

Curriculum Vitæ

Jean-Christophe POUDOU

March 27, 2018

Personal

Born: November 26th, 1968 - Perpignan 66, France

Professional Address: Faculty of Economics, University of Montpellier, Rue Raymond Dugrand, CS 79606, 34960 Montpellier cedex 2, France

Email: jean-christophe.poudou@umontpellier.fr

Education

2003, Research Habilitation, University Montpellier 1.

1996, PhD in Economics, University Montpellier 1. Title: “Comportements d’Invention, d’Innovation et de R&D dans les Marchés de Ressources Non Renouvelables: le cas pétrolier”. Phd advisor: Jacques Percebois.

1987-1991, Academic studies in Economics, University Montpellier 1.

1987, Baccalaureat B, Social & Economics, Narbonne (Aude).

Positions

Academic

2010-, Full Professor, University of Montpellier, Faculty of Economics

1997-2009, Associate Professor, University Montpellier 1, Faculty of Economics

1996, Part-time lecturer, University Montpellier 1, Faculty of Economics

1992-1995, Doctoral research fellow, French Ministry of Research & Technology.

Research (in Montpellier)

2018- Montpellier-Researchs in Economics, EA 7491

2011- LABEX "Entreprendre".

2010-2017, Laboratoire Montpellierain d'Economie Théorique et Appliquée, UMR 5474

2002-2009, Laboratoire de Sciences Economiques de Richter, EA 2039.

1992-2001, Centre de Recherche en Economie & Droit de l'Energie.

Publications

- ✚ "The Prosumers and the Grid", with A. Gautier and J. Jacqmin, *Journal of Regulatory Economics*, 53(1), 100–126, **2018**.
- ✚ "Designing REDD+ Contracts to Resolve Additionality Issues", with M. Chiroleu-Assouline and S. Roussel, *Resource and Energy Economics*, 51, 1–17, **2018**.
- ✚ "Non-renewable and intermittent renewable energy sources: friends and foes?", with E. Baranes and J. Jacqmin, *Energy Policy*, 111, 58–67, **2017**.
- ✚ "Mobile Access Charges and Collusion under Asymmetry", with E. Baranes and S. Behringer, *Annals of Economics and Statistics*, n°127, 33-60, **2017**.
- ✚ "Equity Justifications for Universal Service Obligations", with M. Roland, *International Journal of Industrial Organization*, 52, 63–95, **2017**.
- ✚ "Mixed Bundling May Hinder Collusion", with E. Baranes and M. Podesta, *Research in Economics*, 70(4), 638–658, **2016**.
- ✚ "La neutralité de l'Internet et ses effets sur les incitations à investir", with E. Baranes, *Revue Economique*, 67, 153–170, **2016**.
- ✚ "Reforming the Postal Universal Service", with A. Gautier, *Review of Network Economics*, 13(4), 453-478, **2014** (Published Online: 10/19/2015).
- ✚ "Efficiency of Uniform Pricing in Universal Service Obligations" with M. Roland, *International Journal of Industrial Organization*, 37(November), 141–152, **2014**.

- ☑ "Access to natural gas storage facilities: Strategic and regulation issues" with E. Baranes et F. Mirabel, *Energy Economics*, 41 (January), 19-32, **2014**.
- ☑ "Collusion Sustainability with Multimarket Contacts: revisiting HHI tests" with E. Baranes et F. Mirabel, *Theoretical Economics Letters*, 2(3), 307-315, **2012**.
- ☑ "Bundling Commodities and Optional services with Nonlinear Pricing", with M. Podesta, *Recherches Economiques de Louvain*, n°2, 25-52, **2012**.
- ☑ "Contracting and Ideas Disclosure in the Innovation Process", with D. Martimort and W. Sand-Zantman, *Annals of Economics and Statistics*, n°101-102, 287-305, **2011**.
- ☑ "Contracting for an Innovation with bilateral asymmetric information" with D. Martimort and W. Sand-Zantman, *Journal of Industrial Economics*, 58(2), 324-348, **2010**.
- ☑ "Optimal regulation of price and R&D expenditure in natural monopolies with asymmetric information" with L. Thomas, *Review of Economic Design*, 14(3), 251-269, **2010**.
- ☑ "Cost-based access regulation and collusion in a differentiated duopoly" with E. Baranes, *Economics Letters*, 106(3), 172-176, **2010**.
- ☑ "Universal Service Obligations and Competition with Asymmetric Information" with M. Roland, L. Thomas *The B.E. Journal of Theoretical Economics*, Topics, 9(1), Article 35, **2009**.
- ☑ "Universal Service Obligations: The Role of Subsidization Schemes", with F. Mirabel and M. Roland, *Information Economics and Policy*, 21, 1-9, **2009**.
- ☑ "Accès Stratégique des Tiers au Stockage et concurrence dans le secteur gazier" with E. Baranes and F. Mirabel, *L'Actualité Economique*, 83(1), 37-53, **2007**.
- ☑ "Concurrence et Stockage Stratégique sur le marché gazier" with E. Baranes and F. Mirabel, *Economie et Prévision*, 178-179 (2-3), **2007**.

- ☑ "Innovation et effet de remplacement du monopole: le cas des ressources non renouvelables", *Recherches Economiques de Louvain*, 73 (1), 55-75, **2007**.
- ☑ "Energie et politique de la concurrence: quels liens entre concentration des marches et collusion ?" with E. Baranes, F. Mirabel, 577, 149-156, *Revue de l'Energie*, **2007**.
- ☑ "Optimal resource extraction contract with adverse selection", with N. M. Hung and L. Thomas, *Resources Policy*, 31, pp. 78-85, **2006**
- ☑ "Storage and Competition in gas market" with E. Baranes and F. Mirabel, *Economics Bulletin*, Vol. 12, No. 19 pp.1-9, **2005**.
- ☑ "Mechanisms of Funding for Universal Service Obligations: the Electricity Case", with F. Mirabel, *Energy Economics*, 26, pp.801-823, **2004**.
- ☑ "Une analyse économique de la structure verticale sur la chaîne gazière européenne" with E. Baranes and F. Mirabel, *Energy Studies Review*,.vol. 12, n°1, Fall, pp. 27-52, **2003**.
- ☑ "Le financement des missions de service public dans un marché électrique déréglementé: le cas du développement de l'électricité verte ", with F. Mirabel and J. Percebois, *Revue de l'Energie*, n°529, p. 433-443, **2000**.
- ☑ "Concession minière et asymétrie d'information", with L. Thomas, *Economie et Prévision*, 143/144 (2-3), p. 129-138, **2000**.
- ☑ "Régulation et organisation industrielle gazière: analyse comparative de scénarios institutionnels prospectifs", with J. Bezzina, *Revue de l'Energie*, n°499, p. 408-419, **1998**.
- "R&D et innovations technologiques au sein d'un marché monopolistique d'une ressource non renouvelable", *Economies et Sociétés*, série W, n°7/8, p. 5-40, **1998**.

Books and monographs

- ✍ "Optimisation pour l'Analyse Economique et les Sciences de Gestion" with L. Thomas aux éditions De Boeck. **2011**.
- ✍ "Natural Gas Storage and Market Power" with E. Baranes and F. Mirabel, in *The Economics of Natural Gas Storage*, sous la direction de A. Creti, Springer, **2009**.
- "Impacts des activités de R&D, d'Invention et d'Innovation des producteurs de pétrole sur les prix de la ressource", Chap. 2, p. 65-109, in *Energie et théorie économique, à propos de quelques débats contemporains*, sous la direction de J. Percebois, Ed. Cujas, **1997**.
- "Comportements d'Invention, d'Innovation et de R&D dans les Marchés de Ressources Non Renouvelables: le cas pétrolier" Thèse de doctorat (Sciences Economiques). U. Montpellier 1, 740 f. ; 30 cm, **1996**.

Working papers in series

- "Internet access and investment incentives for broadband service providers", with E. Baranes DR LAMETA, n° 2011-09
- ✍ "Funding for Universal Service Obligations in Electricity Sector: the case of green power development", with P. Favard, F. Mirabel, CR CREDEN, n° 02.07.33.
- "Innovation et Ressource Non Renouvelable : Solutions du duopole dynamique pétrole vs backstop", *mimeo*.
- ✍ "Efforts d'innovations technologiques dans l'oligopole minier", CR CREDEN, n° 02.06.28.

Work in progress, mimeos.

- "Public Policies against Energy Poverty in Deregulated Markets", with M. Podesta & M. Roland, first version 2017.

Non academic (French newspapers)

- "Un divorce risqué dans le gaz en France" with E. Baranes and F. Mirabel, Les Echos, 03 Novembre **2008**.
- "Concurrence: faire les bons calculs" with E. Baranes and F. Mirabel, Le Monde Economie, 03 Avril **2007**.
- "Electricité verte: faut-il instaurer une contribution volontaire ?" with F. Mirabel and J. Percebois, Energies News (Les Echos), n 19, p10-11, **2001**.

Seminars and Conferences

2018: Seminar Matuszewski (March 23th. University Laval, Québec). **2017:** Workshop CEEM (6th March, U. Paris-Dauphine), 34th Conference of Applied Microeconomics (JMA, June 1-2th, Le Mans), Eleventh Conference on Energy and Climate Change (6-7 Juin, Toulouse). **2016:** Seminar at GAEL (December 15th, Grenoble), 3rd Annual Conference of FAERE (September 8-9th, Bordeaux), 33th Conference of Applied Microeconomics (JMA, June 1-3th, Besançon), 65th Annual Congress of AFSE (27-29th June, Nancy). **2015:** Seminar at CREM (January 26th, Caen), Workshop "A New eye on competition economics and policy" (February 10th, MSE, Paris 1), Seminar at CREM (February 12th, Rennes). **2014:** Seminar at CRESE (January 17th, Besançon), 31th Conference of Applied Microeconomics (JMA, June 4-5th, Clermont-Ferrand), EEA 29th Annual Congress (25-29th August, Toulouse). **2013:** 40th Conference of the EARIE (September 3-6th, Evora), 30th Conference of Applied Microeconomics (JMA, June 6-7th, Nice), **2012:** Seminar PERENE (April 6th, INRA, Montpellier). **2010:** Seminar at CREPP- HEC-ULg (april 18th, U. de Liège). **2009:** 26th Conference of Applied Microeconomics (JMA, June 4-5th, Dijon), 36th Conference of the EARIE (September 3-6th, Ljubljana). **2008:** Seminar of Department of Economics (april 18th, U. Laval, Québec), 3rd Conference on the Economics of Information and Communication Technologies (June 19-20th, Paris). **2007:** 34th Conference of the EARIE (September 6-9th, Valencia), 56th AFSE Congress. (September 19-21th, Paris), Seminar "Gas Storage Workshop-IEFE" (October 28th, U. L. Bocconi, Milan). **2006:** 4th International Conference of MONDER Network (January 08-11th, Martigny, Switzer-

land), 61th European Meeting of the Econometric Society, (August 24-28th, Wien), 10th INFER Workshop on Economic Policy, "Competition in Deregulated and/or Privatized Industries" (October 20-21th, Montpellier), Seminar of UMR GAEL-INRA (November 24th, Grenoble). **2005**: 20th Annual Congress of the European Economic Association, (August 24-27th, Amsterdam). **2004**: 2th Conference THOR-GDF (March 19th, Paris), AFSE Meeting, (May 18-19th, Rennes), Seminar at CRESE (June 4th, Besançon), Annual Conference of the EARIE (Septembre 2-5th, Berlin), 4th International Conference of MONDER Network (September 12-15th, Québec), Seminar "Industrial Economics and Sectorial Policies" organized by CREST-LEI and the French Ministry of Economic, Finance and Industry, (Septembre 31th, Paris). **2003**: 20th Conference of Applied Microeconomics (JMA, June 5-6th, Montpellier), 12th Annual Conference of EAERE (June 28-30th, Bilbao), Annual Conference of the EARIE, (August 24-26th, Helsinki), Annual Meeting of the European Economic Association (August 20-24th, Stockholm), 52th Annual Congress of AFSE (Septembre 18-19th, Paris), 4th International Conference of MONDER Network (November 22-26th, Buenos Aires), Seminar JOCS, (LAMETA-INRA, Montpellier). **2001**: PIREE International Conference "Environmental Economics, Tools for Environmental Policies" (IDEFI, April 5-6th, Sophia-Antipolis), 18th Conference of Applied Microeconomics (JMA, June 7-8th, Nancy), 1st International Conference of MONDER Network (June 10-13th, Paris), 12th Annual Conference of EAERE (June 28-30th, Southampton) et 50th Annual Congress of AFSE (September, Paris). **2000**: 4th Green-Cirano Meeting, "Land Use, Institutions and Environmental Policy" (November 17-18th, Montréal) et LASER Workshop "Public Policies: Tools and Economic implications" (September 29th, Montpellier). **1999**: PIREE International Conference, "Environmental Economics" (December 2-3th, Strasbourg), Seminar in Environmental Economics (LEERNA, U. Toulouse 1), AFSE Meeting in Economics of Innovation (May 20-21th, Nice). **1997**: AFSE Meeting in "Economics of Natural Resources and the Environment" (May 11-12th, Toulouse). **1998**: International Conference "Mutations de l'Industrie Électrique et Gazière en Europe et aux Etats-Unis" (November 17-19th, Montpellier). **1996**: 11th GREEN Meeting (15-16th, Québec) and Seminar Matuszewski (November 21th. University Laval, Québec).

Research Activities and Duties

- **Research Studies**, Training for IEPF - ANRGN (February 25-27th 2003, Bucarest) World Bank, "Energy Sector Development Study for the Islamic Republic of Iran, Energy Pricing,(Teheran, with J. Percebois, 2000). Study for Commissariat Général du Plan (French Advisor Council) "Normative Value of Depletion for Fossil Energy Resources" (in coll. with J. Percebois, 1998). Report for the European Commission "Employment and Social Security Contributions: an applied microeconomic approach".
- **Research Contracts**: Gaz De France, European Agency for Reconstruction (Thales Consulting), Orange Labs, Storengy.
Participant to the Project ANR-14-CE05-0008 on "Sustainably REDucing energy poVerty".
- **Research Responsibilities**: **2018-**: Scientific director for the POTEM project on "Peer-to-peer Platforms for sustainable energy and mobility" (40 K€) funded by MUSE, University of Montpellier.
- **PhD Students**. Marion Podesta " Bundling and competition in energy sectors "(defended June 22th, 2009. Currently assistant professor at University of Perpignan, France); Vanessa Valero "Public-Private Partnerships "(co-direction, defended Nov. 14th, 2011. Currently researcher at the Chair of Behavioral Economics at the University of Zurich), Benjamin Mortet "Equity and Industrial Organization: The case of Universal Service "(co-sup., defended December 16th, 2015. Currently Economist at Powercast, Paris), Raluca Pavel "Tax Compliance Dynamics: Theoretical and Empirical Evidence"(co-sup., defended December 11th, 2015. Currently consultant, Paris), Sylvain Hours "Regulation of potentially social-harmful innovations" (co-sup, defended December 9th, 2016. Currently at teacher at Xi'an International High School.).
- **Editorial duty**
Editor for the *International Journal of Energy Technology and Management* .
- **Referee activities**
Actualité Economique, Annals of Public and Cooperative Economics, B.E. Jour-

nal of Theoretical Economics, Economie et Prévision, Economics Bulletin, Economics of Energy & Environmental Policy, Energy Economics, Energy Journal, Energy Policy, Energy Studies Review, Entreprise & société, European Journal of Law and Economics, Information Economic and Policy, International Journal of Industrial Organization, International Journal of Sustainable Development, Journal of Economic Behavior & Organization, Journal of Economic Theory, RAND Journal of Economics, Recherches Economiques de Louvain, Revue d'Economie Industrielle, Revue d'Economie Politique, Revue Economique, Research in Economics, Resource and Energy Economics.

Teaching

- **At University of Montpellier (1997-)**

Economics of Intellectual Property, Stochastic Calculus, Theory of Incentives and Contracts, Microeconomics of R&D and Innovation, Natural Resource Economics, Theories of Industrial Organization, Applied Industrial Organization (Energy, Transports, ICT), Static and Dynamic optimization, Mathematical Economics, Applied Mathematics, Applied Game Theory, Microeconomics, Methodology of Modeling, Public Economics, Economic Principles, Agricultural and Food Economics, Introduction to LaTeX.

- **At Institut Supérieur de l'Aéronautique et de l'Espace, SUPAERO, Toulouse.**

Applications of Optimization for Economic Analysis, 1st year, (20h), **2009-2015.**

Introduction to Industrial Economics and Game Theory, 1st year (20h) **1999-2008.**

- **At Ecole Nationale Supérieure des Mines de Paris, Nice.**

Applied Industrial Economics: Energy Sectors, Mastère Optimisation des Systèmes Energétiques (20 h), **2000-2010.**

Introduction to Economic Analysis, Module d'intégration (6 h), **2004-2005.**

- **Visiting Professor** at the Asian Institute of Technology, Bangkok, Thailand, Energy Program, (School of Environment, Resources & Development), **1998.**

Academic and Administrative Duties

- **Pedagogy**

Vice-director of the Master program "Industrial Economics and Networks", Faculty of Economics, U. Montpellier, **2015-**.

Director of the Master program "Public Choice, Political Economy and Networks", Faculty of Economics, U. Montpellier 1, **2008-2014**.

Pedagogic director of the Academic Program in "Econometrics", U. Montpellier 1, **1998-2002**.

- **Academic**

Nominated President of an Academic Selection Committee (for hiring an assistant professor), Economics, U. Montpellier **2016**.

Elected member of the Economics Section Board, U. Montpellier 1, **2009-2011**.

Elected member of the Faculty of Economics Council, U. Montpellier 1, **2006-**.

Nominated member of the Academic Selection Committee, UFR SJPEG of Besançon (UFC), **2004-2007**.

Elected member the Permanent Academic Selection Committee, Faculty of Economics, U. Montpellier 1 Vice-president, **2004-2008**.

Elected member the Academic Selection Committee, Faculty of Economics, U. Montpellier 1, **2010** and **2013**.

Elected member the Academic Selection Committee, Faculty of Economics, U. Franche-Comté, **2013**.

Elected member of the Scientific Council of LAMETA, **2010-2014**

Elected member of the Scientific Council of the U. Montpellier 1 (Assistant Professor college) **2001-2003**.

In charge of the "Young Researchers" Seminar of the Faculty, **2004-2007**.

- **Administration**

Faculty correspondant for the Direction of Computer Services of the University Montpellier 1, **2009-**.

Webmaster of academic websites (Faculty and lab), **2003-**.

Honors and Prize

"Excellence Scientifique" Bonus, University Montpellier 1 since **2010-2014**.

"Encadrement Doctoral et de Recherche" Bonus, University Montpellier 1, **2006-2009**.

PhD Prize, University Montpellier 1, **1996**.