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## Rafael Moner Colonques

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### Personal data:

Date of birth: 12/06/65  
Nationality: Spanish    Married, 2 daughters (Sara and Ana)

### Education

-**Ph.D. in Quantitative Economics** 1995.  
CORE, Université catholique de Louvain.

-**Degree in Economics:** Licenciado en Ciencias Económicas y Empresariales. University of Valencia. 1988

### Current position

-**Full professor (Catedrático de Universidad)** Department of Economic Analysis. University of Valencia (from 10<sup>th</sup> November 2017).

### Previous academic positions

**Ayudante Facultad:** Department of Economic Analysis. University of Valencia. From 27<sup>th</sup> December 1994 until 26<sup>th</sup> December 1996.

**Profesor Asociado TC** Department of Economic Analysis. University of Valencia. From 27<sup>th</sup> December 1996 until 21<sup>st</sup> May 1997.

**Profesor Ayudante Universidad.** Department of Economic Analysis. University of Valencia. From 22<sup>nd</sup> May 1997 until 16<sup>th</sup> November 1999.

**Profesor Titular Universidad.** Department of Economic Analysis. University of Valencia. From 17<sup>th</sup> November 1999 until 9<sup>th</sup> November 2017.

### Publications

41. "Welfare and environmental effects of short-haul flights bans", (with (with Pedro Cantos, Alba Ruiz-Buforn and José J. Sempere). Transport Economics and Management Journal TEAM-J, 1, 126-138 (2023).

40. "Market power in railway operations under different vertical structures", (with Pedro Cantos and José J. Sempere). Transport Economics and Management Journal TEAM-J, 1, 67-76 (2023).
39. "Leadership in Internationalization Strategies", (with Maja Barac). The Manchester School, 90, 293-318 (2022). Quality indicators: JCR Impact factor 2021: 1.063 position 314/379 in Economics **Q4**. Citations WOS: 0; Scopus:0, Google Scholar: 2.
38. "The effect of cooperative infrastructure charges on High-Speed Rail and airline competition", (with Oscar Alvarez, Pedro Cantos and José J. Sempere). Transport Policy, 112, 125-141 (2021). Quality indicators: JCR Impact factor 2021: 6.173 position 36/379 in Economics **Q1**. Citations WOS: 3; Scopus:3, Google Scholar: 5.
37. "Pricing and infrastructure fees in shaping cooperation in a model of high-speed rail and airline competition", (with Oscar Alvarez, Pedro Cantos and José J. Sempere). Transportation Research Part B, 140, 22-41 (2020). Quality indicators: JCR Impact factor 2020: 5.596 position 24/378 in Economics **Q1**. Citations WOS: 6, Scopus:6; Google Scholar: 10.
36. "Cooperation for Innovation and Technology Licensing: Empirical Evidence from Spain", (with Pedro Mendi and José J. Sempere Moneris). Technological Forecasting and Social Change, 154-119976, 1-7, (2020). Quality indicators: JCR Impact factor 2020: 8.593 position 22/153 in Business **Q1**. Citations WOS: 11; Scopus: 12; Google Scholar: 21.
35. "A three-stage competition game in an air transport network under asymmetric valuation of flight frequencies", (with Oscar Alvarez, Pedro Cantos and José J. Sempere). Economics of Transportation, 21-100141, 1-15, (2020). Quality indicators: JCR Impact factor 2020:2.294 position 147/556 in Economics **Q2**. Citations WOS: 4, Scopus: 5, Google Scholar: 5.
34. "To lead or to wait? An application to internationalization strategies under demand uncertainty", (with Maja Barac). Managerial and Decision Economics, 40(5), 559-568, (2019). Quality indicators: JCR Impact factor 2019: 0.494 position 342/373 in Economics **Q4**. Citations WOS:1, Scopus: 1, Google Scholar: 2.
33. "Internationalization strategies in oligopoly with heterogeneous firms", (with Maja Barac). Bulletin of Economic Research, 68(S1), 66-77, (2016). Quality indicators: JCR Impact factor 2016: 0.358 position 306/347 in Economics **Q4**. Citations WOS:0, Scopus:1; Google Scholar: 2.
32. "Rail access charges and internal competition in High Speed Trains", (with Oscar Alvarez, Pedro Cantos and José J. Sempere). Transport Policy, 49, 184-195, (2016). Quality indicators: JCR impact factor 2016: 2.269 position 53/347 in Economics **Q1**. Citations WOS: 20; Scopus: 22; Google Scholar: 36.
31. "R&D competition, cooperation, and microeconomic policies", (with José J. Sempere). Book chapter in the *Handbook of Research on Comparative Economic Perspectives on Europe and the MENA Region.* Edited by Christiansen, B., & Erdo\_du, M. Hershey, PA: IGI Global, Chapter 10, 195-218, (2016).
30. "Brand Price Differentials in Retail Distribution: Product Quality and Service Quality", CORE Discussion Paper 2011-17 (with J. Máñez, J. Sempere Moneris and A. Urbano). Applied

Economics, 48(59), 5749-5760, (2016). Quality indicators: JCR Impact factor 2016: 0.648 position 233/347 in Economics **Q3**. Citations WOS: 1; Scopus: 3; Google Scholar: 5.

**29.** "Optimal know-how transfers in licensing contracts", (with Pedro Mendi and José J. Sempere Moneris). Journal of Economics, 118(2), 121-139, (2016). Quality indicators: JCR Impact factor 2016: 1.304 position 116/347 in Economics **Q2**. Citations WOS: 3; Scopus: 5; Google Scholar: 4.

**28.** "The Strategic Use of Innovation to Influence Environmental Policy: Taxes versus Quotas", (with Santiago Rubio). B.E. Journal of Economic Analysis and Policy, 16(2), 973-1000, (2016). Quality indicators: JCR Impact factor 2016: 0.252 position 323/347 in Economics **Q4**. Citations WOS: 18; Scopus: 19; Google Scholar: 28.

**27.** "The timing of environmental policy in imperfectly competitive markets", (with Santiago Rubio). Economía Agraria y Recursos Naturales EARN, special issue in honor of profesor Ballesteros, 15(1), 11-40, (2015). SJR 0.202 position 184/319 Environmental Science **Q3**. Citations WOS: 10; Scopus: 11; Google Scholar: 16.

**26.** "El posible conflicto entre los incentivos privados y públicos a innovar en una industria exportadora", (with Francisco Caballero, Pedro Mendi and José J. Sempere Moneris). Cuadernos ICE, 89, 185-203 (2015). Citations Google Scholar: 1.

**25.** "The impact on port competition of the integration of port and inland transport services", (with Pedro Cantos, José J. Sempere Moneris and O. Alvarez), Transportation Research Part B, 80, 291-302 (2015). Quality indicators: JCR impact factor in 2015: 3.769 position 11/345 in Economics **Q1**; Citations WOS: 58; Scopus: 68; Google Scholar: 97.

**24.** "A Model of Internal and External Competition in a High Speed Rail Line", (with Pedro Cantos, José J. Sempere Moneris and O. Alvarez), Economics of Transportation, (2015). 2015 SJR impact factor 1.246 – economics, econometrics and finance **Q1**; transportation **Q1**. JCR 2018 1.750 (**Q2**). Citations WOS: 16; Scopus: 22; Google Scholar: 31.

**23.** "Competition and Horizontal Integration in Maritime Freight Transport", (with Pedro Cantos, José J. Sempere Moneris and O. Alvarez), Transportation Research Part E, 51, 67-81, (2013). Quality indicators: JCR impact factor 2013: 2.193 position 45/333 in Economics **Q1**; Citations WOS: 35; Scopus: 42; Google Scholar: 63.

**22.** "Vertical Integration and Exclusivities in Maritime Freight Transport", (with Pedro Cantos, José J. Sempere Moneris and O. Alvarez), Transportation Research Part E, 51, 50-61, (2013). Quality indicators: JCR impact factor 2013: 2.193 position 45/333 in Economics **Q1**; Citations WOS: 25; Scopus: 34; Google Scholar: 63.

**21.** "Patrones de Transferencia de Tecnología entre Empresas Matrices Filiales y Rivales: Su Efecto sobre la Competencia" (with Pedro Mendi and José J. Sempere Moneris). Economía Industrial, 382, 93-100, (2011). Citations Google Scholar: 1.

**20.** "Viability of New Road Infrastructure with Heterogeneous Users", (with Pedro Cantos, José J. Sempere Moneris and O. Alvarez). Transportation Research Part A, 45, 435- 450, (2011). Quality indicators: JCR impact factor 2011: 2.354 position 3/24 in Transportation **Q1**. Citations WOS: 9; Scopus: 8; Google Scholar: 16.

19. "Endogenous Mergers of Complements with Mixed Bundling", (with Ricardo Flores). *Review of Industrial Organization*, 39 (3), 231-251, (2011). Quality indicators: JCR impact factor 2011: 0.479 position 221/321 in Economics **Q3**; Citations WOS: 7; Scopus: 7; Google Scholar: 13.
18. "Vertical Integration, Collusion, and Tariffs", (with Pedro Mendi and José J. Sempere Moneris). *SERIEs*, 2 (3), 359-378, (2011). 2014 JCR impact factor 0.378 Q4. The *SERIEs* journal is the merger of Spanish Economic Review (Revista Española de Economía) and Investigaciones Económicas. Citations WOS: 3; Scopus: 3; Google Scholar: 9.
17. "Product Line Choice in Retail Duopoly" (with José Jorge Sempere Moneris and Amparo Urbano). *Journal of Economics and Management Strategy*, 20 (3), 777-802 (2011). Quality indicators: JCR impact factor 2011: 1.093 position 105/321 in Economics **Q2**; Citations WOS: 4; Scopus: 4; Google Scholar: 7.
16. "Alternative pricing regimes in interurban passenger transport with externalities and modal competition" (Pedro Cantos, Oscar Alvarez and José J. Sempere Moneris). *Regional Science and Urban Economics* Vol. 39(2) pp.128-137. (2009). Quality indicators: JCR impact factor 2009: 0.910 position 102/247 in Economics **Q2**. Citations WOS: 7; Scopus: 10; Google Scholar: 13.
15. "Entry in Foreign Markets under Asymmetric Information and Demand Uncertainty" (with José J. Sempere Moneris and Vicente Orts). *Southern Economic Journal*. Vol.74(4) pp. 1105-1122. (2008). Quality indicators: JCR impact factor 2008: 0.645 position 1272/208 in Economics **Q3**. Citations WOS: 3; Scopus: 4; Google Scholar: 18.
14. "Strategic Formation of Airline Alliances" (with Ricardo Flores Fillol). *Journal of Transport Economics and Policy* Vol. 41(3) pp.427-449. (2007). Quality indicators: JCR impact factor 2007: 0.780 position 77/191 in Economics **Q2**. Citations WOS: 54; Scopus: 63; Google Scholar: 93.
13. "Asymmetric Demand Information and Foreign Direct Investment" (with José J. Sempere Moneris and Vicente Orts). *Scandinavian Journal of Economics* Vol. 109(1) pp.93-106 (2007). Quality indicators: JCR impact factor 2009: 0.676 position 94/191 in Economics **Q2**. Citations WOS: 6; Scopus: 7; Google Scholar: 10.
12. "The tradeoffs between retail service and exclusivity in distribution: Welfare and policy implications". *International Review of Law Economics* Vol.26 pp.241-261 (2006). Quality indicators: JCR impact factor 2006: 0.466 position 124/174 in Economics **Q3**. Citations WOS: 3; Scopus: 3; Google Scholar: 8.
11. "Mixed Oligopoly, Product Differentiation and Competition for Public Transport Services" (with Pedro Cantos). *The Manchester School* Vol 74(3) pp.294-313. (2006). Quality indicators: JCR impact factor 2006: 0.289 position 151/174 in Economics **Q4**. Citations WOS: 9; Scopus: 9; Google Scholar: 22.
10. "Licensing Policies for a New Product" (with Caballero Sanz, Francisco and José Jorge Sempere Moneris). *Economics of Innovation and New Technology*, Vol 14(8) pp.697-713. (2005). 2009 SJR impact factor 0.227 –economics, econometrics and finance **Q2**. 2018 JCR impact factor 1.529 (Q2). Citations WOS: 6; Scopus: 9; Google Scholar: 17.
9. "Strategic Delegation with Multiproduct Firms" (with José Jorge Sempere Moneris and Amparo Urbano). *Journal of Economics and Management Strategy*.Vol.13 pp.405-427 (2004). Quality

indicators: JCR impact factor 2004: 1.143 position 37/172 in Economics **Q1**. Citations WOS: 10; Scopus: 11; Google Scholar: 16.

8. "The Manufacturer' Choice of Distribution Policy under Successive Duopoly" (with Jorge Sempere Moneris and Amparo Urbano). *Southern Economic Journal* Vol. 70, pp.532-548 (2004). Quality indicators: JCR impact factor 2004: 0.385 position 120/172 in Economics **Q3**. Citations WOS: 13; Scopus: 13; Google Scholar: 33.

7. "Competition Enhancing Measures and Scope Economies: A Welfare Appraisal" (with Pedro Cantos and José Jorge Sempere Moneris). *Investigaciones Económicas* Vol.27 pp.97-123 (2003). The SERIEs journal is the merger of Spanish Economic Review (Revista Española de Economía) and Investigaciones Económicas. 2017 JCR impact factor 0.594 Citations WOS: 2; Scopus: 2; Google Scholar: 3.

6. "Optimal Licensing in a Spatial Model" (with Francisco Caballero Sanz and José Jorge Sempere Moneris). *Annales d'Économie et de Statistique* Vol.66 pp.257-279 (2002). In ResearchGate it shows a 2.43 impact factor. Citations WOS: 13; Scopus: 17; Google Scholar: 34.

5. "Cooperation in R&D with Spillovers and Delegation of Sales" (with José Jorge Sempere Moneris). *Economics of Innovation and New Technology* Vol.9 pp.401-420 (2000). 2017 SJR impact factor 0.571 – all economics, econometrics and finance Q1. 2018 JCR impact factor 1.529 (Q2). Citations WOS: --; Scopus: 5; Google Scholar: 7.

4. "Subsidios a la Exportación y Delegación de Ventas" *Información Comercial Española*. Vol.782 pp.57-63 (1999). Spanish version of last chapter in my thesis. Citations Google Scholar: 5.

3. "Cost Uncertainty and Trade Liberalization in International Oligopoly". *Journal of International Economics* Vol.45 pp.369-376. (1998). Quality indicators: JCR impact factor 1998: 1.186 position 21/1607 in Economics **Q1**. Citations WOS: 2; Scopus: 3; Google Scholar: 5.

2. "Market Structure and R&D Joint Ventures: The Case of Product Innovations" (with Francisco Caballero Sanz and José Jorge Sempere Moneris). *European Journal of Law and Economics* Vol.5 pp.51-66 (1998). 2017 JCR impact factor 0.653 Citations WOS: --; Scopus: 2; Google Scholar: 8.

1."Delegation and International Oligopoly". *Revista Española de Economía* Vol.14 pp.269-286. The SERIEs journal is the merger of Spanish Economic Review (Revista Española de Economía) and Investigaciones Económicas. Citations Google Scholar: 16.

I contributed on equal share as my co-authors.

## **Work In Progress**

3. "Should short-haul flights be banned? An application to a transport network", (with P. Cantos, A. Ruiz-Buforn and J.J. Sempere-Moneris)

2. "The effects of environmental taxes on the private and social incentives to FDI", (with Mario Martínez and Jose J. Sempere). Book chapter.

1. "Competition in rail transport" (with O. Álvarez,). Book chapter in *Economic Analysis and Policy Evaluation in the Railway Industry: An International Perspective*, Elsevier, edited by Marc Ivaldi and Pedro Cantos.

0. "Theoretical and experimental insights on firms' internationalization decisions under Uncertainty", CORE DP No. 2012-41 (with Nikos Georgantzís, José J. Sempere and Vicente Orts). Book chapter in honor of Stephen Martin.

## **Seminars and Conferences**

**-2023.-** ITEA Conference in Transport (Santander), 50 EARIE Conference (Rome).

**-2022.-** ITEA Conference in Transport (Toulouse).

**-2021.-** ITEA Conference in Transport (Rome, virtual).

**-2019.-** ITEA Conference in Transport (Paris), XXXIV Jornadas de Economía Industrial (Madrid).

**-2018.-** ITEA Conference in Transport (Hong Kong), XIX Conference in International Economics (Vila-real), XXXIII Jornadas de Economía Industrial (Barcelona), 9<sup>th</sup> Conference Economics of Global Interactions (Bari).

**-2017.-** IIOC '17 Boston, ITEA Conference in Transport (Barcelona), XXXII Jornadas de Economía Industrial (Pamplona).

**-2016.-** 2<sup>nd</sup> Meeting on Transport Economics and Infrastructure (Barcelona), CORE seminar, Kuhmo Nectar Conference in Transport (Santiago de Chile), KIIS Worskshop, INTECO Workshop.

**-2015.-** Workshop on Railway Policy (Kobe, Japan), OPTION Conference- Optimizing Policies for Transport: accounting for Industrial Organization in Network markets (Amsterdam), Kuhmo Nectar Conference in Transport (Oslo), EAREE Conference (Helsinki), EEA (Mannheim), XXX JEI (Alicante), ETSG (Paris), KIIS Worskshop.

**-2014.-** 1st Meeting on Transport Economics and Infrastructure (Barcelona), Kuhmo Nectar Conference in Transport. (Toulouse), Fifth Workshop on Game Theory in Energy (Montreal), Resources and Environment, XXIX Jornadas de Economía Industrial (Barcelona).

**-2013.-** IIOC '13 (Boston), XIV Jornadas de Economía Internacional (Palma), Kuhmo Nectar Conference in Transport. (Chicago), XXVIII Jornadas de Economía Industrial (Segovia)

**-2012.-** Kuhmo Nectar Conference in Transport. (Berlin), XXVII Jornadas de Economía Industrial (Murcia) XXXVII Simposio de Análisis Económico (Vigo).

**-2011.-** Kuhmo Nectar Conference in Transport. (Stockholm), XII Jornadas de Economía Internacional (Castellón), Warwick University.

**-2010.-** Kuhmo Nectar Conference in Transport. (Valencia), 2nd Valencia-Louvain Workshop on Game Theory and Economic Behavior, World Conference on Transport Research (Lisbon), ASSET Meeting (Alicante).

**-2009,** Kuhmo Nectar Conference in Transport. (Copenague), 1st Valencia-Louvain Workshop on Game Theory and Economic Behavior, XXXIV Simposio de Análisis Económico.

**-2008,** European Assoc. for Research in Industrial Economics (EARIE) 35<sup>th</sup> Annual Conference (Toulouse), Kuhmo Nectar Conference in Transport. (Amsterdam), Competition and Regulatory Policy Workshop (Las Palmas de Gran Canaria),

**-2007,** Workshop on Transport Economics (Valencia), ASSET Meeting (Padova),

**-2006,** 4<sup>th</sup> Annual Conference on "Railroad Industry Structure, Competition and Investment" (Madrid), European Assoc. for Research in Industrial Economics (EARIE) 33<sup>rd</sup> Annual Conference (Amsterdam), XXII Jornadas de Economía Industrial (Barcelona),

**-2005,** ASSET Meeting. (Creta), European Assoc. for Research in Industrial Economics (EARIE) 32<sup>nd</sup> Annual Conference (Porto), TRAINING SEMINAR: Government Restructuring: Privatization, Regulation and Competition (World Bank, Washington), XXX Simposio de Análisis Económico

(Murcia), II Jornadas sobre Integración Económica (Valencia), XXI Jornadas de Economía Industrial (Bilbao), Jornadas sobre "Liberalización y Competencia: Resultados y Retos Pendientes" (Madrid).

-2004, European Trade Study Group 6<sup>th</sup> Annual Conference (Nottingham), European Assoc. for Research in Industrial Economics (EARIE) 31<sup>st</sup> Annual Conference (Berlín), XX Jornadas de Economía Industrial (Granada).

-2003, European Trade Study Group 5<sup>th</sup> Annual Conference (Madrid), European Assoc. for Research in Industrial Economics (EARIE) 30<sup>th</sup> Annual Conference (Helsinki).

-2002, European Assoc. for Research in Industrial Economics (EARIE) 29<sup>th</sup> Annual Conference (Madrid).

-2001, European Assoc. for Research in Industrial Economics (EARIE) 28<sup>th</sup> Annual Conference (Dublin), Ninth Summer Meeting on Game Theory (Valencia), XVII Jornadas de Economía Industrial (I Encuentro de Economía Industrial) (Barcelona), VII Jornadas de Economía Internacional (Málaga),

-2000, Fourth Spanish Meeting on Game Theory (Valencia), XVI Jornadas de Economía Industrial (Madrid).

-1999, European Assoc. for Research in Industrial Economics (EARIE) 26<sup>th</sup> Annual Conference (Torino), VI Jornadas de Economía Internacional (Madrid).

-1998, European Assoc. for Research in Industrial Economics (EARIE) 25<sup>th</sup> Annual Conference (Copenhague), 8<sup>TH</sup> World Conference on Transport Research (Antwerp), XXIII Simposio de Análisis Económico (Barcelona), XIV Jornadas de Economía Industrial (Madrid).

-1997, European Assoc. for Research in Industrial Economics (EARIE) 24<sup>th</sup> Annual Conference (Leuven), V International Conference on Competition and Ownership in Land Passenger Transport (Leeds), XIII Jornadas de Economía Industrial (Madrid), V Jornadas de Economía Internacional (Pamplona).

-1996, '96 ASSET Meeting (Alicante), European Assoc. for Research in Industrial Economics (EARIE) 23<sup>rd</sup> Annual Conference (Viena), 51<sup>st</sup> Econometric Society European Meeting (Istanbul), 7<sup>th</sup> Stony Brook Summer Festival on Game Theory (New York), XXI Simposio de Análisis Económico (Barcelona), XII Jornadas de Economía Industrial (Madrid).

-1995, European Assoc. for Research in Industrial Economics (EARIE) 22<sup>nd</sup> Annual Conference (France), XX Simposio de Análisis Económico (Barcelona), IV Jornadas de Economía Internacional (Castellón).

-1994, European Assoc. for Research in Industrial Economics (EARIE) 21<sup>st</sup> Annual Conference (Creta), XIX Simposio de Análisis Económico (Barcelona), X Jornadas de Economía Industrial (Madrid).

## **Funded Research Projects**

1. The Economic Analysis of Institutional and Structural Change as an Integrated Dynamic Progress. A 'Computable Economics' Approach. *Human Capital and Mobility Programme European, Research Networks. The Commission of The European Communities*. 1994-1996.
2. Relaciones Verticales: Distribución en Común y Distribución en Exclusiva. Efectos sobre la Competencia y el Bienestar Social. *Ministerio de Educación y Ciencia PB-95-1074*. 1996-1999.
3. Integración Económica y Fusiones: Incentivos Privados versus Públicos. *Instituto Valenciano de Investigaciones Económicas (IVIE)*. 1997.
4. Equilibrium Distribution Systems under Retailers' Strategic Behaviour. *Instituto Valenciano de Investigaciones Económicas (IVIE)*. 1998. Researcher in charge.
5. Product Quality and Distribution Channels. *Instituto Valenciano de Investigaciones Económicas (IVIE)*. 1999.

6. Complejidad Computacional y Comunicación Interactiva en el diseño de Mecanismos para los Mercados Públicos y Privados. Una Aplicación a las Subastas Públicas y a las Subastas en Línea. *Ministerio de Ciencia y Tecnología BEC2000-1429*. 2001-2004.
7. Private Labels vs. National Brands. *Instituto Valenciano de Investigaciones Económicas (IVIE)*. 2003.
8. Formación Dinámica de Redes. Redes de Comunicación con Restricciones de Complejidad Computacional. Aplicaciones a las Organizaciones y a los Mercados. *Ministerio de Educación y Ciencia SEJ 2004-07554/ECON*. 2004-2007.
9. Grupo de Investigación en Economía del Comportamiento, GRUPOS04/13. Partners: Universitat de Valencia and Universitat Jaume I. *Conselleria de Cultura Educació i Esport. Generalitat Valenciana*. 2004-2005.
10. Strategic Effects of International Airline Alliances. *Instituto Valenciano de Investigaciones Económicas (IVIE)*. 2004. Researcher in charge.
11. The Effects of Economic Integration on Distribution Networks. *Instituto Valenciano de Investigaciones Económicas (IVIE)*. 2005.
12. Formación Dinámica de Redes. Redes de Comunicación con Restricciones de Complejidad Computacional. Aplicaciones a las Organizaciones y los Mercados. *Conselleria d'Empresa, Universitat i Ciència ACOMP/2007/305*. 2007.
13. Redes, Incentivos e Información en Procesos Complejos de Interacción Socio-Económica. *Ministerio de Educación y Ciencia SEJ 2007-66581/ECON*. 2007-2010.
14. Actuaciones de I+D para grupos de excelencia programa Prometeo. *Conselleria d'Educació, Generalitat Valenciana*. Prometeo 2009/068. 2009-2012.
15. Redes de agentes estratégicos: estructuras modulares, protocolos de comunicación y formación endógena. Aplicaciones a los mercados y a las instituciones. *Ministerio de Ciencia y Tecnología ECO2010-20584*. 2010-2013.
16. XXVI Jornadas de Economía Industrial 2011. *Conselleria de Educació Generalitat Valenciana, Ministerio de Ciencia y Tecnología*. Researcher in charge.
17. Innovación y competencia en el sistema de transporte. La interacción de varias externalidades en las políticas industrial y medioambiental ECO2013-45045-R. *Ministerio de Economía y Competitividad*.
18. Estrategias de I+D en una economía global: inversión intramuros, competencia y rentabilidad empresarial internacional. *Fundación BBVA*. Researcher in charge.
19. Políticas de transporte, energía e I+D en un contexto de competencia imperfecta y externalidades, ECO2016-77589-R. *Min. de Economía y Competitividad*. Researcher in charge.
20. Actuaciones de I+D para grupos de excelencia programa Prometeo. *Conselleria d'Educació, Cultura i Esport, Generalitat Valenciana*. Prometeo 2019/095. 2019-2022.
21. Modelización de sistemas de transporte y cuestiones medioambientales en mercados en competencia imperfecta afectados por procesos de innovación. *Ministerio de Ciencia e Innovación PID2019-107895RB-I00*. 2020-2022.
22. Tecnologías limpias, transporte sostenible y acuerdos internacionales sobre medio ambiente. *Ministerio de Ciencia e Innovación*. PID2022-136805OB-I00. 2023-2026.
23. Actuaciones de I+D para grupos de excelencia programa Prometeo. *Conselleria d'Educació, Universitats i Empleo, Generalitat Valenciana*. CIPROM/2022/29. 2023-2026.

### **Research Contracts with Administration**

1. Precios óptimos en el transporte terrestre: implicaciones sobre la distribución del tráfico y sobre el bienestar. *Ministerio de Fomento FOM/2003/03*. 2004-2005.



2. Precios e infraestructuras para el transporte interurbano: una aplicación al caso español. *Ministerio de Fomento. FOM/2005/21. 2006-2007.*
3. Valoración de los ahorros del tiempo de viaje y de las reducciones de riesgo de accidentes viales: aplicación a la evaluación de proyectos de transporte. *CEDEX, (Ministerio de Fomento 2007-027-01CAPM. 2007-2010.*
4. Evaluation of the transport infrastructure in Spain and development of a methodology to assess the cost and benefits of transport infrastructure investments. Output 1.3: "Analysis of the rationality of investments in transport infrastructure, including the integration of the different transport modes in a multimodal network. *European Commission and AIReF, 2019-2020.*

### **Thesis Supervised**

- 1 "Competencia y organización en el sector de transporte marítimo". Oscar Alvarez (co-supervised with Pedro Cantos) – 30th March 2012.
2. "Incentives, Service Quality and Regulation: an Application to the Airline Industry", Valentín Lago (co-supervised with José Sempere Monerris) – 2nd July 2012.
3. "Exports vs FDI under cost heterogeneity: strategic entry, pre-commitment and oligopolistic reaction". Maja Barac – 13th July 2012.
4. "Economics of Platform Competition: Compatibility, Standardization and Piracy", Ignacio Nadal, (co-supervised with Amparo Urbano) – 9th September 2013.
5. "Welfare Impact of Preferential Trade Agreements under imperfect competition", Lucía Angelo – 11th January 2016.
6. "Airport-airline Rivalry and Efficiency in the Air Transport Industry", Adrian Nerja Esteve (co-supervised with Pedro Cantos and José Sempere Monerris) – 21st June 2019.

Supervisor of 16 master dissertations. [Teaching in the Master of Arts in Industrial Economics at the University of Valencia].

Currently supervising Mario Martínez and Fabio Pereira.

### **Teaching**

Microeconomics, Industrial Organization (undergraduate level)

Industrial Organization, R&D: competition, cooperation and technology policy (master's degree)

### **Member of the Organizing Committee**

1. EARIE 2007

2. Kuhmo Nectar Conference in Transport Economics 2010,
3. And member of the Summer School Steering Committee (2010-2013).
4. XXVI Jornadas de Economía Industrial 2011 (chair)
5. VIII Congreso de la Asociación Española para la Economía Energética 2013.
6. Workshop “Knowledge, Innovation and Internationalization Strategies” (chair 2015), Member of organizing committee in Nov. 2016-2017-2018-2019-2021-2022-2023.
7. AERNA Workshop on “Game Theory and the Environment”, Valencia, 2-3 Sept. 2019.

### **Member of the Scientific Committee**

1. Jornadas de Economía Industrial (Sept. 2006-2011).
2. Jornadas de Economía Internacional (June 2013).

### **Other Information**

**Research assessments (sexenios)** 5, last one (2017-2022)

#### **Scholarships:**

1. Becario de la Conselleria d'Educació i Ciència. Generalitat Valenciana. Period: september 1989 - september 1992.
2. Becario del Banco de España, Becas to undertake post-graduate studies abroad. Period: october 1992 - september 1994.
3. Becario Subvenciones a la movilidad PR2011-0259, to finance my visit to the University of Warwick July through August 2011.

- **Reviewer for** Fundación BBVA, ANEP, Plan Nacional I+D Ministerio de Economía (National Research Plan), Post-graduate Fellowships Abroad programme of Fundación La Caixa.

- **Referee for:** Int. Economic Review, Games and Ec. Behaviour, European Journal of Political Economy, Journal of Economics and Business, Economics of Innovation and New Technology, Journal of International Economics, Journal of Economics and Management Strategy, Spanish Ec. Review, International Journal of Industrial Organization, Economics of Transportation, Review of World Economics, Economic Inquiry, Economic Modelling, Trans. Research Part B, Review of Ind. Organization, Journal of Economic Behavior and Organization, Transport Policy, Journal of Economics, Theory and Decision, Journal of Environmental Economics and Management, PLOS-one, Research in Transport Economics, Environmental Modelling and Assessment, Mathematical Social Sciences, Economic Modelling, Journal of Air Transport Management, Transportmetrica A, The Manchester School, Managerial and Decision Economics, Journal of Public Economic Theory, Transport Policy, SERIEs, Trans. Research Part A, TEAM.