U. Pablo de Olavide.**
Department of Economics.
Project title: ESSAYS ON PUBLIC SPENDING: A COMPUTATIONAL APPROACH
- **Thesis advisors:** Diego Martínez (U. Pablo de Olavide) and Javier J. Pérez (Bank of Spain)
- ✓With CUM LAUDE and DOCTOR EUROPEUS mentions.
- 1995/96–1999/00 **MA in Mathematics, U. Sevilla.**
Specialization: *Numerical Analysis and Partial Differential Equations.*
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GRANTS AND AWARDS

- 2015 **"e-pública" Prize -VII Jornadas de Docencia en Economía-** for work that shows higher quality and relevance in teaching the public sector intervention role in economic activity (Joint with Miriam Hortas-Rico)
- 2014 **Alexandre Pedrós Annual Prize to the best paper published in the Hacienda Pública Española/Review of Public Economics** (Joint with Diego J. Pedregal and Javier J. Pérez)
- 03/2010 **Extraordinary Doctorate Award (U. Pablo de Olavide)**
- 06/2008–09/2008 **Internship, European Central Bank**

PREVIOUS PROFESSIONAL EXPERIENCE

- 09/2017–08/2019 Academic Coordinator, **Máster Universitario en Economía (U. Complutense de Madrid)**
- 09/2017–09/2017 **External consultant, Joint Research Center (European Commission)**
- 06/2017–11/2017 **External consultant, Comunidad de Madrid**
With the Regional ministry of Economy, Employment and Finance in relation to the reform of the autonomous financing system
- 09/2015–09/2016 **External consultant, Comunidad de Madrid**
Through the Family Policies Extraordinary Chair of the U. Complutense de Madrid, financed by Acción Familiar.
- 11/2014– Associate Professor (Contratado Doctor), **U. Complutense de Madrid.**
Department of Applied, Public & Political Economics.
- 11/2013–04/2014 **External consultant, Spanish Agency for International Development Cooperation (AE-CID)**
- 05/2013–11/2013 **External consultant, European Commission**
- 10/2010–10/2014 **Ph.D Assistant Professor, U. Complutense de Madrid.**
Department of Applied Economics VI (Public finance and Fiscal system).
- 07/2010–09/2010 **External consultant, European Central Bank**
- 02/2010–09/2010 **Ph.D Assistant Professor, U. Pablo de Olavide.**
Department of Economics.
- 06/2008–09/2008 **Intern, European Central Bank**
Fiscal Policies Division.
- 03/2007–05/2007 **Visiting Ph D student, U. Carlos III de Madrid**
Department of Economics.
- 09/2006–01/2010 **Assistant Professor, U. Pablo de Olavide.**
Department of Economics.
- 09/2001–09/2006 **Research Assistant, Fundación Centro de Estudios Andaluces, centra:**
Department of Economics.

PUBLICATIONS

◇ *Work in progress*

- ▶ **Nowcasting private consumption: traditional indicators, uncertainty measures, and the role of internet search query data.** Joint with María Gil (Bank of Spain), Javier J. Pérez (Bank of Spain) and Alberto Urtasun (Bank of Spain)

Working paper version:

- 2018: **Nowcasting private consumption: traditional indicators, uncertainty measures, and the role of internet search query data.** Working Paper N^o 1842, Bank of Spain.

- ▶ **Is Public Sector Performance just a matter of money? The case of the Spanish regional governments.** Joint with Raul García-Gómez (Complutense Institute of International Studies, UCM), Jorge Onrubia-Fernández (Complutense Institute of International Studies, UCM, FEDEA & GEN-Uvigo)

Working paper version:

- 2019: **Is Public Sector Performance just a matter of money? The case of the Spanish regional governments.** Working paper No. 0119, ICEI Working Papers Series.

- ▶ **Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans.** Joint with Javier J. Pérez (Bank of Spain) and Engin Yilmaz (Ministry of Finance, Turkey)
- ▶ **Mastering the fiscal crisis: expenditure reform in advanced economies.** Joint with Sebastian Hauptmeier (German Ministry of Finance) and Ludger Schuknecht (German Ministry of Finance)
- ▶ **Determinants of intergenerational family solidarity during the Great Recession: the Spanish case.** Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar)
- ▶ **Movilidad social, desigualdad y ciclo económico: Impacto en España de la Gran Recesión.** Joint with Patricia Blanco-Palmero (Spanish Institute of Fiscal Studies) and Jorge Onrubia-Fernández (Complutense Institute of International Studies, UCM, FEDEA & GEN-Uvigo)
- ▶ **Path and speed of spectrum management reform under uncertain costs and benefits.** Joint with José Marino García García (Ministerio de) and Aurelia Valiño Castro (U. Complutense de Madrid)

Working paper version:

- 2018: **Path and speed of spectrum management reform under uncertain costs and benefits.** Working paper No. 0218, ICEI Working Papers Series.
- ▶ **Price discrimination of OTT providers under duopolistic competition and multi-dimensional product differentiation in retail broadband access.** Joint with José Marino García García (Ministerio de) and Aurelia Valiño Castro (U. Complutense de Madrid)

Working paper version:

- 2016: **Price discrimination of OTT providers under duopolistic competition and multi-dimensional product differentiation in retail broadband access.** Working Paper No. 1607, Collection A: Public economics, Governance and Decentralization.
- ▶ **Finite sample properties of Parameterized Expectations Algorithm solutions; Is the replication length so determinant?**

◇ Citations

Orcid ID	ResearcherID	Scopus ID	Scholar Google ID	RePEc ID
0000-0002-8018-2830	F-9667-2017	39862076900	MwquaHgAAAAJ	psn18

◇ in refereed journals

- 2019 **Tax reforms and Google searches: the case of Spanish VAT reforms during the great recession**, *SERIES*, 10, 321–336. Joint with Joaquín Artés-Caselles (Instituto Complutense de Estudios Internacionales, ICEI-UCM) and Ana Melissa Botello Mainieri (U. Complutense de Madrid)
- 2019 **Determinants of intergenerational family solidarity during the Great Recession: the Spanish case**, *RESEARCH ON AGEING AND SOCIAL POLICY*, 7(2), 363–401. Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar & U. Complutense de Madrid)
- 2019 **Is Public Sector Performance just a matter of money? The case of the Spanish regional governments**, *ECONOMICS AND BUSINESS LETTERS*, 8(2), 74–84. Joint with Raul García-Gómez (Instituto Complutense de Estudios Internacionales, UCM) and Jorge Onrubia-Fernández (Instituto Complutense de Estudios Internacionales, UCM, FEDEA & GEN-Uvigo)
- Working Paper versions:**
- 2019: **Is Public Sector Performance just a matter of money? The case of the Spanish regional governments.** Working Paper No. No. 0119, ICEI Working Papers Series.
- 2019 **Public sector bureaucracies and economic growth**, *REVISTA DE ECONOMÍA MUNDIAL*, 51, 121–138. Joint with Jorge Onrubia-Fernández (ICEI-UCM & FEDEA & GEN-Uvigo) and Javier J. Pérez (Bank of Spain)

- 2018 **Multi-Factor Effective Corporate Taxation, firms' mark-ups and Tax Incidence: Evidence from OECD Countries**, FISCAL STUDIES, 39 (3), 417-453. Joint with Salvador Barrios (European Commission, JRC-EC) and Gaetan Nicodème (ULB, CESifo and CEPR)
- Working Paper versions:**
- 2014: **Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries**. Working Paper No. 5017, CESifo.
 - 2014: **Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries**. Discussion Paper No. 10198, Centre for Economic Policy Research (CEPR)
 - 2014: **Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries**. Taxation Paper N° 45, European Commission, DG TAXUD.
- 2018 **A quarterly fiscal database fit for macroeconomic analysis**, HACIENDA PÚBLICA ESPAÑOLA/REVIEW OF PUBLIC ECONOMICS, 224(1), 139-155. Joint with Francisco de Castro (European Commission), Francisco Martí (Bank of Spain), Antonio Montesinos (Bank of Spain) and Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2014: **Fiscal policies in Spain: main stylised facts revisited**. Working Paper N° 1408, Bank of Spain.
- 2017 **How costly are public sector inefficiencies? A theoretical framework for rationalising fiscal consolidations**. ECONOMICS: THE OPEN-ACCESS, OPEN-ASSESSMENT E-JOURNAL, 11 (2017-35), 1–19. Joint with Jorge Onrubia-Fernández (ICEI-UCM & FEDEA & GEN-Uvigo)
- Working Paper versions:**
- 2017: **How costly are public sector inefficiencies? A theoretical framework for rationalising fiscal consolidations**. Discussion Paper N° 2017-47. Kiel Institute for the World Economy research Network.
 - 2014: **How costly are the public sector inefficiencies? An integrated framework for its assessment**. Working Paper N° 14/07. Universidade de Vigo, GEN - Governance and Economics research Network.
- 2015 **Spending dynamics in euro area countries: composition and determinants**, HACIENDA PÚBLICA ESPAÑOLA/REVIEW OF PUBLIC ECONOMICS, 215 (4), 119-138. Joint with Sebastian Hauptmeier (European Central Bank) and Ludger Schuknecht (German Ministry of Finance)
- 2014 **A Toolkit to Strengthen Government Budget Surveillance**, HACIENDA PÚBLICA ESPAÑOLA/REVIEW OF PUBLIC ECONOMICS, 211 (4), 117-146. Joint with Diego J. Pedregal (U. Castilla-la-Mancha) and Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2014: **A toolkit to strengthen government budget surveillance**. Working Paper N° 1416, Bank of Spain.
- 2013 **Institutional determinants of public-private sector wages' linkages**, APPLIED ECONOMICS LETTERS, 20 (12), 1165-1169. Joint with Ana Lamo (European Central Bank) and Javier J. Pérez (Bank of Spain)
- 2011 **The optimal policy in the provision of public inputs. To what extent do technology, taxation and preferences matter?**, JOURNAL OF ECONOMIC POLICY REFORM, 14 (3), 255-267. Joint with Diego Martínez López (U. Pablo de Olavide)
- Working Paper versions:**
- 2010: **How sensitive is the provision of public inputs to specifications?**. Working Paper N° 10/04. Universidad Pablo de Olavide, Seville, Spain.
 - 2006: **On the optimal level of public inputs**. Working Paper N° 06/34. Universidad Pablo de Olavide, Seville, Spain.
 - 2005: **Optimal Provision of Public Inputs in a Second Best Scenario**. Working paper N° 17/05. Institute of Fiscal Studies, Madrid, Spain.
- 2011 **Towards expenditure rules and fiscal sanity in the euro area**, JOURNAL OF POLICY MODELING, 33, 597-617. Joint with Sebastian Hauptmeier (European Central Bank) and Ludger Schuknecht (European Central Bank)
- Working Paper versions:**

- 2010: **Towards expenditure rules and fiscal sanity in the euro area.** Working Paper N^o 1266, European Central Bank.
- 2011 **Is there a signalling role for public wages? Evidence for the euro area based on macro data**, *EMPIRICAL ECONOMICS*, 41 (2), 421-445. Joint with Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2010: **Is there a signalling role for public wages? Evidence for the euro area based on macro data.** Working Paper N^o 1148, European Central Bank.
 - 2009: **Is there a signalling role for public wages? Evidence for the euro area based on macro data.** Working Paper N^o 0934, Bank of Spain.
- 2011 **Optimization in non-standard problems. An application to the provision of public inputs**, *COMPUTATIONAL ECONOMICS*, 37 (1), 13-38. Joint with Diego Martínez López (U. Pablo de Olavide)
- Working Paper versions:**
- 2008: **Optimization in non-standard problems. An application to the provision of public inputs.** Working Paper N^o 08/07. Universidad Pablo de Olavide, Seville, Spain.
 - 2006: **A new approach to solve non-regular constrained optimization problems.** Working Paper N^o 06/35. Universidad Pablo de Olavide, Seville, Spain.
- 2010 **A note on the optimal level of public inputs**, *SOCIAL CHOICE AND WELFARE*, 34 (3), 363-369. Joint with Diego Martínez López (U. Pablo de Olavide)
- 2009 **Alternatives to initialize the Parameterized Expectations algorithm**, *ECONOMICS LETTERS*, 102 (2), 116-118. Joint with Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2005: **Parametrized Expectations Algorithm and the Moving Bounds: a comment on convergence properties.** Working paper E2005/12. Centro de Estudios Andaluces, Sevilla.
- ◇ *in books, conference volumes and other non-peer-reviewed publications*
- 2019 **Evaluación de políticas públicas: una tarea urgente e imprescindible** in *El Sector Público Español: Reformas pendientes*, Chapter. 8, 211-239, FUNCAS, ISBN: 978-84-17609-25-2.
Con Jorge Onrubia-Fernández (ICEI-UCM & FEDEA & GEN-Uvigo)
- 2018 *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*, Colección Acción Familiar. Editorial Cinca, Madrid.
Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid), Viviana González Hincapié (Acción Familiar & U. Complutense de Madrid) and Manuela Prieto-Rodríguez (U. Sevilla)
- 2018 *Las familias en España: análisis de su realidad social y económica en las últimas décadas*, Colección Acción Familiar. Editorial Cinca, Madrid.
Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar & U. Complutense de Madrid)
- 2017 *Análisis de la situación de las familias en la Comunidad de Madrid en el año 2017*, Comunidad de Madrid. Dirección General de la Familia y el Menor, Madrid.
Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar & U. Complutense de Madrid)
- 2017 **Disciplina presupuestaria: ¿Qué hemos aprendido de la Gran Recesión?** in *Lecciones para después de una crisis: Estudios en homenaje al Profesor Albi*, Chapter 2, 35-78. Instituto de Estudios Fiscales.
Joint with Carlos Contreras (U. Complutense de Madrid)
- 2016 *Análisis de la situación socioeconómica de las familias en la Comunidad de Madrid en el año 2016*, Comunidad de Madrid. Dirección General de la Familia y el Menor, Madrid.
Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar & U. Complutense de Madrid)

- 2015 *Personas mayores y solidaridad intergeneracional en la familia. El caso español*, Colección Acción Familiar. Editorial Cinca, Madrid.
Joint with María Teresa López López (Acción Familiar & U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar & U. Complutense de Madrid)
- 2015 **Concertación público-privada en educación no universitaria** in *Economía de la Gestión Pública: Cuestiones fundamentales*, Chapter 7.2, pp. 225-251. Editorial Universitaria Ramón Areces, Madrid.
- 2013 **Crowding-in or Crowding-out? Employment in the Public and the Private Sector in the OECD** in *Wages and Employment: Economics, Structure and Gender Differences*, Chapter 8, pp. 167-182. Nova Publishers, New York.
Joint with Ana Lamo (European Central Bank) and Javier J. Pérez (Bank of Spain)
- 2012 **Towards expenditure rules and fiscal sanity in the euro area** in *Rules and Institutions for Sound Fiscal Policy after the Crisis*, Chapter 19, pp. 491-512. Banca d'Italia, Rome.
Joint with Sebastian Hauptmeier (German Ministry of Finance) and Ludger Schuknecht (German Ministry of Finance)
- 2012 **Public expenditure policies during the EMU period: Lessons for the future?** in *The Future of the Euro (Brown Book 2012)*, Chapter 8, pp. 289-341. Circulo de Empresarios, Madrid.
Joint with Sebastian Hauptmeier (German Ministry of Finance) and Ludger Schuknecht (German Ministry of Finance)
- 2011 **The PEA-toolbox, a Matlab model-independent implementation of the Parameterized Expectations Algorithm** in *Advances in Business and Management. Volume 3*, Chapter 9, pp. 177-196. Nova Publishers, New York
Joint with Javier J. Pérez (Bank of Spain)
- 2011 **Las Migraciones interiores en Andalucía: Evolución reciente y determinantes** in *Las decisiones económicas a largo plazo en la economía andaluza: emigración, ahorro e inversión. El campo de las Artes y las Ciencias en Andalucía. Vol. 2*, pp. 41-76. Catedra BBVA-DT Sur de Análisis Económico.
Joint with Manuela Prieto (U. Pablo de Olavide)
- 2010 **Is there a signalling role for public wages? Evidence for the euro area based on macro data.** Column at *VOXEU.org*.
Joint with Javier J. Pérez (Bank of Spain)
Link: www.voxeu.org/index.php?q=node/4786
- 2009 **Mercado de trabajo andaluz en 2008: situación cíclica y perspectivas** in *Evolución reciente de la estructura económica y financiera en Andalucía. El campo de las Artes y las Ciencias en Andalucía. Vol. 1*, pág. 55-104. Catedra BBVA-DT Sur de Análisis Económico.
Joint with Alfonso R. Sánchez (U. Pablo de Olavide) and Virginia Sánchez (U. Cantabria)

◇ *in Media*

- 16/07/2019 Interview on radio program "Despierta Aragón" (Aragón Radio). Description: To spread the results of the report "¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia".
- 27/11/2011 Interview on radio program "Partiendo de cero" (Onda Cero). Description: To spread the results of the article "Is there a signalling role for public wages? Evidence for the euro area based on macro data".
- 19/11/2011 Interview on radio program "España vende" (Radio Nacional de España). Description: To spread the results of the article "Is there a signalling role for public wages? Evidence for the euro area based on macro data".
- 03/11/2011 Interview on SINC press agency (FECYT). Description: To spread the results of the article "Is there a signalling role for public wages? Evidence for the euro area based on macro data".

PRESENTATION IN INTERNATIONAL CONFERENCES, WORKSHOPS AND SEMINARS

◇ *workshops and seminars*

- 07/2019 **Presentation of report, Mesa redonda OMEI, Madrid (Spain), 16 July 2019**
Presentation: *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*
- 05/2019 **Conference JRC-EC “Big Data and Economic Forecasting”, Ispra (Italia), 16-17 May 2019**
Presentation: **Nowcasting private consumption: traditional indicators, uncertainty measures, and the role of internet search query data**
- 04/2019 **Workshop SERIES-BDE “Taxes and transfers”, Madrid (Spain), 26 April 2019**
Ponencia: **How harmful is indirect taxation to private consumption?, An analysis based on Big Data of the Spanish VAT 2012 Reform.**
- 03/2019 **Presentation of report, Centro de Estudios Andaluces, Sevilla (Spain), 20 March 2019**
Presentation: *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*
- 03/2019 **Presentation of report, U Comillas, Madrid (Spain), 18 March 2019**
Presentation: *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*
- 03/2019 **63th session of the Commission on the Status of Women (United Nations), New York (United States), 11 March 2019**
Presentation: *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*
- 02/2019 **Presentation of report, Instituto Complutense de Estudios Internacionales (ICEI-UCM), Madrid (Spain), 13 February 2019**
Presentation: *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*
- 01/2019 **Workshop on Public Policy Evaluation, Oviedo (Spain), 24-25 January 2019**
Presentation: *Is Public Sector Performance just a matter of money? The case of the Spanish regional governments*
Presentation: *How harmful is indirect taxation to private consumption?, An analysis based on Big Data of the Spanish VAT 2012 Reform*
- 09/2018 **Workshop RIFDE-UAH: “Spanish Public Sector: outstanding reforms”. Alcalá de Henares (Spain), 12 September, 2019**
Presentation: *Evaluación de políticas públicas: una tarea urgente e imprescindible*
- 03/2018 **Research seminar-SICEI, Instituto Complutense de Estudios Internacionales (ICEI-UCM), Madrid (Spain), 1 March 2018**
Presentation: *Is Public Sector Performance just a matter of money? The case of the Spanish regional governments*
- 11/2014 **Discussion panel: “knowing how economy works to redirect it: a full history of discovery”. Science Week, Francisco de Vitoria University, Madrid (Spain), 4 November 2014**
Presentation: *Los economistas, ¿los “hechiceros” de las sociedades modernas?*
- 04/2014 **Workshop “Impacto Macroeconómico de la Explotación Minera a Gran Escala”, Montevideo (Uruguay), 22 April 2014**
Comments on the project: *Las alternativas de Política fiscal ante el crecimiento del sector minero en Uruguay. Una evaluación en base a un Modelo de Equilibrio General Dinámico*
Discussion panel: *Desafíos de la Política fiscal y la explotación de los recursos naturales no renovables*

- 01/2014 **Workshop on Fiscal policy challenges for Southern Europe: public debt sustainability, and the role of institutions, Girona (Spain), 30-31 January 2014**
Presentation: *Monitoring Budgetary Plans: On The Need To Move Beyond Legal And Administrative Procedures*
- 03/2012 **14th Banca d'Italia Public Finance Workshop, Banca d'Italia. Perugia (Italia), 29-31 March 2012**
Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 07/2011 **Seminar, Fiscal Policies Division, European Central Bank. Frankfurt am Main (Germany), 7 July 2011.**
Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 11/2010 **Seminar, Department of Applied Economics VI, U. Complutense de Madrid. Madrid (Spain), 3 November 2010.**
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 10/2010 **Seminar, Fiscal Policies Division, European Central Bank. Frankfurt am Main (Germany), 15 October 2010.**
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 03/2010 **Internal workshop, Department of Economics, U. Pablo de Olavide. Sevilla (Spain), 9 March 2010.**
- 03/2010 **Internal workshop, Department of Economics, U. Pablo de Olavide. Sevilla (Spain), 9 March 2010.**
Presentation: *Crowding-in or crowding-out? Employment in the public and the private sector in the OECD*
- 09/2009 **Workshop on "Labour markets frictions, human capital and new technologies: their effects on economic growth. Punta Umbria (Spain), 25-26 September 2009.**
Presentation: *Crowding-in or crowding-out? Employment in the public and the private sector in the OECD*
- 01/2009 **Internal workshop, Department of Economics, U. Pablo de Olavide. Sevilla (Spain), 20 January 2009.**
Presentation: *Is there a signalling role for public wages? Evidence from Euro Area countries*
- 02/2008 **Seminar, U. Navarra, Pamplona (Spain), 20 February 2008.**
Presentation: *On the optimal level of public inputs*
- 03/2006 **Seminar, U. Pablo de Olavide, Sevilla (Spain), 23 March 2006.**
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario*

◇ *international conferences*

- 12/2017 **Joint conference CFE-CMStatistics 2017 (10th International Conference of the ERCIM WG on Computational and Methodological Statistics and 11th International Conference on Computational and Financial Econometrics). London (United Kingdom), 16-18 December 2017**
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 06/2016 **36th Annual International Symposium on Forecasting. Santander (Spain), 19-22 June 2016**
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 08/2015 **71th Congress of the International Institute of Public Finance. Dublin (Ireland), 20-23 August 2015.**
Presentation: *Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries*

- 06/2011 **77th International Atlantic Economic Conference. Madrid (Spain), 02-05 April 2014.**
Presentation: *A toolkit to strengthen government budget surveillance*
- 06/2011 **XXV Congreso Internacional de Economía Aplicada. Santander (Spain), 08-11 June 2011.**
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 05/2007 **XIIth Spring Meeting of Young Economists. Hamburg (Germany), 25-27 May 2007.**
Presentation: *A new approach to solve non-regular constrained optimization problems. An application to optimal provision of public inputs*
- 05/2006 **XIth Spring Meeting of Young Economists. Seville (Spain), 26-28 May 2006.**
Presentation: *Alternatives to initialise the Parameterised Expectations Algorithm*
- 10/2005 **3rd International Association for Statistical Computing (IASC) world conference on Computational Statistics and Data Analysis. Limassol (Cyprus), 28-31 October 2005.**
Presentation: *A new numerical method to solve general equilibrium models. An application to optimal provision of public inputs*
- 08/2004 **60th Congress of the International Institute of Public Finance. Milano (Italy), 23-26 August 2004.**
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario: a numerical simulation*

◇ *National conferences*

- 01/2019 **XXVI Encuentro de Economía Pública. Oviedo (Spain), 24-25 January 2019**
Presentation: *¿Existe penalización por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia.*
- 06/2018 **XXII Encuentro de Economía Aplicada. Alcalá de Henares (Spain), 07-08 June, 2018**
Presentation: *Determinants of intergenerational family solidarity during the Great Recession: the Spanish case*
Presentation: *Is Public Sector Performance just a matter of money? The case of the Spanish regional governments*
- 01/2018 **XXV Encuentro de Economía Pública. Valencia (Spain), 25-26 January 2018**
Presentation: *Determinants of intergenerational family solidarity during the Great Recession: the Spanish case*
- 06/2017 **XVIII Conference on International Economics. La Rábida, Huelva (Spain), 15-16 June, 2017**
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 06/2017 **XX Encuentro de Economía Aplicada. Valencia (Spain), 08-09 June, 2017**
Presentation: *Nowcasting Private Consumption: Traditional Indicators, Uncertainty Measures, and the Role of Internet Search Query Data*
- 01/2017 **XXIV Encuentro de Economía Pública. Toledo (Spain), 26-27 January 2017**
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 02/2016 **XXIII Encuentro de Economía Pública. Ourense (Spain), 4-5 February 2016**
Presentation: *Mastering the fiscal crisis: expenditure reform in advanced economies*
- 06/2015 **XVI Conference on International Economics. San Sebastián (Spain), 25-26 June 2015**
Presentation: *Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries*
- 06/2015 **VII Jornadas de Docencia en Economía. Palma de Mallorca (Spain), 11-12 June 2015**
Presentation: *Simulando el efecto de los impuestos en el aula*

- 02/2015 **XXII Encuentro de Economía Pública. Santander (Spain), 5-6 February 2015**
Presentation: *Decomposition and determinants of public expenditure policies: the case of the euro area in the EMU period*
- 06/2014 **XVII Encuentro de Economía Aplicada. Las Palmas de Gran Canaria (Spain), 05-06 June, 2014.**
Presentation: *Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries*
- 02/2013 **XX Encuentro de Economía Pública. Sevilla (Spain), 31/01-01/02, 2013.**
Presentation: *Institutional determinants of public-private sector wages' linkages*
- 12/2012 **XXXVII Simposio de Análisis Económico. Vigo (Spain), 13-15 December 2012.**
Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 06/2012 **XV Encuentro de Economía Aplicada. A Coruña (Spain), 7-8 June 2012.**
Presentation: *Q-ESFIPDB: A quarterly dataset of Spanish public finance variables fit for economic analysis*
- 01/2012 **XIX Encuentro de Economía Pública. Santiago de Compostela (Spain), 26-27 January 2012.**
Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 06/2011 **XIV Encuentro de Economía Aplicada. Huelva (Spain), 02-03 June 2011.**
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 02/2011 **XVIII Encuentro de Economía Pública. Málaga (Spain), 3-4 Febrero 2011.**
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 02/2010 **XVII Encuentro de Economía Pública. Murcia (Spain), 4-5 February 2010.**
Presentation: *Crowding-in or crowding-out? Employment in the public and the private sector in the OECD*
- 12/2007 **XXXII Simposio de Análisis Económico. Granada (Spain), 13-15 December 2007.**
Presentation: *On the optimal level of public inputs*
- 02/2006 **XIII Encuentro de Economía Pública. Almería (Spain), 2-3 February 2006.**
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario*
- 09/2005 **XI Encontro de Novos Investigadores de Análise Economica, A Coruña (Spain), 30 September–1 October 2005.**
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario*
- 02/2005 **XII Encuentro de Economía Pública. Palma de Mallorca (Spain), 3-4 February 2005.**
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario: a numerical simulation*

RESEARCH PROJECTS

- 2019 **Un análisis cuantitativo del papel de la imposición de las rentas del trabajo en el Impuesto sobre la Renta de Personas Físicas (IRPF) en España**
Financed by Fundación Impuestos y Competitividad (Madrid, España)
- 2017 **¿Existe "penalización" por maternidad? Mujeres y mercado laboral en España desde una perspectiva de familia**
Contract: 101/2017/111/002
Financed by the Ministry of Health (Spain)
- 2017 **Update of the calibration of the CORTAX model**
Contract: CT-EX2017D308720-101
Financed by the Joint Research Centre (European Commission)

- 2017 **Asesoramiento y soporte científico-técnico a la Consejería de Economía, Empleo y Hacienda en relación con la reforma del modelo de financiación autonómica**
Financed by the Comunidad de Madrid
- 2014–2019 **Debt crises, fiscal consolidations and globalisation**
Code: *SEJ 1512*.
Financed by Andalusian Government.
- 2013–2016 **Public Economics and Economic Analysis**
Code: *ECO2012-37572*.
Financed by the Ministry of Economy and Competitiveness (Spain).
- 2013 **Effective Green Taxation in the EU**
Financed by the European Commission.
- 2012–2013 **Constrained short-term fiscal forecasting based on mixed-frequency models. The case of the Spanish economy**
Financed by the Institute of Fiscal Studies.
Research head
- 2011–2012 **Short-term fiscal forecasting based on mixed-frequency models. The case of the Spanish economy**
Financed by the Institute of Fiscal Studies.
Research head
- 2007–2011 **V PLAN ANDALUZ DE INVESTIGACIÓN**
Institution: U. Pablo de Olavide.
Code: *SEJ 479*.
Financed by Andalusian Government.
- 2006–2009 **Fiscal and socio labour Policies: its labour market and growth consequences**
Code: *SEJ2006-04803/ECON*.
Financed by the Ministry of Science and Technology (Spain).
- 2004–2005 **Optimal provision of public inputs in a second best scenario**
Financed by the Institute of Fiscal Studies.
- 2003–2005 **Understanding the Dynamics in Firms' Strategies: An Analysis of Supply Functions in the Spanish Electricity Market**
Financed by the Fundación Ramón Areces.
- 2003–2005 **Public policies within the framework of the European Union: Effects on the labour market and the economic growth**
Code: *SEC2003-04028*.
Financed by the Ministry of Science and Technology of Spain (Spain).
- 2003–2005 **IV PLAN ANDALUZ DE INVESTIGACIÓN**
Institution: Foundation centra:
Code: *SEJ 433*.
Financed by Andalusian Government.

TEACHING INNOVATION

◇ *Publications*

- 2017 **What do undergraduate students expect and/or know ex-ante from Public Economics?: Relevance to learning**, E-PÚBLICA: REVISTA ELECTRÓNICA SOBRE LA ENSEÑANZA DE LA ECONOMÍA PÚBLICA, 17, 1-10. Joint with Jorge Onrubia-Fernández (ICEI-UCM & FEDEA & GEN)

- 2015 **Simulating the economic effect of taxes in the classroom**, E-PÚBLICA: REVISTA ELECTRÓNICA SOBRE LA ENSEÑANZA DE LA ECONOMÍA PÚBLICA, 17, 1-10. Joint with Miriam Hortas-Rico (U. Autónoma de Madrid & GEN)

◇ *Presentations*

- 05/2019 **XI Jornadas de Docencia en Economía. Zaragoza (Spain), 30-31 May 2019**
Presentation: *Una propuesta docente integradora para la enseñanza de la Economía Pública en el Doble grado de Economía y Matemáticas*
- 01/2019 **XXVI Encuentros de Economía Pública. Oviedo (Spain), 24-25 January 2019**
Presentation: *¿Qué esperan y/o conocen ex ante los alumnos de Grado sobre la Economía Pública?: relevancia para el aprendizaje*
- 01/2017 **XXIV Encuentros de Economía Pública. Toledo (Spain), 26-27 January 2017**
Presentation: *Una aplicación práctica del uso de medios audiovisuales en la Enseñanza de la economía Pública*
- 06/2016 **VIII Jornadas de Docencia en Economía. Madrid (Spain), 2-3 June 2016**
Presentation: *¿Qué esperan y/o conocen ex ante los alumnos de Grado sobre la Economía Pública?: relevancia para el aprendizaje*
- 06/2015 **VII Jornadas de Docencia en Economía. Palma de Mallorca (Spain), 11-12 June 2015**
Presentation: *Simulando el efecto de los impuestos en el aula*

◇ *Projects*

- 2018–2019 **La Economía del Comportamiento en la asignatura de Teoría de Juegos: Experimentos en las aulas**
"Innova Docencia" projects, 228.
Financed by U. Complutense de Madrid.
- 2017–2018 **Métodos audiovisuales para la motivación y el aprendizaje de economía y administración Pública III**
"Innova Docencia" projects, 218.
Financed by U. Complutense de Madrid.
- 2016–2017 **Métodos audiovisuales para la motivación y el aprendizaje de economía y administración Pública II**
"Innova Docencia" projects, 204.
Financed by U. Complutense de Madrid.
- 2013–2014 **Métodos audiovisuales para la motivación y el aprendizaje de economía y administración Pública**
Innovation and improvement in the quality of teaching projects, 77.
Financed by U. Complutense de Madrid.

TEACHING EXPERIENCE

◇ *in Postgraduate programmes*

▶ **PhD Thesis supervision**

- *PhD Dissertation: Tres ensayos sobre desigualdad, pobreza y movilidad social en Europa durante la Gran Recesión*, Economics PhD program, Faculty of Economics & Business, U. Complutense de Madrid. Author: Celia Gil-Bermejo Lazo.
Jointly supervised with Jorge Onrubia Fernández (Instituto Complutense de Estudios Internacionales, UCM, & FEDEA & GEN-UVigo)
Expected date of defence: october, 2024.

- *PhD Dissertation: Regulación y estrategias para la transformación digital. Eficiencia en la expansión de redes y en la provisión de bienes y servicios digitales*, Economics PhD program, Faculty of Economics & Business, U. Complutense de Madrid. Author: José Marino García García.

Jointly supervised with Aurelia Valiño Castro (U. Complutense de Madrid)

Date of defence: 6 November 2017.

► Master Thesis supervision

- 2018/19: *El acuerdo comercial DR-CAFTA y su impacto en el PIB per cápita real dominicano*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Marilaura Cid Reyes. Jointly supervised with Joaquín Artés (Instituto Complutense de Estudios Internacionales, UCM)
- 2017/18: *Consumo privado, imposición indirecta y Big Data: una aplicación a la reforma del IVA de 2012 en España*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Ana María Botello Mainieri. Jointly supervised with Joaquín Artés (U. Complutense de Madrid)
- 2017/18: *Movilidad social, ciclo económico y desigualdad: Análisis causal para Ecuador con datos macro*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Andrea Jarrín Suárez. Jointly supervised with Jorge Onrubia (Instituto de Estudios Internacionales, UCM, FEDEA & GEN-Uvigo)
- 2017/18: *Las relaciones entre IED, contaminación ambiental, Crecimiento Económico y Consumo de energía en China*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Lin Chen.
- 2017/18: *Análisis causal del impacto de la incertidumbre política global en el precio del petróleo y la rentabilidad bursátil en China*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Sirui Yao.
- 2017/18: *Los factores determinantes de la esperanza de vida de China*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Yiling Zhong. Jointly supervised with Marta Ortega Ortega (U. Complutense de Madrid)
- 2016/17: *Análisis de Política de los Incentivos Fiscales en el Sector Industrial de la República Dominicana: El caso de las Zonas Francas*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Karla Batista Martínez. Jointly supervised with Jorge Onrubia (Instituto de Estudios Internacionales, UCM, FEDEA & GEN-Uvigo)
- 2016/17: *Movilidad social, desigualdad y crecimiento económico en España*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Patricia Blanco Palmero. Jointly supervised with Jorge Onrubia (Instituto de Estudios Internacionales, UCM, FEDEA & GEN-Uvigo)
- 2016/17: *Progresividad, redistribución de la renta y bienestar social del IRPF de la República Dominicana: Un análisis empírico para el periodo 2010-2016*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Victor Alfonso Nolasco Santana. Jointly supervised with Jorge Onrubia (Instituto de Estudios Internacionales, UCM, FEDEA & GEN-Uvigo)
- 2016/17: *Sobre la evaluación según las competencias básicas, ¿existe consenso en la comunidad educativa?*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Sara Pérez Gómez.
- 2016/17: *¿Son las clases demasiado largas?, efectos en el proceso de aprendizaje del uso de descansos en mitad de las clases*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Mónica Palomares Alonso.
- 2015/16: *Evaluación de la eficiencia en el sector educativo: el caso de las Comunidades Autónomas españolas en un contexto de crisis*, *Master Thesis*, Máster Universitario en Economía, U. Complutense de Madrid. Author: Miriam Santana Ramírez. Jointly supervised with Jorge Onrubia (Instituto de Estudios Internacionales, UCM, FEDEA & GEN-Uvigo)
- 2015/16: *Enfatizando el adjetivo Social de la Economía*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Mamen Carbajo Bejarano.

- 2015/16: *Evaluación del emprendimiento social como estrategia educativa: más allá de la mera creación de empresas*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Mónica Delgado González
- 2013/14: *¿Existe el profesor ideal?*, *En busca del consenso de la comunidad educativa*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Almudena Muñoz Alfaro
- 2012/13: *El papel del método del caso en la motivación de los alumnos de secundaria: aplicación al estudio de la economía*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Marta Luquin Iturmendi
- 2012/13: *La Formación Profesional en España: una visión alternativa a las posibles líneas de reforma*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Luis Fernández Jiménez
- 2011/12: *Educación emocional a través del cine*, *Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Carmen Comesaña Mota
- 2009/10: *Un análisis comparado sobre la idoneidad del uso del IPI como proxy de la actividad económica y la existencia de un ciclo común para el caso de las regiones españolas*. *Master Thesis*, II Master in Economics, U. Pablo de Olavide. Author: Francisco Javier Sánchez Godino. Jointly supervised with Javier J. Pérez (Bank of Spain)

► **Specialisation courses**

Quantitative techniques for impact evaluation. Organised by the Centro de Estudios Andaluces. (2018/19).

Public economics: Economic indicators and comparative public policies analysis. Máster Universitario en Estadísticas Oficiales e Indicadores Sociales y Económicos (2017/18).

Public Sector Monitoring Tools. Organised by the Uruguayan Fiscal Studies Institute and the Spanish Agency for International Development Cooperation (AECID). (2013/14).

Corporate taxation. Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas. (2011/12 and 2012/13).

Econometric Tools for the Analysis of Business cycles. IV Master in Economics and Welfare Evaluation. (2010/11).

Introduction to Eviews. I Master in Economics and Welfare Evaluation (2007/08).

◇ *in undergraduate programmes*

► **Final Degree Project supervision**

2016/17: *Análisis del emprendimiento y la neutralidad en el territorio español*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: Alberto Antón Navas.

2016/17: *Impuesto sobre el Valor Añadido en el sector turístico español*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: María Jennifer Moreno García-Pascual.

2016/17: *Modificaciones en los hogares españoles ante posibles variaciones en el tipo impositivo*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: Laura Hontana Acedo.

2016/17: *El IRPF desde el punto de vista de la familia*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: Tomás Alcobendas Serrano.

2016/17: *Estudio sobre el tratamiento fiscal de las personas con discapacidad en España*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: Ana Gelabert Yáñez.

2016/17: *Análisis del mínimo personal y familiar, propuestas de reforma para conseguir equidad en el IRPF*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: Pedro Mayoral Romero.

2016/17: *Análisis y repercusiones de la subida del IVA*, Degree in Business Administration and Management (U. Complutense de Madrid). Author: Sergio Poza Barrero.

2012/13: *Planificación Fiscal y sus efectos sobre la localización empresarial en España. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Borja Arjonilla Suárez.

2012/13: *Evolución reciente de la inversión en infraestructuras ferroviarias en España. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Gloria María Cerdá Cánovas.

2012/13: *Análisis de eficiencia de los centros de salud de la comunidad de cataluña. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Rocío Durán Godino.

2012/13: *El sistema dual en el régimen de imposición directa de las personas físicas En España. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Javier Fradejas López.

2012/13: *Los paraísos fiscales, ¿un concepto vivo?. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Andrea Romina Gines Saif.

2012/13: *Factores que influyen en el rendimiento escolar. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Lara Ortega Camacho.

2012/13: *Efectos macroeconómicos de las reformas fiscales sobre la imposición indirecta: Un análisis aplicado a la reforma española de 2012. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Adrián Rivera Quijano.

2012/13: *Incidencia en la distribución de la renta e índices de desigualdad tras la reforma de supresión de la deducción de inversión en vivienda habitual para 2013. Final Degree Project*, Degree in Economics (U. Complutense de Madrid). Author: Marta Vega Valera.

2009/10: *Efectos de la implantación del protocolo de kyoto sobre el mix tecnológico del Mercado Eléctrico Español. Final Degree Project*, Environmental Science Degree (U. Pablo de Olavide). Author: Laura Castaño García

► **Public finance, intermediate courses**

Economía de la regulación. Degree in Economics, 4th Year (2012/13, 2014/15, 2015/16 and 2017/18)

Economía de la imposición. Degree in Economics, 5th Year (2012/13)

Análisis microeconómico de las decisiones Públicas. Degree in Economics, 5th Year (2010/11)

Economía de la Seguridad Social. Degree in Economics, 5th Year (2010/11)

► **Public finance, introductory courses**

Fiscalidad. Double Degree in Economics & Mathematics, 3th Year (2016/17 and 2017/18)

Economía Pública. Degree in Economics, 3th Year (2015/16)

Sistema Fiscal Español. Degree in Economics and in Business Administration. 2nd and 3th Year (2011/12, 2013/14, 2014/15, 2015/16, 2016/17, 2018/19 and 2019/20)

Economía Política y Hacienda Pública. Law and Business Administration (LD+LADE), 1st Year (2006/07, 2007/08 and 2008/09)

► **Macroeconomics, intermediate courses**

Macroeconomía. Degree in Political Science and Public Administration, 3rd Year (2009/10)

► **Macroeconomics, introductory courses**

Economía Política. Business Administration (DCE), 1st Year (2008/09)

► **Microeconomics, intermediate courses**

Microeconomía. Degree in Finance and Accounting, 1st Year (2009/10)

▶ **Microeconomics, introductory courses**

Economía: Introducción. Business Administration (LADE), 1st Year
(2006/07, 2007/08 and 2008/09)

OTHER PROFESSIONAL ACTIVITIES

- ▶ Recognition -at a national level- for six years of international-quality research (2006-2011).
- ▶ Referee for *International Tax and Public Finance*, *Revista CEPAL*, *Emerging Markets Finance and Trade*, *Theory and Decision*, *Oxford University Press*, *Eastern European Economics*, *Hacienda Pública Española*, *Revista de Economía Aplicada*, *Revista de Estudios Regionales*, *e-publica* and the *FUNCAS Working Paper Series*.
- ▶ **2017-2019**: Academic Secretary of the Scientific Committee of the Public Economics Meeting.
- ▶ **2008-2009**: Conference Board member of the Spring Meeting of Young Economists (*XIIIth* and *XIVth* editions).
- ▶ **05/2007**: Program Committee Co-chair of the *XIIth* Spring Meeting of Young Economists. Hamburg (Germany), 25-27 May 2007.
- ▶ **05/2006**: Local Organizing Committee member of the *XIth* Spring Meeting of Young Economists. Seville (Spain), 26-28 May 2006.
- ▶ **09/2000–03/2001**: Certificate of Pedagogical Aptitude (C.A.P.)
- ▶ **1999/00–2000/01**: Collaborator in the Department of differential equations and numerical analysis

COMPUTING KNOWLEDGE

Software:

Mathematical software	MatLab, Maple and Mathematica.
LaTeX	WinEdt, MikTeX, Scientific WorkPlace, Beamer and LatexPix.
Statistical software	Eviews, Gauss, Stata, WinRats and Stat Transfer.
Microsoft Office	Expert level.

Programming languages:

Fortran 77	From 1997.
Matlab	From 2000.
Visual Basic(.Net)	From 2001 (2004).
Gauss	From 2002.
Stata	From 2002.

Operating systems: WINDOWS, OS X, LINUX and UNIX.

LANGUAGE KNOWLEDGE

Spanish	mother tongue
English	high level at written and spoken (Certificate in Advanced English, University of Cambridge, June 2015)

COMPLEMENTARY EDUCATION

◇ *long duration courses*

05/2001–10/2001 **Computer Analyst Course**

450 h. Contents: BBDD, SQL, structured analysis and OO (UML), etc.

◇ *Intensive courses*

- 10/2005 **Course Time series for the business cycle empirical analysis**
20 h. Organised by Fundación Centro de Estudios Andaluces.
- 10/2004–11/2004 **Programming course in Visual Basic.Net**
50 h. Organised by the Centro de Estudios ADAMS inside the program FORINTEL financed by the European Social Funds.
- 04/2004 **Course Input-Output Analysis with Python (PyIO)**
5 h. Organised by Fundación Centro de Estudios Andaluces.
- 06/2003 **Course Time Series Analysis with Matlab**
10 h. Organised by Fundación Centro de Estudios Andaluces.
- 04/2003 **Course Creation of scientific documents: LaTeX's**
12 h. Organised by Fundación Centro de Estudios Andaluces.
- 02/2003 **Course Modeling in GAMS: An introduction to the general applied equilibrium models**
7 h. Organised by Fundación Centro de Estudios Andaluces.
- 11/2002 **Course The Multicriteria decision techniques and its application to the management of the natural resources**
9 h. Organised by Fundación Centro de Estudios Andaluces.
- 11/2002 **Course Advances in Labour Economy**
20 h. Organised by Universidad Internacional Menéndez Pelayo.
- 10/2002 **Course Bayesian Econometrics**
20 h. Organised by Universidad Internacional Menéndez Pelayo.
- 09/2002 **Course Time series techniques for the economic cycle analysis**
20 h. Organised by CEMFI.
- 09/2002 **Course Panel Data Econometrics**
20 h. Organised by CEMFI.
- 06/2002 **Course Eviews 4.1 and Introduction to the time series**
8 h. Organised by Fundación Centro de Estudios Andaluces.
- 06/2002 **Course Introduction to the interactive use of Stata 7.0**
12 h. Organised by Fundación Centro de Estudios Andaluces.
- 04/2002 **Course Quantitative methods for the economic situation analysis**
20 h. Organised by Universidad Internacional Menéndez Pelayo.
- 02/2002 **Course Economic analysis with MATLAB**
20 h. Organised by Fundación Centro de Estudios Andaluces.
- 06/2001 **Programming introduction course to VISUAL BASIC**
30 h. Organised by U. Sevilla.
- 03/2001 **Course The education at the beginning of the 21th century**
50 h. Organised by U. Sevilla.
- 04/2000 **Programming introduction course to MATLAB**
30 h. Organised by U. Sevilla.