

# Joanna Poyago-Theotoky

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## **The Australian National University**

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## **University of East Anglia**

Norwich Business School  
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## Biography

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A truly international academic leader with a well proven track record in research and significant management expertise in higher education. As an academic research economist I have published extensively on the topics of innovation, R&D cooperation and research joint ventures, technology and environmental policies in top international refereed journals. I have been a member of the Economics Learning Standards Working Party commissioned by the Australian Government to develop new learning standards for Economics Bachelor and Masters degrees.

A multilingual native of Corfu (holding Australian, British and Greek citizenship), I am a graduate of the University of Bristol where I earned my PhD in 1994. I have previously held positions at the University of St Andrews, University of Nottingham, University of Bristol, Loughborough University and La Trobe University. My research interests lie in the areas of industrial organization (especially innovation, R&D cooperation and research joint ventures, technology and environmental policies), applied microeconomic theory, the economics of science and knowledge transfer and the economics of higher education. I have received funding for my research from the British Academy, the ESRC, JISC, CNRS and the Spanish Government. I have published a range of papers including articles in the following journals: Energy Economics, European Journal of Operational Research, Journal of Economic Behavior and Organization, Journal of Economic Geography, Journal of Industrial Economics, Journal of Public Economic Theory, International Journal of Industrial Organization, Review of Industrial Organization, Journal of Regulatory Economics, Journal of Comparative Economics, Regional Science and Urban Economics, Review of International Economics, Oxford Review of Economic Policy, Southern Economic Journal and The B.E. Journal of Theoretical Economics. My non academic interests include: Pugs, skiing, sailing, photography, wildlife and building model aeroplanes.

## Current Appointments

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2020 - Visiting Professor, Norwich Business School, University of East Anglia  
2020 - Visiting Fellow, Research School of Economics, The Australian National University  
2018 - Research Fellow, Centre for Development Economics and Sustainability (CDES), Monash University  
2016- Research Associate, International Centre for Research on the Environment & the Economy

(ICRE8), Athens

## Previous Appointments

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2011 - 2020	Professor of Economics, Department of Economics and Finance, La Trobe University
08/2019 - 02/2020	Visiting Professor, Department of Economics, University of Zurich
03-06/2018	Academic Visitor, Department of Economics, University of Zurich
2015 - 2021	Fellow, Geolab Institute, Ionian University
2012 - 2015	Head of School, School of Economics, La Trobe University
2012 - 2013	Member, Economics Learning Standards Working Party (OLT), Australian Government
2010 - 2013	Research Affiliate, CRIEFF, School of Economics and Finance, St Andrews University
2010 - 2013	External Research Affiliate, SIERC, Massey University
2010 - 2011	Honorary Research Fellow, School of Economics and Finance, La Trobe University
2008 - 2022	Senior Research Fellow, Rimini Centre for Economic Analysis (RCEA)
2006 - 2011	Professor of Microeconomics, University of Loughborough
2008 - 2011	External Examiner in Mathematical Economics (BA and MSc), University of Manchester
2004 - 2006	Reader in Economics, University of Loughborough
2002 - 2003	Senior Lecturer in Economics, University of St Andrews
1993 - 2002	Lecturer in Economics, University of Nottingham
1991 - 1993	Temporary Lecturer in Economics, University of Bristol
1990 - 1991	Part-time Tutor in Economics, University of Bristol

## Areas of Specialization

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Economic Theory of Innovation and Research Joint Ventures  
Environmental Economics and Industrial Organization  
Technology and Environmental Policy  
Public Firms and Mixed Oligopoly  
Economics of Higher Education  
Industrial Organization  
Microeconomic Theory

## Education and Qualifications

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Italian Habilitation as Full Professor of Economics (since 04/02/2014).

Italian Habilitation as Full Professor of Economic Policy (since 18/12/2013).

Italian Habilitation as Full Professor of Applied Economics (since 18/12/2013).

Ph.D. in Economics (1994). Department of Economics, University of Bristol.  
Thesis: Essays in the Economics of Cooperation in Research and Development.  
Examiners: Prof. Ian Jewitt (Bristol, now Oxford), Prof. Y. Katsoulacos (AUEB).  
Viva on 25/02/1994.  
Degree awarded: April 1994.

M.Sc. in Economics (1988). Department of Economics, University of Bristol.  
Thesis: The Economics of Swap Transactions.  
Degree awarded: October 1988.

B.Sc. (Hons) in Economics (1986). Department of Economics, University of Athens (GPA 8.33/10).

## Research Metrics and Citations

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Citation count (as of August 16, 2022)  
Scopus: 851  
Google Scholar: 2347  
Rankings: top 5% RePEc Rankings of Economists  
h-index: 22  
i-10 index: 30  
Wu-index: 5

## Languages

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Fluent in English, French, Italian, German and Greek  
Reading Spanish, Ancient Greek and Latin

## Forthcoming and Papers under Revision

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“New Developments in the Theory of Mixed Oligopoly and Public Firms”, to appear in ‘The Cambridge Elements of Public Economics’, edited by R. Boadway (Queens University), F. Cowell (LSE), M. Florio (Università degli Studi di Milano), *Cambridge University Press*.

“Green Innovation under Uncertainty - Cooperation and Information Sharing”, under revision; with H. Gerlach and J. Pereira.

“Cross-border intellectual property rights: Market access and innovative investment”, under revision; with YY Tsai.

“Partial Privatization in Mixed Markets with Managerial Inefficiency”, under revision; with R. Mazali and J.A. Rodrigues-Neto.

“How Does a Brand Become a Status Symbol? A Dynamic Duopoly Game”, under revision; with R. Mazali and J.A. Rodrigues-Neto.

“Social Status in Quality and Price Games with Asymmetric Technologies”, in progress; with R. Mazali and J.A. Rodrigues-Neto.

## Publications

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### Journal Articles

“Economic Geography and R&D led Growth”; with M. Aloï and F. Tournemaine. *Journal of Economic Geography*, 2021 (advance article).

<http://dx.doi.org/10.1093/jeg/lbab019>

Impact Factor 5.117, 5-year impact factor 5.009, CiteScore 7.1

“R&D Policy and Privatization in a Mixed Oligopoly”; with M.J. Gil-Moltó, J.A. Rodrigues-Neto and V. Zikos. *European Journal of Operational Research*, 2020, 283(3): 1094-1106.

<https://doi.org/10.1016/j.ejor.2019.11.071>

Impact Factor 4.213, 5-year impact factor 4.729, CiteScore 8.5

- “Endogenous R&D spillovers and asymmetric firms”; with K. Teerasuwanajak. *Managerial and Decision Economics*, 2020, 41(7): 1282-1286.  
<https://doi.org/10.1002/mde.3174>  
 Impact Factor 0.494, CiteScore 1.3
- “Locus of Control, Health, and Healthcare Utilization: Understanding the Pathways”; with T.B. Dai, D. Kesavayuth and V. Zikos. *Economic Modelling*, 2020, 86: 227-238.  
<https://doi.org/10.1016/j.econmod.2019.06.014>  
 Impact factor 1.93, 5-year impact factor 2.362, CiteScore 4.2
- “Managerial Delegation Contracts in a Cournot Duopoly with Pollution”; with S.K. Yong. *The B.E. Journal of Theoretical Economics*, 2019, 19(2): 1-10.  
<https://doi.org/10.1515/bejte-2017-0128>  
 Impact factor 0.246, 5-year impact factor 0.276, CiteScore 0.4
- “Cournot Competition and ‘Green’ Innovation: An Inverted-U Relationship”, *Energy Economics*, 2017, 68: 116-123; with L. Lambertini and A. Tampieri.  
<https://doi.org/10.1016/j.eneco.2017.09.022>  
 Impact factor 3.910, 5-year impact factor 4.963
- “Green Technology, Research Joint Ventures and Emissions Taxation”, *Journal of Public Economic Theory*, 2017, 19(2):362-376; with S. McDonald.  
<https://doi.org/10.1111/jpet.12165>  
 Impact factor 1.022, 5-year impact factor 0.511
- “University competition and transnational education: the choice of branch campus”, *The B.E. Journal of Theoretical Economics*, 2016, 16(2): 739-766; with A. Tampieri.  
<https://doi.org/10.1515/bejte-2015-0052>  
 Impact factor 0.412, 5-year impact factor 0.471
- “Horizontal Agreements between Firms and R&D Complementarities: Merger vs RJV”, *International Journal of the Economics of Business*, 2016, 23(1): 87-107; with B. Ferrett.  
<https://doi.org/10.1080/13571516.2015.1049848>  
 Impact factor 0.87
- “Regulatory Protection when Firms decide first on Technical Collaboration and R&D”, *Review of International Economics*, 2013, 21(4): 750-764; with T. Huw Edwards.  
<https://doi.org/10.1111/roie.12068>  
 Impact factor 0.708, 5-year impact factor 0.840
- “Coordination Costs: A Drawback for Research Joint Ventures?”, *Economic Modelling*, 2013, 33: 965-976; with R. Falvey and K. Teerasuwanajak.  
<https://doi.org/10.1016/j.econmod.2013.03.005>  
 Impact factor 0.557, 5-year impact factor 0.699
- “R&D Productivity and IPR Regimes”, *The Manchester School*, 2013, 81(3): 276-292; with K. Teerasuwanajak.  
<https://doi.org/10.1111/j.1467-9957.2011.02282.x>  
 Impact factor 0.454, 5-year impact factor 0.515
- “University Funding Systems and their Impact on Research and Teaching: A General Framework”, *Economics: The Open-Access, Open-Assessment E-Journal*, 2012, 6(2); with J. Beath and D. Ulph.  
<https://dx.doi.org/10.5018/economics-ejournal.ja.2012-2>  
 Impact factor 0.491
- “R&D Subsidies, Spillovers and Privatization in Mixed Markets”, *Southern Economic Journal*, 2011, 78(1): 233-255; with M.J. Gil-Moltó and V. Zikos.  
<https://doi.org/10.4284/0038-4038-78.1.233>  
 Impact factor 0.480, 5-year impact factor 0.800

“Corrigendum to ‘The Organization of R&D and Environmental Policy’ [J. Econ. Behav. Org. 62 (2007) 63–75]”, *Journal of Economic Behavior and Organization*, 2010, 76: 449.  
<https://doi.org/10.1016/j.jebo.2010.07.001>  
Impact factor 1.065, 5-year impact factor 1.451.

“University-Industry Technology Transfer Options: Licensing or Research Joint Venture?”, *Economics Bulletin*, 2009, 29(4): 2588-2597.  
<http://www.accessecon.com/Pubs/EB/2009/Volume29/EB-09-V29-I4-P11.pdf>

“Flexible versus Designated Manufacturing Technologies in a Mixed Duopoly”, *Southern Economic Journal*, 2008, 74(4): 997-1016; with M.J. Gil-Moltó.  
<https://www.jstor.org/stable/20112011>  
Impact factor 0.480, 5-year impact factor 0.800

“The Organization of R&D and Environmental Policy”; *Journal of Economic Behavior and Organization*, 2007, 62(1): 63-75.  
<https://doi.org/10.1016/j.jebo.2004.09.015>  
Impact factor 1.065, 5-year impact factor 1.451

“Endogenous Spillovers and Locational Choice”, *Regional Science and Urban Economics*, 2005, 35: 127-139; with C. Piga.  
<https://doi.org/10.1016/j.regsciurbeco.2004.02.002>  
Impact factor 1.225, 5-year impact factor 1.628

“Endogenous Spillovers and Locational Choice: The Case of Discriminatory Pricing”, *Managerial and Decision Economics*, 2004, 25(3): 157-161; with C. Piga.  
<https://doi.org/10.1002/mde.1137>

“The Management of Technological Innovation: Lessons from Case Studies in the UK Food Industry”, *International Journal of Biotechnology*, 2003, 5(3/4): 334-353; with C.W. Morgan and A. Blake.  
<https://doi.org/10.1504/IJBT.2003.004101>

“Optimal Incentives for Income-Generation within Universities: The Rule of Thumb for the Compton Tax”, *International Journal of Industrial Organization*, 2003, 21(9): 1301-1322; with J. Beath, R. Owen and D. Ulph.  
[https://doi.org/10.1016/S0167-7187\(03\)00084-5](https://doi.org/10.1016/S0167-7187(03)00084-5)  
Impact factor 0.914, 5-year impact factor 1.325

“Optimal Environmental Taxation, R&D Subsidisation and the Role of Market Conduct”; *Finnish Economic Papers*, 2003, 16(1): 15-26.  
[https://www.taloustieteellinenyhdistys.fi/images/stories/fep/f2003\\_1b.pdf](https://www.taloustieteellinenyhdistys.fi/images/stories/fep/f2003_1b.pdf)

“Universities and Fundamental Research: Reflections on the Growth of University-Industry Partnerships”, *Oxford Review of Economic Policy*, 2002, 18(1): 10-21; with J. Beath and D. Siegel.  
<https://doi.org/10.1093/oxrep/18.1.10>  
Impact factor 0.875, 5-year impact factor 1.810

“The timing of Environmental Policy: a Note on the Role of Product Differentiation”, *Journal of Regulatory Economics*, 2002, 21 (3): 305-316; with K. Teerasuwannajak.  
<https://doi.org/10.1023/A:1015364515904>  
Impact factor 1.293, 5-year impact factor 1.166

“R&D Subsidies versus R&D Cooperation in a Duopoly with Spillovers and Pollution”, *Australian Economic Papers*, 2002, 41 (1): 37-52; with E. Petrakis.  
<https://doi.org/10.1111/1467-8454.00148>  
Impact factor 0.171, 5-year impact factor 0.358

“Mixed Oligopoly, Subsidization and the Order of Firms’ Moves: an Irrelevance Result”, *Economics Bulletin*, 2001, 12 (3): 1-5.

<http://www.accessecon.com/pubs/EB/2001/Volume12/EB-01L30001A.pdf>

“Undocumented Migrants in Greece: Issues of Regularisation”, *International Migration*, 1999, 37 (4): 715-740; with G. Lazaridis.

<https://library.fes.de/libalt/journals/swetsfulltext/6939108.pdf>

Impact factor 0.865, 5-year impact factor 1.123

“A Note on Endogenous Spillovers in a Non-tournament R&D Duopoly”, *Review of Industrial Organization*, 1999, 15: 253-262.

<https://doi.org/10.1023/A:1007732218120>

Impact factor 0.870, 5-year impact factor 0.878

“R&D Competition in a Mixed Duopoly under Uncertainty and Easy Imitation”, *Journal of Comparative Economics*, 1998, 26: 415-428.

<https://doi.org/10.1006/jcec.1998.1541>

Impact factor 0.657, 5-year impact factor 1.552

“Organisation Design and Information-sharing in a Research Joint Venture with Spillovers”, *Bulletin of Economic Research*, 1998, 50(1): 47- 59; with J. Beath and D. Ulph.

<https://doi.org/10.1111/1467-8586.00050>

Impact factor 0.289

“Research Joint Ventures and Product Innovation: Some Welfare Aspects”, *Economics of Innovation and New Technology*, 1997, 5: 51-73.

<https://doi.org/10.1080/10438599700000007>

“R&D Competition with Asymmetric Firms”, *Scottish Journal of Political Economy*, 1996, 43(3): 334-342.

<https://doi.org/10.1111/j.1467-9485.1996.tb00849.x>

Impact factor 0.367, 5-year impact factor 0.575

“Equilibrium and Optimal Size of a RJV in an Oligopoly with Spillovers”, *Journal of Industrial Economics*, 1995, 43(2): 209-226.

<https://doi.org/10.2307/2950482>

Impact factor 1.194, 5-year impact factor 1.539

“Optimum versus Equilibrium R&D Cooperation in Oligopoly”, *Rivista Internazionale di Scienze Sociali*, 1993, 101 (3): 351-372.

<https://www.jstor.org/stable/41623790>

## Articles in Books

“The post-mining boom: what next? The innovation agenda of Fortescue Metals Group: a qualitative case study”, with E.S. Miller, in V. Ratten and P. Jones (eds.), *Transformational Entrepreneurship*, 2018, Routledge.

“Islands as Havens for Retirement Migration: Finding a Place in Sunny Corfu”, with G. Lazaridis and R. King, in R. King and J. Connell (eds.) *Small World, Global Lives: Islands and Migration*, 1999, Pinter.

“Introduction”, in J.A. Poyago-Theotoky (Ed.), *Competition, Cooperation and R&D: The Economics of Research Joint Ventures*, 1997, Macmillan/St Martin’s Press.

## Books

*Competition, Cooperation and R&D: The Economics of Research Joint Ventures* (Edited Book), 1997, Macmillan/St Martin’s Press.

## Book Reviews

Review of N. Hanley and H. Folmer (eds), *Game Theory and the Environment*, Edward Elgar, Cheltenham and Brookfield VT, 1998; in the *Journal of Agricultural Economics*, 2001, 52(1): 161-163.

Review/Note of C. Debresson et al., *Economic Interdependence and Innovative Activity*, Edward Elgar, Cheltenham and Brookfield VT, 1996; in the *Economic Journal*, 1998, 108(446): 273.

Review/Note of: E. Mansfield, *Innovation, Technology and the Economy, The Selected Essays of Edwin Mansfield, Volumes I and II*, Edward Elgar, Cheltenham and Brookfield VT, 1996; in the *Economic Journal*, 1997, 107(442): 990.

Review/Note of: S. Dowrick (ed), *Economic Approaches to Innovation*, Edward Elgar, Aldershot and Brookfield VT, 1995; in the *Economic Journal*, 1996, 106(437): 1140.

## PhD Thesis

*Essays in the Economics of Cooperation in Research and Development*, 1994, Ph.D. Thesis, Dept. of Economics, University of Bristol.

## Recent Discussion Papers

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[“Growth and the Geography of Knowledge”](#), 2018, CESifo Working Paper No. 6951, CESifo; with M. Aloï and F. Tournemaine.

[Mixed Oligopoly, Privatization and R&D Subsidization](#), 2018, SSRN Paper ID 3162021; with M.J. Gil-Moltó, J.A. Rodrigues-Neto and V. Zikos.

[“Cournot Competition and “Green” Innovation: An Inverted-U Relationship”](#), 2015, Nota di Lavoro No. 73.2015, Fondazione Enrico Mattei; with L. Lambertini and A. Tampieri.

[“Green Technology and Optimal Emissions Taxation”](#), 2014, Working Paper Series No. 07-14, The Rimini Centre for Economics Analysis; with S. McDonald.

[“Horizontal Agreements and R&D Complementarities: Merger versus RJV”](#), 2012, Working Paper Series No. 13-12, The Rimini Centre for Economic Analysis; with B. Ferrett.

[“Research Joint Ventures and Optimal Emissions Taxation”](#), 2012, [Discussion Papers Series](#) No. 455, School of Economics, University of Queensland; with S. McDonald.

## Grants and Awards

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### Funding received

€22,500 from Ministerio de Educación y Ciencia (Spanish Ministry of Education and Science), Madrid, for research project on “Mercados imperfectamente competitivos: análisis teórico y empírico. Regulación y demanda”; with I. Herguera (CMT), T. Pérez (Universidad Complutense de Madrid), M. Marinucci (Universidad Complutense de Madrid) and L. Cerno (Universidad Europe de Madrid). Grant administrator: T. Pérez (UCM). Grant duration: December 2008 – December 2011.

£100,000 from JISC (Joint Information Systems Committee, UK), for research project on “Economic Implications of Alternative Scholarly Publishing Models: Exploring the Costs

and Benefits”, with J. Houghton, P. Seehan, C. Oppenheim, A. Morris, A. Gourlay, M. Gil-Molto and H. Greenwood. Grant administrator: J. Houghton (Victoria University). Grant duration: October 2007-October 2008.

£200.00 from the Royal Economic Society for the organisation of a Midlands Game Theory Workshop, October 2005.

€32,000 from Ministerio de Educación y Ciencia (Spanish Ministry of Education and Science), Madrid, for research project on “Intervenciones en mercados imperfectamente competitivos con aplicaciones al sector de las telecomunicaciones: aspectos regulatorios y de demanda de servicios”; with I. Herguera (CMT), S. Lutz (Manchester), T. Pérez (Universidad Complutense de Madrid), M. Marinucci (Universidad Complutense de Madrid) and L. Cerno (Universidad Europe de Madrid). Grant administrator: T. Pérez (UCM). Grant duration: August 2004 – August 2007.

£40,540 from the ESRC to study “University – Industry Cooperation, Knowledge Transfer and University Funding” (principal investigator and award holder); with J. Beath. Grant duration: September 2003 – May 2005.

£126,500 from the Centre National de la Recherche Scientifique (CNRS), Paris, for research project on “Vertical and Horizontal Research Links, Cooperation and Innovation”, with J. Beath, Y. Katsoulacos, R. Owen and D. Ulph. Grant administrator: R. Owen (Université de Nantes). Grant duration: October 2000 – June 2002.

£4,500 from the British Academy for research project on “Privatisation and Strategic Trade and Technology Policies”. Grant duration: October 2000 – December 2002.

£67,750 from the Centre National de la Recherche Scientifique (CNRS), Paris, for research project on “Fundamental Research, Cooperation and Innovation”, with J. Beath, Y. Katsoulacos, R. Owen and D. Ulph. Grant administrator: R. Owen (Université de Nantes). Grant duration: December 1998 – June 2000.

€2,200 as Research Partner of the SIRD research team in the T.S.E.R. project “Science and Technology Policy for Research Joint Ventures”, funded by the European Union, 1998.

£5,250 from the University of Nottingham to undertake research on “Contracts and Incentives in Research Joint Ventures: A Theoretical Analysis” (1/8/1995-31/3/1997).

£350.00 from the Royal Economic Society (Conference Grant), September 1998.

£200.00 from the Royal Economic Society (Conference Grant), June 1997.

£250.00 from the British Academy (Conference Grant), May 1997.

£200.00 from the Society for Economic Analysis (Review of Economic Studies, Travel Grant), May 1997.

## Conference Papers

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“Status Goods and Partial Privatization in Mixed Markets with Managerial Inefficiency”; with R. Mazali and J.A. Rodrigues-Neto.

Presented at: SERC 2022, Singapore.

“Mixed oligopoly, cost-reducing research and development, and privatization”; with M.J. Gil-Moltó, J.A. Rodrigues-Neto and V. Zikos.

Presented at: WEAI 2019 International Conference, Tokyo, Japan; EARIE 2019, Barcelona, Spain.

“Green Innovation under Uncertainty - Cooperation and Information Sharing”; with H. Gerlach and J. Pereira.



Presented at: WCERE 2018, Gothenburg, Sweden; OLIGO 2018, Piraeus, Greece; EARIE 2018, Athens, Greece; 4th Monash Environmental Economics Workshop, Melbourne, 2018.

“R&D Policy and Privatization in a Mixed Oligopoly”; with M.J. Gil-Moltó, J.A. Rodrigues-Neto and V. Zikos.

Presented at: Asia Pacific Innovation Conference (APIC) 2017, Wellington, New Zealand.

“Managerial Delegation Contracts in a Cournot Duopoly with Pollution”; with S.K. Yong.

Presented at: EAERE 2017, Athens, Greece; SERC 2017, Singapore; EAAERE 2017, Singapore.

“Economic Geography and R&D led Growth”; with M. Aloï and F. Tournemaine.

Presented at: RES 2016, Brighton, Sussex, UK; Asia-Pacific Innovation Conference 2016, Fukuoka, Japan; AETW 2017, Auckland, New Zealand.

“University competition and transnational education: the choice of branch campus”, with A. Tampieri

Presented at: AMES 2014, Taipei, Taiwan; EARIE 2014, Milan, Italy; APET 2015, Luxembourg.

“Cournot Competition and “Green” Innovation: An Inverted-U Relationship”; with L. Lambertini and A. Tampieri.

Presented at: EARIE 2014, Milan, Italy; EAERE 2015, Helsinki, Finland; SERC 2015, Singapore; EARIE 2015, Munich, Germany; JIE 2015, Alicante, Spain.

“The Schumpeterian hypothesis in polluting industries”; with L. Lambertini and A. Tampieri.

Presented at: APET 2013, Lisbon, Portugal; WEAI 2013 Pacific-Rim Biennial Conference, Tokyo, Japan (**by invitation**); Accepted for presentation at EAERE 2013. Toulouse, France.

“Green Technology, Research Joint Ventures and Emissions Taxation”; with S. McDonald.

Presented at: AMES 2013 and SERC 2013, Singapore; Jornadas de Economia Industrial 2012 (JEI 2012), Murcia, Spain; Game Theory Society (GTS) World Congress 2012, Istanbul, Turkey; ESAM 2012, Melbourne; ACE 2012, Melbourne; EAERE 2012, Prague, Czech Republic; APET 2012, Taipei, Taiwan; AETW 2012, Sydney.

“Horizontal Agreements between Firms and R&D Complementarities: RJV vs Merger”; with B. Ferrett.

Presented at: ACE 2012, Melbourne; EARIE 2012, Rome, Italy; Jornadas de Economia Industrial 2011, Valencia, Spain.

“R&D Subsidies, Spillovers and Privatization in Mixed Markets”; with M.J. Gil-Moltó and V. Zikos.

By invitation for presentation at the Association for Public Economic Theory (APET) Bangkok Workshop on the Political Economy of Development, Chulalongkorn University, Bangkok, June 23-24, 2011 (withdrawn participation/clash with external examining board).

“University Funding Systems: Impact on Research and Teaching”, with J. Beath and D. Ulph.

Presented at: AETW 2011, Adelaide, South Australia.

“R&D Productivity and IPR Regimes”; with K. Teerasuwanajak.

Presented at: EARIE Conference, Ljubljana, September 2009; Econometric Society Australasian Meeting (ESAM), Canberra, July 2009; Accepted for presentation at the Scottish Economic Society Conference, Perth, Scotland, April 2009; New Zealand Economic Association, July 2009; Pacific Rim Innovation Conference, University of Melbourne, January 2010.

“Coordination Costs: A Drawback for Research Joint Ventures?”, with R. Falvey and K. Teerasuwanajak.

Presented at: JMA, Nantes, June 2006; EARIE Conference, Amsterdam, August 2006; ESAM08, Wellington, New Zealand, July 2008; accepted for presentation at ESEM, Vienna, Amsterdam, August 2006; RES, Warwick 2007.

“University Funding Systems and their Impact on Research and Teaching: A General Framework”, with J. Beath and D. Ulph.

Presented at: Conference on Higher Education, Multijurisdictionality and Globalisation, Mons, Belgium, December 2005; ASSET Meeting, Rethymno, Crete, October 2005; EARIE Conference, Oporto, Portugal, September 2005; JMA, Hammamet Tunisia, May 2005; The Royal Economic Society Conference, Nottingham, March 2005.

“Flexible versus Designated Manufacturing Technologies in a Mixed Duopoly”, with M.J. Gil-Moltó.

Presented at: EARIE Conference, Oporto, Portugal, September 2005; JMA, Hammamet Tunisia, May 2005.

“A Theoretical and Empirical Analysis of Research Joint Ventures involving Universities and Firms”; (with A. Link and D. Siegel).

Presented at: The American Economic Association Meetings (AEA/ASSA), San Diego, 3-5 January 2004.

“The Organization of R&D and Environmental Policy”.

Presented at: EARIE Conference, Helsinki, August 2003.

“University-Firm Cooperation and Knowledge Transfer”; (with J. Beath, Y. Katsoulacos and D. Ulph).

Presented at: the EARIE Conference, Madrid, September 2002.

“Shall we meet halfway? Endogenous Spillovers and Locational Choice” (with C. Piga).

Presented at: EARIE Conference, Dublin, September 2001.

“Optimal Incentives for Income-Generation within Universities” (with J. Beath, R. Owen and D. Ulph).

Presented at: American Economic Association Meetings (AEA/ASSA), New Orleans, 5-7 January 2001 EARIE Conference, Lausanne, September 2000; EEA Congress, Bolzano, August 2000; RES conference, St. Andrews, July 2000.

“Absorptive Capacity and Locational Choice” (with C. Piga).

Presented at: Workshop on Innovation and Product Differentiation, Bergamo, 13-14 October 2000.

“Voluntary Approaches, Emission Taxes and the Organization of Environmental R&D”.

Presented at: Workshop on Voluntary Approaches, Competition and Competitiveness, Fondazione ENI Enrico Mattei (FEEM), Milan, 25-27 May 2000.

“A Note on Endogenous Spillovers in a Non-Tournament R&D Duopoly”.

Presented at: EARIE Conference, Torino, Italy, 1999.

“Technology Policy in a Duopoly with Spillovers and Pollution” (with E. Petrakis).

Presented at: RES Conference, Nottingham, 1999.

“Optimal Policy Schemes in an R&D Duopoly with Environmental Pollution” (with E. Petrakis).

Presented at: EARIE Conference, Copenhagen, Denmark, 1998.

“Time Consistency, Technology Policy and Abatement Efforts” (with E. Petrakis).

Presented at: World Congress of Environmental and Resource Economists, Venice, Italy, 1998.

“Environmental Impact of Technology Policy: R&D Subsidies versus R&D Cooperation” (with E. Petrakis).

Presented at: EEA Congress, Toulouse, France, 1997; EAERE Conference, Tilburg, The Netherlands, 1997.

“Mixed R&D Duopoly under Uncertainty and Easy Imitation”.

Presented at: RES Conference, Stoke-on-Trent, Staffordshire, 1997.

“Illegal Migration: Issues of Regularisation” (with G. Lazaridis).

Presented at: conference on ‘Central and Eastern Europe: New Migration Space’, Pultusk, Poland, 1997.

“A Note on R&D Mixed Duopoly under Conditions of Limited Appropriability”.

Presented at: Econometric Society European Meeting, Istanbul, Turkey, 1996; ADRES Conference on Innovation, Strasbourg, France, 1996.

“Research Joint Ventures and Product Innovation: Some Welfare Aspects”.

Presented at: EARIE Conference, Juan-les-Pins, France, 1995.

“Research Joint Ventures and Product Innovation”.

Presented at: RES Conference, Canterbury, Kent, 1995; ESRC Industrial Economists Conference, Bristol, April 1995; Also presented at the EARIE Conference, Chania, Crete, 1994.

“Optimum versus Equilibrium R&D Cooperation in Oligopoly”.

Presented at: International Conference on Innovation, Piacenza, Italy, 1993.

“Information Sharing and Organisation Design in a Research Joint Venture with Spillovers” (with J. Beath and D. Ulph).

Presented at: International Conference on Merger, Oligopoly and Trade, Aix-en-Provence, France, June 21-22, 1990; ESRC Industrial Economics Study Group, Bristol, September 1989.

## Other Research Activities

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### Editorial Positions

Editorial Board, Managerial and Decision Economics, 2020 -

Associate Editor, Economic Modelling, 2019 -

Associate Editor, then Co-editor, Economics E-journal, 2007-2020.

Co-editor, Journal of Agricultural Economics (responsible for submissions related to industrial organization and environmental aspects), 2001 - 2002.

Programme Committee, 6th World Congress of Environmental and Resource Economists (WCERE): Gothenburg, Sweden, June 2018.

Programme Committee, Econometric Society Australasian Meeting (ESAM): Auckland, New Zealand, July 2018.

Programme Committee, European Association for Research in Industrial Economics (EARIE): Madrid, September 2002; Amsterdam, August 2006; Valencia, September 2007.

Programme Committee, European Association of Environmental and Resource Economists (EAERE): Crete, June 2000; Rome, June - July 2011; Athens, June-July 2017; Berlin, June-July 2020; Berlin, 2021; Rimini, 2022.

Programme Committee, Royal Economic Society (RES) Conference: 1997 - 2000 and 2002 - 2005.

## Refereeing

Papers reviewed for the following journals:

American Economic Review, Annales d'Economie et de Statistique, Australian Economic Papers, B.E. Journal of Theoretical Economics, B.E. Journal of Economics and Policy Analysis, Bulletin of Economic Research, Canadian Journal of Economics, Economic Inquiry, Economic Issues, Economic Journal, Economics of Innovation and New Technology, Economic Modelling, Economic Papers, Economics Bulletin, Economics Letters, Economic Systems, Economic Theory, Education Economics, Energy Economics, Environmental and Resource Economics, Environmental Modelling and Assessment, European Economic Review, Finanz Archiv, Finnish Economic Papers, International Economic Review, International Game Theory Review, International Journal of Business and Economics, International Journal of Game Theory, International Journal of the Economics of Business, International Journal of Industrial Organization, International Journal of Production Economics, International Tax and Public Finance, Japanese Economic Review, Journal of Comparative Economics, Journal of Economic Behavior and Organization, Journal of Economic Issues, Journal of Economic Dynamics and Control, Journal of Economic Geography, Journal of Economics, Journal of Economics and Management Strategy, Journal of Environmental Economics and Policy, Journal of Environmental Economics and Management, Journal of Industrial Economics, Journal of Institutional and Theoretical Economics, Journal of Optimization Theory and Applications, Journal of Public Economic Theory, Journal of Public Economics, Journal of Regulatory Economics, Journal of Technology Transfer, Management Science, Managerial and Decision Economics, Manchester School, North American Journal of Economics and Finance, Pacific Economic Review, Papers in Regional Science, Public Finance Review, Portuguese Economic Journal, RAND Journal of Economics, Regional Science and Urban Economics, Research in Economics, Research Policy, Resource and Energy Economics, Review of Economic Studies, Review of Industrial Organisation, Review of International Economics, Scientometrics, Singapore Economic Review, Southern Economic Journal.

## Research projects reviewed

Economic and Social Research Council (ESRC)  
Research Promotion Foundation of Cyprus  
The Leverhulme Trust

## External engagement

External referee for Promotion and Tenure decisions: University of Ioannina (2017, 2018, 2020, 2021), The University of Melbourne (2016), Athens University of Economics and Business (2016), University of the Peloponnese (2015), Agricultural University of Athens (2014), University of Nottingham (2014), Australian National University (2014), Lancaster University (2013), University of Cambridge (2012), University of East Anglia (2012), University of Innsbruck (2011), Aston University (2011), ETH Zuerich (2011), Queen Mary, University of London (2011), University of Sheffield (2011), University of Stirling (2010), CORE (2009, 2008), University of Leicester (2007, 2008), University of Leeds (2007), Jacobs University (2008), University of Aberdeen (2008), Kingston University (2008), Bocconi University (2007), Concordia University (2007), University of Kiel (2007), National University of Ireland (2007), University of Otago (2007), Simon Fraser University (2007), Tilburg University (2007), University of Victoria, Canada (2007), University of Western Ontario (2007), University of Hull (2006), Columbia University (2006), University of Surrey (2004, 2008).

External assessor for Chair appointments: Clarkson University, USA, 2013, University of Macedonia, Greece, 2013, 2020, Athens University of Economics and Business, Greece, 2016.

Assessor for the Australian Excellence in Research Australia (ERA), Research Evaluation Exercise, Australian Government, 2012.

External Member: National and Kapodistrian University of Athens, Athens University of Economics and Business, National Technical University of Athens, University of Macedonia, Technological Educational Institute of Crete, University of the Aegean, University of Crete, Democritus University of Thrace, University of Ioannina, University of Thessaly.

#### Invited Lectures/Invited Speaker

Keynote Speaker, Fifth International Workshop on Mixed Oligopolies, Chukyo University, Nagoya, Japan, November 2019.

Ionian University Summer School (Guest Speaker), Corfu, Greece, July 2017.

University of Aosta (Università della Val d'Aosta), December 2011.

Rimini Centre for Research in Economic Analysis (RCEA), Workshop on the Economics of Tourism, Rimini, 28 – 29 November 2011.

University of Aosta (Università della Val d'Aosta), December 2010.

GREQAM Summer School/PhD workshop, Aix-en-Provence, October 2007.

#### Organisation of workshops and conference sessions

Special session on mixed markets and the interface of private and public firms, Singapore Economic Review Conference, August 2022.

Special session on 'green' innovation and industrial organization, Singapore Economic Review Conference, August 2019.

Special (invited) session on competition between public and private firms, Western Economic Association International (WEAI), Tokyo, Japan, March 2019.

Special session on innovation and environmental economics, Singapore Economic Review Conference, August 2017.

Thematic session EAERE, Athens, June 2017.

Topics in Innovation Theory, APIC, Fukuoka, November 2016.

Workshop on the Economics of Tourism, Rimini Centre for Research in Economic Analysis (RCEA), Rimini, 28-29 November 2011. Member of the organising and scientific committee. Round panel discussion chair/member.

#### Seminars and Congresses

Papers presented to the following conferences:

SERC 2022, Singapore, August 2022

EARIE 2019, Barcelona, Spain, September 2019

WEAI 2019, Tokyo, Japan, March 2019

EARIE 2018, Athens, Greece, August 2018

WCERE 2018, Gothenburg, Sweden, June 2018

OLIGO 2018, Piraeus, Greece, June 2018

APIC 2017, Wellington, New Zealand, November 2017

EAAERE 2017, Singapore, August 2017

SERC 2017, Singapore, August 2017

EAERE 2017, Athens, Greece, June 2017

AETW 2017, Auckland, New Zealand, February 2017  
 APIC 2016, Fukuoka, Japan, November 2016  
 Workshop in Honour of Professor Richard Cornes, ANU Canberra, September 2016  
 RES Conference, Brighton, Sussex, England, March 2016  
 30th Jornadas de Economia Industrial, Alicante, Spain, September 2015  
 Singapore Economic Review Conference (SERC), Singapore, August 2015  
 APET 15, 16th Annual Conference of the Association for Public Economic Theory, Luxembourg, July 2015  
 EAERE Conference, Helsinki, Finland, June 2015  
 EARIE Conference, Milan, Italy, August 2014  
 Econometric Society Asian Meeting (AMES), Taipei, Taiwan, June 2014  
 Econometric Society Asian Meeting (AMES), Singapore, August 2013  
 Singapore Economic Review Conference (SERC), Singapore, August 2013  
 APET 13, 14th Annual Conference of the Association for Public Economic Theory, Lisbon, Portugal, July 2013  
 WEAI Pacific-Rim Biennial Conference, Tokyo, Japan, March 2013 (by invitation)  
 27th Jornadas de Economia Industrial, Murcia, Spain, September 2012  
 EARIE Conference, Rome, Italy, September 2012  
 APET 12, 13th Annual Conference of the Association for Public Economic Theory, Taipei, Taiwan, June 2012  
 Australian Conference of Economists, Melbourne, Australia, July 2012  
 Econometric Society Australasian Meeting (ESAM), Melbourne, Australia, July 2012  
 26th Jornadas de Economia Industrial, Valencia, Spain, September 2011  
 AETW 2011, Adelaide, Australia, February 2011  
 EARIE Conference, Ljubljana, Slovenia, 2009  
 Econometric Society Australasian Meeting (ESAM), Canberra, Australia 2009  
 Econometric Society Australasian Meeting (ESAM), Wellington, New Zealand 2008  
 JMA Conference, Nantes, France, 2006  
 Conference on Higher Education, Mons, Belgium, 2005  
 ASSET Meeting, Rethymno, Crete, 2005  
 EARIE Conference, Oporto, Portugal, 2005  
 JMA Conference, Hammamet, Tunisia, 2005  
 RES Conference, Nottingham, 2005  
 EARIE Conference, Madrid, Spain, 2002  
 EARIE Conference, Dublin, Ireland, 2001  
 EARIE Conference, Lausanne, Switzerland, 2000  
 EEA Congress, Bolzano, Italy, 2000  
 RES Conference, St Andrews, 2000  
 FEEM Workshop on Voluntary Approaches, Competition and Competitiveness, Milan, Italy, 2000  
 EARIE Conference, Turin, 1999  
 RES Conference, Nottingham, 1999  
 EARIE Conference, Copenhagen, Denmark, 1998  
 World Congress of Environmental and Resource Economists, Venice, Italy, 1998  
 Conference on 'Central and Eastern Europe: New Migration Space', Pultusk, Poland, 1997  
 EEA Congress, Toulouse, France, 1997  
 EAERE Conference, Tilburg, The Netherlands, 1997  
 RES Conference, Stoke-in-Trent, Staffordshire, 1997  
 Econometric Society European Meeting (ESEM), Istanbul, Turkey, 1996  
 ADRES Conference on Innovation, Strasbourg, France, 1996  
 EARIE Conference, Juan-les-Pins, France, 1995  
 RES Conference, Canterbury, Kent, 1995  
 EARIE Conference, Chania, Crete, 1994  
 International Conference on Innovation, Piacenza, Italy, 1993  
 International Conference on Merger, Oligopoly and Trade, Aix-en-Provence, France, 1990

Staff/Research seminars at Åbo Academi University (Turku), Antwerp, ANU, Auckland, Bergamo, Birkbeck College (London), Bristol, Carlos III de Madrid, Chonnam University (Gwanju), Deakin, Dundee, Glasgow, Lancaster, Manchester, Massey (Auckland), the Melbourne Institute, Monash, Nanyang Technological University Singapore (NTU), Nottingham, Queensland University of Technology (QUT), Sheffield, Stirling, Swedish School of Economics at Helsinki, ELSE/IFS University College (London), The University of Adelaide, The University of Queensland, University of South Australia, Warwick University, The University of Western Australia and University of Zurich.

## Recent Academic Visits

Department of Economics, University of Zurich, August 2019 - February 2020 and March-June 2018.

Department of Economics and Related Studies, University of York, May 2017.

GEOLAB, Ionian University, May-June 2016.

## Administrative Experience

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### At La Trobe University:

Head, School of Economics, Faculty of Business, Economics and Law (2012-2015).

Member, Academic Board (Senate) (2011 - 2020).

Member, Outside Studies Programme Committee, Faculty of Science, Technology and Engineering (2012-2015).

Chair, Selection Panel for Senior Lecturer, School of Economics (February 2013).

Chair, Selection Panel for Lecturer in Economics (2 posts) (January-February 2013.)

Member, Selection Panel for MBA Director (2012).

Member, Selection Panel for Head of School, La Trobe Business School (December 2012).

ERA FoR Lead for Economics (2017 - 2018).

Member, Research Committee, College of Arts, Social Sciences and Commerce (2016 - 2020).

Chair, School-level Faculty Education Committee, Faculty of Business, Economics and Law (2012 - 2013).

Member, Faculty Board, Faculty of Business, Economics and Law (2012-2015).

Member, Academic Staff Forum, Faculty of Business, Economics and Law (2012-2015).

Member, Outside Studies Programme Committee, Faculty of Business, Economics and Law (2012-2015).

Member, Student-Staff Feedback Committee, Faculty of Business, Economics and Law (2012-2015).

Member, Selection Panel for School of Economics and Business School Executive Administrative Posts (2011: 3 posts).

Chair, School Executive Committee, School of Economics (2012-2015).

Member, Research Committee, School of Economics (2011-2015).

Member, Teaching and Learning (Curriculum) Committee, School of Economics (2012-2015).

Member, School Operations Group, School of Economics (2012-2015).

Member, Student-Staff Feedback Committee, School of Economics (2012-2015).

At Loughborough University, Department of Economics:

Chair, Departmental Research Strategy Committee (2009 - 2010).  
Erasmus Exchange Scheme Coordinator (2008 - 2010).  
Programme Director, Undergraduate Economics Combined Honours Degrees (2008 - 09).  
Member, Departmental Teaching and Learning Committee (2008 - 2009).  
Member, Undergraduate Staff Student Liaison Committee (2008- 2009).  
Member, Departmental Reward Review Committee (2006 – 2010).  
Member, Departmental Research Strategy Committee (2004 – 2010).  
Member, Selection Panel for Lectureships (2006: 3 posts).  
Mentor to newly appointed members of staff (2004 – 2010).  
Deputy Chair, Departmental Research Strategy Committee (2006 - 2007).  
Departmental Equal Opportunities Co-ordinator (2004 – 2007).  
Member, University Equal Opportunities Co-ordinators Group (2004 – 2007).

At the University of St Andrews, Department of Economics:

Member, Departmental Research Committee (2002 - 2003).  
Departmental Seminar Organiser (2002 – 2003).

At the University of Nottingham, School of Economics:

M.A/M.Sc. Admissions Tutor (1997- 2002).  
Member, School Postgraduate Committee (1997 - 2002).  
Departmental Seminar Organiser (1994 - 1998).

## Teaching Experience

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At La Trobe University, School of Economics then Department of Economics and Finance (2011-2020):

2020: Principles of Economics (Masters, BUS1POE), Economics in a Changing World (1st year UG, BUS1ECW).  
2019: Quantitative Methods and Tools: Dynamic Optimization (Honours, ECO4QMT).  
2016-2020 : Introduction to Quantitative Analysis (1st year UG, ECO2IQA and ECO1IQN).  
2016-2018: International Trade (3rd year UG, ECO3ITR and 2nd year UG, ECO2ITR).  
On sabbatical (March 2015 - February 2016).  
2014: Directed readings (3rd and 4th year).  
2011: Economics of Industrial Organization (4th year honours).  
Research Supervision:  
Honours dissertations;  
Principal supervisor for Ph.D. candidates: Chris Paul, Mark Burkhart, Rabie Said.

At Loughborough University, Department of Economics (2004-2011):

Undergraduate:  
Principles of Microeconomics (I year); Game theory (III year).  
Graduate:  
Microeconomic Analysis; Research Practice Seminars.  
Development of New Modules:



Microeconomic Analysis (M.Sc. core module, 20 hours)  
Game Theory (B.Sc. option, 20 hours)  
Research Supervision:  
B.Sc. and M.Sc. dissertations.  
Principal supervisor for M.Phil/Ph.D. candidate:  
Vassilios Zikos, R&D, mixed markets and labour unions. Awarded PhD, March 2009.

At the University of St Andrews, Department of Economics (2002 – 2003):

Undergraduate:  
Microeconomics (I year), Quantitative Methods (II year), Advanced Microeconomics (III year), Contemporary Issues (IV year).  
Research Supervision:  
Maria Gil Molto – Visiting Ph.D Student (Spanish Education Ministry Award).

At the University of Nottingham, Department of Economics (1993 – 2002):

Lectures  
Undergraduate: Advanced Microeconomic Theory I - Economics of Innovation (III year), Mathematical Economics – Game Theory (II year), Microeconomic Theory (II year).  
Graduate: Advanced Microeconomic Theory, Microeconomic Analysis, Economic Applications of Game Theory, Microeconomic Theory.  
Classes  
Undergraduate: Advanced Microeconomic Theory (III year), Microeconomic Theory (II year), Macroeconomic Theory (II year), Public Sector Economics (II year), Eastern European Economies (II year), Growth Theory (II year), Theory of the Firm (II year), Game Theory (II year).  
Graduate: Microeconomic Analysis. Development of New Modules  
Advanced Microeconomics: The Economics of Innovation (III year option, 20 hours).  
Microeconomic Theory (M.Sc. core course, 20 hours).  
Economic Applications of Game Theory (M.Sc., M.A. option course, 20 hours).  
Microeconomic Analysis (M.A. core course, part II, 10 hours).  
Advanced Microeconomic Theory (M.Sc. option course, 20 hours).  
Research Supervision: M.Sc. and MA dissertations.  
Supervisor for the following M.Phil/Ph.D candidates:  
Khemarat Teerasuwannajak, Intellectual Property Rights: Firm and Government Cooperation, Awarded PhD, 2004.  
Mehrddad Sepahvand, Essays on mixed oligopoly, Awarded PhD, 2004.  
Piercarlo Zanchettin, Patents, market structure and endogenous growth, Awarded PhD, 2005.

At the University of Bristol, Department of Economics (1990 – 1993):

Lectures  
Undergraduate: Industrial Economics (III year), Economic Analysis – Microeconomic Theory (II year), Economic Analysis – Microeconomics (I year).  
Graduate: The Economics of Innovation.  
Classes  
Undergraduate: Economic Theory (III year), Industrial Economics (III year), Economic Analysis (II year), Economic Analysis (I year).  
Graduate: The Economics of Innovation.

## Teaching Interests

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Economics of Innovation  
Industrial Organization  
Microeconomic Theory  
Public Economics  
Applications of Game Theory to Economics  
Mathematical Economics

## Doctoral Examining

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External Examiner for J. Pereira, PhD Candidate, School of Economics, The University of Queensland, May 2017.

External Examiner for R. Humberstone, PhD Candidate, Department of Economics, The University of Melbourne, January 2011.

External Examiner for A. Tampieri, PhD Candidate, Department of Economics, University of Leicester, December 2010.

External Examiner for A. Mathew, PhD Candidate, School of Economics, University of Nottingham, December 2008.

External Examiner for A. Panagopoulos, PhD Candidate, Department of Economics, University College London, June 2005.

External Examiner for M.J Gil Molto, PhD Candidate, Department of Economics, Universitat Jaume I, Castellon, Spain, July 2004.

External Examiner for D.B. Silipo, PhD Candidate, Department of Economics, University of York, 2003.

## External Examining

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Undergraduate External Examiner in Mathematical Economics (BA), University of Manchester, 2008-2011.

Postgraduate External Examiner in Mathematical Economics (MSc), University of Manchester, 2008-2011.