

Curriculum Vitae

Omar Licandro

April 2020

Professional Address

School of Economics, Clive Granger Building, University Campus, University of Nottingham, UK

Phone Number: +44 115 84 68385

e-mail: omar.licandro@nottingham.ac.uk

Education

Ph.D. in Economics, *Université Catholique de Louvain*, Belgium, July 1991

M.A. in Economics, *Université Catholique de Louvain*, Belgium, September 1987

B.Sc. in Economics, *Universidad de la República*, Uruguay, May 1984

Main Professional Experience

2015–... : Professor, *University of Nottingham*, UK

2014–... : Executive Secretary, *Research Institute for Development, Growth and Economics* (RIDGE)

2013–... : Secretary General, *International Economic Association* (IEA)

2009–... : Research Professor, *Instituto de Análisis Económico* (IAE-CSIC), Barcelona, Spain (on leave)

2009–... : Associate Professor, *Barcelona Graduate School of Economics*, Spain (on leave)

2010–2012: Research Director, *Barcelona GSE*, Spain

2001–2009: Professor, *European University Institute*, Florence, Italy

1994–2001: Senior Researcher, FEDEA, Madrid, Spain

1991–2001: Assistant/Associate Professor, *Universidad Carlos III de Madrid*, Spain

1987–1990: Research Assistant, *Université Catholique de Louvain*, Belgium

Main Teaching Experience

2018–2020: Advanced Macroeconomics, PhD in Economics, *University of Nottingham*, UK

2019–2020: Economic Policy Analysis I, *University of Nottingham*, UK

2017–2018: Advanced Monetary Economics, *University of Nottingham*, UK

2016–2018: Macroeconomics, PhD in Economics, *University of Nottingham*, UK

2015–2018: Macroeconomic Theory, MSc in Economics, *University of Nottingham*, UK

2009–2015: Economic Growth, PhD Program, *IDEA*, Barcelona
 2013–2015: Advanced Macro, Master in Macro Policy and Financial Markets, *Barcelona GSE*
 2014: Macroeconomics I, Master in Economics and Finance, *CEMFI*, Madrid
 2013: Macroeconomics II, Master in Economics and Finance, *CEMFI*, Madrid
 2011: Technical Change and Growth, Master in Economics of Science and Innovation, *Barcelona GSE*
 2010 and 2013: Economic Growth and Development, Master in Economics, *Barcelona GSE*
 2001-2009: Macroeconomics, PhD Program, *European University Institute (EUI)*, Italy
 2006-2009: Growth Theory, PhD Program, *EUI*, Italy
 2001-2005: Technological Progress and Economic Growth, PhD Program, *EUI*, Italy
 1992–2001: Macroeconomics, PhD Program, *Universidad Carlos III de Madrid*, Spain
 1995: Macroeconomics, PhD Program, *Universidad Autónoma de Barcelona*, Spain
 1994: Macroeconomics, PhD Program, *Universidade Nova de Lisboa*, Portugal
 1993–1994: Labor Economics, Master on Education and Labor Economics, *U. Carlos III*, Spain
 1991–1998: Undergraduate courses on Microeconomics, Macroeconomics I, II, III and IV and Labor Economics, *Universidad Carlos III de Madrid*, Spain

Published Articles

1. “Trade, Firm Selection and Innovation: The Competition Chanel,” *Economic Journal*, **128**, 189-229, 2018. Coauthor: G. Impullitti.
2. “The Longevity of Famous People from Hammurabi to Einstein,” *Journal of Economic Growth*, **20**, 263-303, 2015. Co-author: D. de la Croix.
3. “Endogenous Growth and Wave-Like Business Fluctuation,” *Journal of Economic Theory*, **154**, 68-111, 2014. Coauthors: M. Bambi and F. Gozzi.
4. “The Child is Father of the Man: Implications for the Demographic Transition,” *Economic Journal*, **123**(567), 236-261, 2013. Coauthor: D. de la Croix.
5. “Trade Liberalization, Competition and Growth,” *The B.E. Journal of Macroeconomics*, **11**(1), 2011. Coauthor: A. Navas-Ruiz.
6. “The Short-Run Dynamics of Optimal Growth Models with Delays.” *Annales d’Economie et de Statistique*, **90**, 127-143, 2008. Coauthors: F. Collard and L. Puch.
7. “A Vintage Model of Trade in Secondhand Markets and the Lifetime of Durable Goods,” *Mathematical Population Studies*, **15**(4), 1547-724, 2008. Coauthors: L.A. Puch and A.R. Sampayo.
8. “An Evolutionary Theory of Inflation Inertia.” *The Journal of the European Economic Association*, **5**, 433-443, 2007. Coauthors: A. Anagnostopoulos, I. Bove and K. Schlag.
9. “On the Use of Substitutability as a Measure of Competition.” *The B.E. Journal of Macroeconomics*, **6**(1), 2006. Coauthor: W. Koeninger.
10. “The Effects of Replacement Schemes on Car Sales: The Spanish Case.” *Investigaciones Económicas*, **30**(2), 239-282, 2006. Coauthor: A. R. Sampayo.
11. “The Under-Estimated Virtues of the Two-sector AK Model.” *The B.E. Journal of Macroeconomics*, **5**(1), 2005. Coauthor: G. J. Felbermayr.

12. "From Uncertainty to Macroeconomics and Back: An Interview with Jacques Drèze." *Macroeconomic Dynamics*, **9**(3), 2005. Joint with Pierre Dehez.
13. "Obsolescence and Modernization in the Growth Process." *Journal of Development Economics*, **77**, 153-171, 2005. Coauthors: R. Boucekkine and F. del Río.
14. "Vintage Capital and the Dynamics of the AK Model." *Journal of Economic Theory*, **120**(1), 39-72, 2005. Coauthors: R. Boucekkine, L. A. Puch and F. del Río.
15. "Modelling Vintage Structures with DDEs: Principles and Applications." *Mathematical Population Studies*, **11**(3/4), 151-179, 2004. Coauthors: R. Boucekkine and D. de la Croix.
16. "Early Mortality Declines at the Dawn of Modern Growth." *Scandinavian Journal of Economics*, **105**(3), 401-418, 2003. Coauthors: R. Boucekkine and D. de la Croix.
17. "Embodied Technological Change, Learning-by-Doing and the Productivity Slowdown." *Scandinavian Journal of Economics*, **105**(1), 87-98, 2003. Coauthors: R. Boucekkine and F. del Río.
18. "The Measurement of Growth under Embodied Technical Change." *Recherches Economiques de Louvain*, **68**(1-2), 7-19, 2002. Coauthors: J. Ruiz-Castillo and J. Duran.
19. "Vintage Human Capital, Demographic Trends and Endogenous Growth." *Journal of Economic Theory*, **104**(2), 340-375, 2002. Coauthors: R. Boucekkine and D. de la Croix.
20. "Optimal Growth under Endogenous Depreciation, Capital Utilization and Maintenance Costs", *Investigaciones Económicas*, **25**(3), 543-559, 2001. Coauthors: L. Puch and J. R. Ruiz-Tamarit.
21. "Irreversibility, Uncertainty and Underemployment Equilibria", *Spanish Economic Review*, **2**(3), 231-248, 2001. Coauthor: D. de la Croix.
22. "Numerical Solution by Iterative Methods of a Class of Vintage Capital Models", *Journal of Economic Dynamics and Control*, **25**(5), 655-699, 2001. Coauthors: R. Boucekkine, M. Germain and A. Magnus.
23. "Capital Utilization, Maintenance Costs and the Business Cycle." *Annales d'Economie et de Statistique*, **58**, 143-164, 2000. Coauthor: L. Puch.
24. "Endogenous vs Exogenously Driven Fluctuations in Vintage Capital Models", *Journal of Economic Theory*, **88**(1), 161-187, 1999. Coauthors: R. Boucekkine and F. del Río.
25. "Life Expectancy and Endogenous Growth." *Economic Letters*, **65**, 255-263, 1999. Coauthor: D. de la Croix.
26. "Firm Heterogeneity, Capacity Utilization and the Business Cycle." *Review of Economic Dynamics*, **2**, 433-455, 1999. Coauthors: J-F. Fagnart and F. Portier.
27. "Creative Destruction, Investment Volatility, and the Average Age of Capital." *Journal of Economic Growth*, **3**(4), 361-384, 1998. Coauthors: R. Boucekkine, M. Germain and A. Magnus.
28. "Differential-Difference Equations in Economics: On the Numerical Solution of Vintage Capital Growth Models." *Journal of Economic Dynamics and Control*, **21**, 347-362, 1997. Coauthors: R. Boucekkine and C. Paul.
29. "Replacement Echoes in the Vintage Capital Growth Model." *Journal of Economic Theory*, **74**(2), 333-348, 1997. Coauthors: R. Boucekkine and M. Germain.
30. "Capacity Utilization Dynamics and Market Power." *Journal of Economic Dynamics and Control*, **22**(1), 123-140, 1997. Coauthors: J-F. Fagnart and H. Sneessens.
31. "Are There Any Special Features in the Spanish Business Cycle?" *Investigaciones Económicas*, **21**(2), 361-394, 1997. Coauthor: L. Puch.

32. "Underemployment, Irreversibilities and Growth under Trade Unionism." *Scandinavian Journal of Economics*, **97**(3), 385-399, 1995. Coauthor: D. de la Croix.
33. "Demand Uncertainty and Unemployment in a Monopoly Union Model." In Dixon and Rankin, ed, *The New Macroeconomics: Imperfect Competition and Policy Effectiveness*. Cambridge University Press, 1995.
34. "A Non-Walrasian General Equilibrium Model with Monopolistic Competition and Wage Bargaining." *Annales d'Economie et de Statistique*, **37/38**, 237-253, 1995.
35. "The q Theory of Investment under Unit Root." *Cahiers Economiques de Bruxelles*, **139**, 329-339, 1993. Coauthor: D. de la Croix.
36. "Investment Dynamics and Capacity Utilization under Monopolistic Competition." *Annales d'Economie et de Statistique*, **27**, 91-113, 1992.
37. "Q Investment Models, Factor Complementarity and Monopolistic Competition." *Recherches Economiques de Louvain*, **58**, 51-73, 1992.
38. "Investment under Demand Uncertainty and Capacity Constraints: An empirical application to Belgium." *Economie et Prevision*, **104**, 85-95, 1992. Coauthor: D. de la Croix.

Published Articles (in Spanish or French)

1. "Crecimiento económico con progreso técnico incorporado," *Revista de Economía ICE*, **72**, 61-84, 2006. Coauthors: L.A. Puch and J. Durán.
2. "Subsidios al desguace de bienes duraderos, heterogeneidad y ecos de reemplazo," *Revista de Economía ICE*, **72**, 155-176, 2006. Coauthor: R. Boucekkine and L.A. Puch.
3. "Crecimiento económico y generaciones de capital," *Revista de Economía ICE*, **72**, 177-194, 2006. Coauthors: A.R. Sampayo.
4. "Picos de inversión y productividad del trabajo en los establecimientos industriales madrileños," *Investigaciones Económicas*, **25**(2), 255-288, 2001. Coauthors: A. Goicolea and R. Maroto.
5. "El equilibrio financiero del sistema español de pensiones." *Investigaciones Económicas*, **23**(1), 129-143, 1999. Coauthor: J. F. Jimeno.
6. "Inversion y progreso técnico en el sector industrial de la Comunidad de Madrid." *Papeles de Economía Española*, Economía de las Comunidades Autónomas, 212-224, 1999.
7. "Los efectos de los planes Renove y Prever sobre el reemplazo de turismos." *Economía Industrial*, **314**, 129-140, 1997. Coauthor: A. R. Sampayo.
8. "Utilización del capital y ciclo económico español." *Moneda y Crédito*, **202**, 241-278, 1996. Coauthors: L. Puch and R. Ruiz-Tamarit.
9. "L'impact des changements de conjoncture sur l'évaluation des actifs financiers." *Annales d'Economie et de Statistique*, **18**, 91-111, 1990.

Research Papers

1. "Switching-track after the Great Recession" CFCM 20/ , University of Nottingham, 2020. Coauthor: F. Vinci.

2. "Technology, Market Structure and the Gains from Trade," CFCM 18/03, University of Nottingham, 2018. Co-author: G. Impullitti and P. Rendahl.
3. "Is the Output Growth Rate in NIPA a Welfare Measure?," CFCM 15/18, University of Nottingham, 2015. Co-author: J. Durán.
4. "Firm Dynamics in the Neoclassical Growth Model," CFCM 15/17, University of Nottingham, 2015.
5. "Firm Dynamics and the Importance of the Embodied Question," Barcelona GSE WP 397, 2009. Coauthor: A. Gabler.
6. "Is Discrete Time a Good Representation of Continuous Time?" WP 2006/28, European University Institute. Coauthor: Luis Puch.
7. "The Impact of Regional Integration on Economic Convergence and Growth." WP 2004/26, European University Institute.
8. "(In)determinacy and Time-to-Build." WP 2004/17, European University Institute. Coauthor: M. Bambi.
9. "Innovation, Machine Replacement and Productivity." DP5422, CEPR, 2007. Coauthor: L. Puch and R. Maroto.
10. "How Brand Names Affect the Price Setting of Carmakers Producing Twin Cars." WP 2004/01, European University Institute. Coauthors: N. Lado and F. Perez.
11. "Car Quality Improvements and Price Indices in Spain." DT 2001-18, FEDEA. Coauthors: M. Izquierdo and A. Maydeu, 2001.

Open Research Projects

1. "Skill Obsolescence." Coauthors: M. Poschke
2. "The Dynamics of Firm Dynamics Models." Coauthors: F. Collard
3. "New and Old Welfare Effects of Trade." Coauthors: G. Impullitti
4. "Firm Dynamics under Large Devaluations." Coauthors: C. Casacuberta
5. "Technical Efficiency and Product Value in Measuring Firm Level Productivity." Coauthors: Ali Saadatnia

Other Publications

1. "Continuous versus Discrete Time Modeling in Growth and Business Cycle," in *Continuous Time Modeling in the Behavioral and Related Sciences*, 2018. Cauthors: L.A. Puch and J. Ruiz.
2. "Vintage Capital Growth Theory: Three Breakthroughs," in *Frontiers in Economics and Globalization*, 2011. Coauthor: R. Boucekkine and D. de la Croix.
3. "Vintage Capital." *The New Palgrave Dictionary of Economics*, 2009. Coauthors: R. Boucekkine and D. de la Croix.
4. "Economic Integration and Political Structure," III Annual LA Conference of ELSNIT, 2005. Coauthor: J. Ventura.
5. "Evaluación de los efectos del Plan Prever a partir de un modelo de simulación de reemplazos del parque español de automóviles." DT 2000-04, FEDEA. Coauthor: A. R. Sampayo, 2000.

6. "The Importance of the Embodied Question Revisited." DT 99-13, FEDEA. Coauthors: R. Boucekkine and F. del Río, 1999.
7. *Las fuentes del progreso técnico: el caso de la industria en la Comunidad de Madrid*. Instituto de Estadística, Comunidad de Madrid. Coauthor: A. Goicolea, 1998.
8. "Employment Segmentation, Labour Mobility and Mismatch: Spain, 1987-1993." DT 98-04, FEDEA. Coauthors: S. Castillo and J.F. Jimeno, 1998.
9. "Replacement Echoes in Durable Goods Purchases." DT 97-15, FEDEA. Coauthor: R. Boucekkine, 1997.
10. "La demanda de automóviles en España: Un análisis de la evolución y variabilidad de las tasas de reemplazo." DT 97-12, FEDEA. Coauthor: A. R. Sampayo, 1997.
11. *Investment and the Stock Market in Quantity Rationing Models*, Ph.D.Thesis, *Université Catholique de Louvain*, 1990.
12. "Uncertainty and Tobin's q in a Monopolistic Competition Framework." WP 9003, Département des Sciences Economiques, *Université Catholique de Louvain*, 1990.
13. "Le modèle de portefeuille dans le cadre d'une économie en déséquilibre: Le cas d'anticipations exogènes de régimes futurs." WP 8902, Département des Sciences Economiques, *Université Catholique de Louvain*, 1989.
14. "Real Disequilibrium and Financial Equilibrium." WP 8915, Département des Sciences Economiques, *Université Catholique de Louvain*, 1989.

Other Professional Experiences

- 2018 – ... : Member of the Expert Group on R&D Economic Modelling, DG for Research and Innovation, European Commission, Brussels
- 2013 – ... : Director of the RIDGE Summer School
- 2013–2014: Vice Director of the *Instituto de Análisis Económico* (CSIC), Spain
- 2012–2017, Member of the Advisory Board of the Graduate Campus, University of Zurich
- 2005–2008: Member of the Council of the *Spanish Economic Association*
- 1994–2001: Organizer of the FEDEA's seminar
- 1995–1997: Chairman of the Standing Committee for Students Affairs, *European Economic Association*
- 1992–1994: Coordinator of the students exchange program ERASMUS, *Universidad Carlos III de Madrid*, Spain
- Past Associate Editor of *Annales d'Economie et de Statistique*, *Investigaciones Económicas* and the *Spanish Economic Review*
- Referee for *American Economic Review*, *Annales d'Economie et de Statistique*, *BE Journals in Economics*, *Economica*, *Economic Inquiry*, *Economic Journal*, *Economic Letters*, *Economic Modelling*, *Economic Theory*, *European Economic Review*, *International Economic Review*, *Investigaciones Económicas*, *Journal of Development Economics*, *Journal of Economic Dynamics and Control*, *Journal of Economic Growth*, *Journal of Economics*, *Journal of Economic Theory*, *Journal of Empirical Finances*, *Journal of the European Economic Association*, *Journal of International Economics*, *Journal of Macroeconomics*, *Journal of Mathematical Economics*, *Journal of Political*

Economy, Journal of Population Economics, Journal of Public Economics, Journal of Public Economic Theory, Macroeconomic Dynamics, Oxford Economic Papers, Recherches Economiques de Louvain, Review of Economic Dynamics, Review of Economic Studies, Revista de Economía Aplicada, Scandinavian Journal of Economics, Scottish Journal, Southern Economic Journal, Spanish Economic Review, among others

- Research Fellow
 - LACEA 25th Anniversary Associate
 - Asociación Española de Economía
 - CEPR
 - CESifo
 - REDg (Research on Economic Dynamics group), Spain
 - IRES, *Université Catholique de Louvain*, Belgium
 - FEDEA
- Administrative duties at the *University of Nottingham*, UK
 - Co-director CFCM, 2018 – ...
 - Co-director PhD Program, 2018 – ...
 - Placement Officer, 2016–2018
- Administrative duties at the *European University Institute*, Italy
 - Director of Graduate Studies, 2001 – 2003 and 2007 – 2008
 - Admissions Officer, 2003 – 2005
 - Local coordinator of the European Doctoral Programme in Quantitative Economics, EDP, 2004 – 2006
 - Organizer of the Macro Workshop, 2001-2008, the Money Group, 2003-2004, the Informal Working Group in Macroeconomics, 2002-2006, the Reading Group on Trade and Firm Dynamics, 2007-2009
- Conference Organizer/Co-organizer
 - 2020 RIDGE May and December Forum, Lima (Peru) and Montevideo (Uruguay), December 8-18, 2020
 - 2019 RIDGE December Forum, Montevideo (Uruguay), December 9-19, 2109
 - 2019 RIDGE May Forum, Medellin (Colombia), May 20-24, 2019
 - 2018 RIDGE December Forum, Montevideo (Uruguay) and Buenos Aires (Argentina), December 4-14, 2108
 - 2018 RIDGE May Forum, Montevideo (Uruguay), May 21-25, 2018
 - 2017 RIDGE December Forum, Montevideo (Uruguay) and Buenos Aires (Argentina), December 4-19, 2107
 - 2017 RIDGE May Forum, Montevideo (Uruguay), May 22-26, 2107
 - World Congress International Economic Association (Mexico), June 19-23, 2017
 - JRC-IEA Roundtable on “Macroeconomic Modelling for R&D and Innovation” European Commission (Brussels), March 17-18, 2017
 - 2016 RIDGE December Forum, Montevideo (Uruguay), Buenos Aires (Argentina) and Rio (Brazil), December 6-20, 2106
 - 2016 RIDGE May Forum, Montevideo (Uruguay), May 23-27, 2106

- 2015 RIDGE December Forum, Montevideo (Uruguay) and Buenos Aires (Argentina), December 15-19, 2015
- IEA-RIDGE Roundtable on “Economic Development and Growth 100 years after Arthur Lewis Birth” Santa Cruz (Bolivia), October 14, 2015
- X REDg Dynamic General Equilibrium Macroeconomics Workshop, Barcelona, October 9-10, 2015
- Workshop on “Labor Markets in the Macroeconomy: A Tribute to Henri Sneessens.” Member of the Scientific Committee. Université catholique de Louvain, Belgium, May 18, 2015
- 2015 RIDGE March Forum, Montevideo (Uruguay), March 23-27, 2105
- 2014 RIDGE December Forum, Montevideo (Uruguay), December 8-12, 2104
- 17th World Congress of the International Economic Association, Jordan, June 6-10, 2014
- IEA-BCU Roundtable on “Capital Flows, Capital Controls and Monetary Policy,” Banco Central del Uruguay, December 7-8, 2013
- Barcelona GSE Summer Forum, Barcelona, June 10-26, 2013; June 9-23, 2014; and June 8-22, 2015
- I to XXIII Workshops on Dynamic Macroeconomics, *Universidad de Vigo*, Sotomayor, Spain, June or July, 1998 to 2018
- I to VII Workshops on Towards Sustained Economic Growth: Evidence and Theory, Barcelona GSE Summer Forum, Spain, October 2010 and 2011, and June 2013, 2014, 2015, 2016 and 2018.
- I to IV, VI, VIII and X *REDg Workshop* on Dynamic General Equilibrium Macroeconomics: *Universidad de Santiago*, Santiago de Compostela, April 2006-2007; *FEDEA*, Madrid, May 2008; *Universidad Autònoma de Barcelona*, September 2009; *IAE-CSIC*, September 2011; *UAB-MOVE*, September 2013, ; *IAE-UAB-MOVE*, October 2015.
- Euro-Latin Study Network on Integration and Trade (ELSNIT)
 - * 1st Conference, *Universitat Pompeu Fabra*, Barcelona, November 2003
 - * 2nd Conference, *European University Institute*, Florence, October 2004
 - * 3rd Conference, *Kiel Institute for World Economics*, Kiel, October 2005
 - * 4th Conference, *CEPII*, Paris, October 2006
 - * 5th Conference, *Universitat Pompeu Fabra*, Barcelona, October 2007
 - * 6th Conference, *European University Institute*, Florence, October 2008
- Uppsala Workshop on Trade, Technology and Heterogeneous Firms, Uppsala University, Sweden, June 2010
- EU-IMT Workshop on Trade, Firm Dynamics and Growth, Lucca, June 2009
- EU-IZA Workshop on Firm Dynamics, Labor Markets and Growth, Bonn, July 2007
- EU-IZA Workshop on Demographic Change and Secular Transition, Bonn, September 2006
- 2005 SAET Conference. Organizer of the invited session: “Economic Growth,” Baiona, Spain, June-July 2005
- Encuentro de Jóvenes Economistas. Organizer of the invited sessions: “Human Capital, Life Expectancy and the Process of Development” and “Education and Growth,” Santiago de Compostela, Spain, September 2004
- Summer Meeting of Economic Analysis. Organizer of the invited sessions: “Lumpy Investment and Durable Purchases” and “Topics in Technology Adoption and Growth.” *Universidad de Vigo*, Spain, September 2003
- Conference on “Lumpy Investment, Durable Purchases and Technical Change,” FEDEA, Madrid, June 2003

- European Conference on “Dynamic Macroeconomics and Time Series,” *European University Institute*, Italy, October 2002
 - Member of the Programme Committee of the European Economic Association Annual Congress, 2006-2007
 - Member of the Programme Committee of the XXXV to XXXIX Simposio de Asociación Española de Economía, 2010-2014
 - Member of the Programme Committee of the XXV Simposio de Análisis Económico, Barcelona, 2000
 - Local organizer of the EEA Summer School on “The Political Economy of Reforms,” Madrid, Spain, September 1997
 - “Third International Conference on Economic Theory: Growth and Business Cycles,” Santiago de Compostela, Spain, July 1996
 - “First International Conference on Economic Theory: Alternative Approaches to Macroeconomics,” Madrid, July 1994
- Project Coordinator
 - Founder of the *Research Institute for Development, Growth and Economics* (RIDGE), an initiative of the International Economic Association, supported by the Uruguayan Government
 - Scientific Leader of the *Severo Ochoa Research Excellence Accreditation* awarded to the Barcelona GSE, 2011-2012 (5,000,000 euro)
 - Coordinator of the project *Technologia, Capital Humano, Innovación y Crecimiento*, funded by the Spanish Ministry of Economics, 2014-2016
 - Coordinator of the project *Vintage Capital* funded by the Spanish Ministry of Sciences and Technology, 2010-2013
 - Member of the Steering Committee of the Euro-Latin Study Network on Integration and Trade, Inter American Development Bank, 2002-2008
 - Local coordinator of the EC RTN project *Macroeconomic Policy Design for Monetary Unions*, 2003-2006
 - Coordinator of the project *Vintage Capital* funded by the Spanish Ministry of Sciences and Technology, 2000-2003
 - Spanish coordinator of the EC HCM project *Imperfect Competition in Intertemporal General Equilibrium Macro-Models*, 1995-1997
 - Spanish coordinator of the EC SPES project *Monopolistic Competition, Disequilibrium and Macroeconometric Models*, 1992-1994

Thesis Supervision

1. Luis Puch, U. Carlos III de Madrid (defended 1996), *Essays on Economic Dynamics*. Jointly supervised with Javier Díaz-Giménez. Professor, Universidad Complutense de Madrid
2. Fernando del Río, U. Carlos III de Madrid (defended 2000), *Monopolistic Competition in Overlapping Generations Models and Embodied Technical Progress in Vintage Capital Models*. Jointly supervised with Raouf Boucekkine. Associate Professor, Universidad de Santiago de Compostela, Spain
3. Antonio Rodríguez-Sampayo, U. de Santiago (defended 2003), *The Replacement of Physical Assets: An Application to Durable Goods*. Associate Professor, Universidad de Santiago de Compostela, Spain

4. Julien Prat, European University Institute (defended 2004), *Models of the Labor Market with Diffusion Processes*. Second supervisor. Associate Professor, IAE-CSIC, Barcelona, Spain, and CNRS Researcher, CREST, Paris
5. Gabriel Felbermayr, European University Institute (defended 2004), *Essays on Economic Growth and International Trade*. President of the Kiel Institute for the World Economy, Germany
6. Bergljot Barkbu, European University Institute (defended 2005), *Essays on Prices*. Jointly supervised with Katarina Juselius. IMF's Deputy Resident Representative to the European Union
7. Laura Vartia, European University Institute (defended 2006), *Essays on Financial Conditions, Firm Dynamics and Plant Survival*. Organization for Economic Co-operation and Development, OECD
8. Antonio Navas-Ruiz, European University Institute (defended 2006), *Trade Liberalization, Increase in Competition and Economic Growth*. Lecturer, University of Sheffield, UK
9. Mauro Bambi, European University Institute (defended 2007), *Essays on Growth Theory*. Associate Professor, Durham University, UK
10. Aurelien Saidi, European University Institute (defended 2007), *Increasing Returns to Scale, (In)determinacy and Welfare*. Affiliate Professor, ESCP Europe, and Assistant Professor, Paris Nanterre University, France
11. Stephan Fahr, European University Institute (defended 2007), *Essays on Innovations, Technology and the Labor Market*. Macro Prudential Policy & Financial Stability Division, European Central Bank, ECB
12. Davide Sala, European University Institute (defended 2007), *Three Essays on International Trade*. Assistant Professor, University of Passau, Germany
13. Alain Gabler, European University Institute (defended 2007), *On the Macroeconomics of Firm Entry and Exit*. Head of International Policy Analysis at Swiss National Bank, Switzerland
14. Markus Poschke, European University Institute (defended 2007), *Firm Heterogeneity and Macroeconomic Performance*. Associate Professor & William Dawson Scholar, McGill University, Canada
15. Michael Wycherley, European University Institute (defended 2007), *Macroeconomics Growth and Technology Adoption*. Assistant Professor, Trinity College, Dublin
16. Daria Denti, European University Institute (defended 2008), *R and D in R&D Endogenous Growth and Welfare*. Social Science Gran Sasso Science Institute (GSSI), Italy
17. Teodora Borota, European University Institute (defended 2009). *North-South Trade and Growth: The Role of Product Quality*. Associate Senior Lecturer, Uppsala University, Sweden
18. Sarah Stolting, European University Institute (defended 2010), *Three Essays on International Trade*. European Investment Bank, Luxembourg
19. Cristiana Benedetti, European University Institute (defended 2011). *Essays on Firm Dynamics, Endogenous Growth, International Trade and Transitional Dynamics*. European Commission, Brussels
20. Miguel Sanchez, European University Institute (defended 2012). *Three Essays on Macroeconomics*. European Commission, Brussels
21. Ali Saadatnia, IDEA, Universidad Autónoma de Barcelona (defended 2015). *Essays on Firm Dynamics and International Trade*
22. Carlos Casacuberta, Universidad de Santiago de Compostela (defended 2017). dECON, Universidad de la República, Uruguay

23. Apoorva Gupta, University of Nottingham (defended 2019). Co-supervisor Richard Kneller. Post-doc at DICE, University of Duesseldorf, Germany
24. Francesca Vinci (starting 2016), University of Nottingham. Co-supervisor Giammario Impullitti
25. Carolina Gomez-Cuenca (starting 2017), University of Nottingham. Co-supervisor Kevin Lee
26. Fahad Kazmi (starting 2017), University of Nottingham. Co-supervisor Giammario Impullitti
27. Minsu Kim (starting 2017), University of Nottingham. Co-supervisor Giammario Impullitti
28. Rachel Cho (starting 2018), University of Nottingham. Co-supervisor Markus Eberhardt
29. Luis Matto (starting 2018) University of Nottingham. Co-supervisor Giammario Impullitti