

Edmond BARANES

Curriculum Vitae

Personal Data

Citizenship	French
Marital status	Married, three children
Address	Faculté d'Economie, Université de Montpellier, Rue Raymond Dugrand, CS 79606, 34960 Montpellier, Cedex 2, France
	E-mail: edmond.baranes@umontpellier.fr

Education

Ph.D (Economics) University of Paris I Panthéon-Sorbonne, supervisor Pr. Anne Perrot, 1996
Master of Economics, University of Paris I Panthéon-Sorbonne, 1991

Academic Positions

- Professor of Economics (2001-), University of Montpellier (LAMETA)
- Professor of Economics (1998-2001), University of Artois
- Associate Professor (1997-1998), University of Franche-Comté
- Research Fellow (1995-1997), University of Paris I Panthéon-Sorbonne

Visiting positions and Invitations

- Renewable and Sustainable Energy Institute, National Renewable Energy Laboratory & University of Colorado at Boulder (February and July 2013)
- University of Colorado at Boulder, Department of Economics (Feb.-Aug. 2012, April 2014, April 2017)
- Université Laval, Department of Economics, Québec (March 2016)

Professional Activity

Member of the *LABEX Entrepreneurship*, 2011-
Member of the Editorial Secretariat of *Communications & Strategies*, IDATE, 2012-
Editor, *Communications & Strategies*, IDATE, 2002-2010
Scientific Committee member, EURO CPR, ENCIP, 2002-
Laboratory of Industrial Organization, CREST-INSEE, 2000-2001
EUREQua, University of Paris I Panthéon-Sorbonne, 1997-2000

Research interests

- Energy economics
- Public policy
- Regulation
- Digital economics

Publications

Journals

1. 'Mobile access charges and collusion under asymmetry', with S. Behringer and J.C. Poudou, *Annales d'Économie et de Statistique*, n°125/126, Juin, 2017.
2. 'Mixed Bundling May Hinder Collusion', with M. Podesta and J.C. Poudou, *Research in Economics*, 70(4), 638–658, 2016.
3. 'Les défis posés par l'économie numérique aux politiques de concurrence', avec A. Cosnita-Langlais, *Réalités industrielles, Annales des Mines*, août 2016.
4. 'La neutralité de l'Internet et ses effets sur les incitations à investir', with J.C. Poudou, *Revue Economique*, 67, 153-170, 2016.
5. 'Competition between health maintenance organizations and nonintegrated health insurance markets', with D. Bardey, *Health Economics Review*, 2015.
6. 'The Interplay between network investment and content quality in the Internet', *Information Economics and Policy*, Vol.28, September 2014.
7. 'Access to natural gas storage facilities: strategic and regulation issues', with F. Mirabel and J.C. Poudou, *Energy Economics*, 41: 19-32, 2014.
8. 'Prospects for European Shale Gas', with M. Bazilian and A. Pedersen, *International Shale Gas and Oil Journal*, Vol. 1, April 2013.
9. 'Considering Shale Gas in Europe', with M. Bazilian and A. Pedersen, *The European Energy Journal*, Vol. 3, Issue 1, January, 2013.
10. 'Competition with asymmetric regulation of mobile termination charges', with C. Vuong, *Journal of Regulatory Economics*, 42: 204-222, 2012.
11. 'Collusion sustainability with multimarket contacts: revisiting HHI tests', with J.C. Poudou and F. Mirabel, *Theoretical Economics Letters*, 2(3), 307-315, 2012.
12. 'How does European termination rate regulation impact mobile operators performance?', with C. Vuong and L. Benzonì, *Review of European Economic Policy*, Vol. 46, n°6 November/December, 2011.
13. 'Ex-ante asymmetric regulation and retail market competition: Evidences from the Europe's mobile industry', with C. Vuong, *Technology & Investment*, Vol.2, n°4, November 2011.
14. 'Interactions Between Network Operators, Content Providers and Internet Intermediaries: Empirical Implications of Network Neutrality', with Antonin Arlandis, *Review of European Economic Policy*, Vol 46, N°2, March/April 2011.
15. 'Cost-based access regulation and collusion in a differentiated duopoly', with J.C. Poudou, *Economics Letters*, 106, p172-176, 2010.
16. 'Bundling and collusion in communications markets', *International Journal of Management and Networks Economics*, 2010.
17. 'Competition in Networks with Call Externalities', with L. Flochel, *Journal of Regulatory Economics*, 34:53-74, 2008.
18. 'Strategic Access to Storage and Competition in Gas', *Actualité Economique de Montréal*, 2007.
19. 'Horizontal Mergers in Internet', *Economie et Prévision*, n° 178-179, 2-3, 2007.
20. 'Concurrence et stockage stratégique dans le secteur gazier', with F. Mirabel and JC Poudou, *Economie et Prévision*, n° 178-179, 2-3, 2007.
21. 'Les logiciels libres : Un tour d'horizon des questions économiques', *Review of AIST*, July, 2007.

22. 'Energie et politique de la concurrence : Quels liens entre concentration des marchés et collusion ?', with F. Mirabel and J.C. Poudou, *La Revue de l'Energie*, 2007.
23. 'Storage and Competition in gas market', avec F. Mirabel et J.C. Poudou, *Economics Bulletin*, vol. 12, 2005.
24. 'An Economic Guide to Local Loop Unbundling', with M. Bourreau, *Communications & Strategies*, n°57, 2005.
25. 'Analysis of the vertical structure in the European gas industry', with F. Mirabel et J.C. Poudou, *Energy Studies Review*, vol.12, n°1, Fall, 2003.
26. 'Why are technological spillovers spatially bounded?', with J.P. Tropeano, *Regional Science and Urban Economics*, vol. 33, Issue 4, July, 2003.
27. 'The Relationship between Research, Innovation and Growth: Introduction', *Communications & Strategies*, Issue 48, 2002.
28. 'The Relevant Market for Television: The French Case', with D. Encaoua, *Communications & Strategies*, Issue 47, 2002
29. 'Will Broadband Lead to a More Competitive Access Market?', with Y. Gassot, *Communications & Strategies*, Issue 46, 2002.
30. 'Network Interconnection and Infrastructure Quality as a barrier to entry', with L. Flochel, *Recherches Economiques de Louvain*, n°1, vol.65, 1999.
31. 'Regulation and Networks Liberalization: The Case of Telecommunications', *Revue Française d'Economie*, vol. XIII, 4, 1998.
32. 'Networks Externalities, Technological Adoptions and Vertical Restraints : A survey', *Revue d'Economie Politique*, n°108, September 1998.
33. 'Open Network and Telecommunications', with M.H. Jeanneret, *Revue Economique*, November 1996.
34. 'Network Interconnection, Quality and Competition', with L. Flochel, *Revue Economique*, May 1996.

Chapters in Books

35. 'Neutralité du net', in Régulation des communications électroniques, ('Net Neutrality', in Regulation of Telecommunications in France) forthcoming, 2015.
36. 'Policy implications of asymmetric termination rate regulation in Europe', in Regulation performance of communication and information networks, Edited by G. Faulhaber, G. Madden and J. Petchey, Edward Elgar, 2012.
37. 'Vertical Relationships and Horizontal Mergers in Internet', with T. Cortade, *The Economics of Digital Markets*, Ed. G. Madden, Edward Elgar, 2009.
38. 'Natural gas storage and market power', *The Economics of Natural Gas Storage*, with F. Mirabel and J.C. Poudou, 2009.

Research Reports

39. Economic expert in a consortium led by Progressus Corporation and Bird & Bird for the project "Assessment of the Telecommunications policy in Mauritania and regulatory review", commissioned by the Mauritanian Regulator for Telecommunications, 2012.
40. Economic expert in a consortium led by Progressus Corporation for the project "Determining the WACC for the Tunisian telecommunications sector" commissioned by the Tunisian Regulator for Telecommunications (INT), 2011.

41. Economic expert in consortium led by TERA Consultants (Paris) and Hogan & Hartson for the project “The Future on Interconnection Charging Methods” commissioned by DG Information Society & media, European Commission, 2011.
42. Economic expert for the project ‘Access regulation to the gas storage’, commissioned by the French gas storage operator, Storengy, GDF-Suez, 2009.

Other publications

43. ‘No need to envy the French for their Internet’, TechPolicyDaily.com, December 9, 2014.
44. ‘Lessons from Europe – Regulating the Internet as a Utility Would be a Mistake’, InsideSources, July 29, 2014.
45. ‘Learn from Europe’s mistakes in crafting telecommunications laws for the future’, op-ed in the Washington Examiner, May, 2014.
46. ‘Stockage du gaz : une réglementation à revoir’, La Tribune, April, 2014.
47. ‘Des énergies renouvelables bien trop polluantes’, Les Echos, February 2013.
48. ‘Pour ou contre le gaz de schistes ?’, Les Echos, February 2011.
49. ‘Quelle justification économique du double seuil en parts de marché ?’, Journal des sociétés, July 2010.
50. ‘Commerce parallèle de médicaments : Inflexion de la jurisprudence ?’ Pharmaceutiques, March/April 2010.
51. ‘Réseaux de soins agréés : Quels effets sur la concurrence ?’, Pharmaceutiques, January, 2010.
52. ‘Donnez envie de télécharger légalement’, with W. Maxwell, Les Echos, November 2009.
53. ‘Open innovation: Introduction’, with D. Lescop, G. Madden and X. Yan, Communications & Strategies, n°74, 2nd quarter 2009.
54. ‘Un divorce risqué dans le gaz’, with F. Mirabel and J.C. Poudou, *LesEchos*, November, 2008.
55. ‘Concurrence : faire les bons choix’, with F. Mirabel and J.C. Poudou, *Le Monde*, April, 2007.
56. ‘Et si demain les Français achetaient leur gaz directement à Gazprom ? », with F. Mirabel and J.C. Poudou, *LesEchos*, March, 2007.
57. ‘Interview with Philippe Busquin, European Commissioner for Research’, with Y. Gassot, *Communications & Strategies*, Issue 47, 2002.

Working Papers and works in progress

58. ‘GDPR: Short Run Outputs vs. Long Term Welfare. Mapping the EU’s General Data Protection Regulation to Best Practices for Online Privacy’, with Roslyn Layton, April 2017.
59. ‘Renewable and non-renewable intermittent energy sources: friends and foes?’, with J. Jacqmin and J.C. Poudou (submitted), February 2017
60. ‘Merger control in two-sided markets: Is there need for an efficiency defense?’, with T. Cortade and A. Cosnita-Langlais, March 2016.
61. ‘International roaming regulation and competition in domestic markets’, mimeo, May 2016.
62. ‘Regulation, Market Structure and Product Variety: Evidence from Broadband Internet’, with Scott Savage, May, 2016.

63. ‘Modeling Modularity in the Digital Economy: Strategic moves toward convergence’, with Jonathan Libeneau et Silvia E. Calderwood, mimeo, January 2014.
64. ‘The Competitive/Cooperative Dynamic between Natural Gas and Renewable Energy’, with Kevin Doran and Adam Reed, May, 2013.
65. ‘Persuasive advertising in the pharmaceutical industry and prescription’, with D. Bardey, mimeo, 2009.

Selected Conference Presentations

15th Annual International Industrial Organization Conference, Boston, April 2017 ITS, International Telecommunications Society, 24th European Regional Conference, October 2013, Florence, Italy; TPRC, Telecommunications Policy Research Conference, September 2013, George Mason University School of Law, Arlington, Virginia; ICT Conference TELECOM Paristech – Ecole Polytechnique, Paris, October 2012; SMi Conferences, Gas Storage, London, June 2012; EuroCPR, March 2010, Brussels; International Telecommunications Society, 4th Africa-Asia-Australia Regional Conference, 2009, Perth; European Association for Research in Industrial Economics, Slovenia, 2009; The 36th Research Conference on Communication, Information, and Internet Policy (TPRC), Arlington, 2008; International Telecommunications Society, Africa-Asia-Australia Regional Conference, 2008, Perth; Royal Economic Society 2004; THOR-GDF Conference, Paris, 2004; 3rd European Congress on Economics and Management of Energy in Industry, Lisbonne, 2004; Congrès de l’AFSE, Paris, september 2003; THOR-GDF Conference, Paris, 2003 ; 30th Annual conference of the European Association for Research in Industrial Economics, Helsinki, august 2003; Journées de Microéconomie Appliquée, Montpellier, juin 2003; European Economic Association, Bolzano, august 2000; European Association for Research in Industrial Economics, Lausanne, september 2000; European Meeting of the Econometric Society, Santiago de Compostela, 1999; Journées de Microéconomie Appliquée, Marrakech, may 1997 ; Ecole de printemps d’Economie Internationale et d’Economie Industrielle, Marseille, may 1998 ; International Telecommunications Society, Stockholm, june 1998; European Economic Association, Istanbul, august 1996 ; International Telecommunications Society, Vienne, september 1996 ; Journées de Microéconomie Appliquée, Liège, june 1996 ; Congrès de l’AFSE, Paris, september 1995; Journées de Microéconomie Appliquée, Clermont-Ferrand, june 1995 ; Journée de l’AFSE, Nantes, june 1995 ; Ecole de printemps d’Economie Internationale et d’Economie Industrielle, University Aix-Marseille III, may 1995.

Teaching Experience and Research Supervision

Teaching Experience

Microeconomics, Industrial Organization, Economics of Information, Competition Policy, Regulatory Economics, Environmental Economics, Economics of Energy, Economics of Telecommunications and Internet, Economics of Networks, Risk and Insurance, Microeconomics of Banking, Health Economics

Administrative Responsibilities and Other Activities

Administrative Responsibilities

- Director of the Research Economics Department of the University of Montpellier (2016-)
- Member of the Scientific Council of the University of Montpellier (2012-)
- Member of the Administrative Council of the Department of Economics, University of Montpellier (2002-)
- Director of the Master’s program “Economics of ICT”, University of Montpellier (2009-)
- Member of the National Committee of Scientific Research, CNRS (2008- 2012)
- Director of the Master’s program “Economic Policy and Regulation”, University of Montpellier (2004-2008)
- Member of the Hiring Committee, University of Montpellier (2005-2009)

Conferences Organization

3rd Economic Analysis of Litigation Workshop, Montpellier, France, June 27-28 2016 ; Law and Economic Policy International Workshop: Antitrust for platform and network markets, Paris December 2014; EuroCPR 2013, March 2013, Brussels, EuroCPR 2012, March 2012, Brussels, Scientific Committee, ITS, 4th Africa-

Asia-Australasia Regional Conference 2009 Organizing Committee, 1st International Telecommunications Society Asia-Australasian Regional Conference, Perth, Australia, june 2003; Chairman, International Telecommunications Society European Regional Conference, Helsinki, Finland, august 2003; Organizing Committee, Journées de Microéconomie Appliquée, Montpellier, France, june 2003; Organizer, IDATE-LASER Conference, Montpellier, France, january 2003; Organizer, workshop and seminar of Health economics, CREST-LEI., 2000.

Reviewer for Academic Journals

Review of Network Economics, Information Economics and Policy, Energy Studies Review, Energy Economics, Regional Science and Urban Economics, Journal of Forecasting, Communications&Strategies, International Journal of Industrial Organization, Telecommunications Policy, Revue Française d'Economie, Revue d'Economie Politique, Revue Economique, Recherches Economiques de Louvain.