

# CURRICULUM VITAE

**Farid GASMI**

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## ➤ CONTACT

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## ➤ EDUCATION

1995	Agrégation de l'enseignement supérieur en économie, France.
1993	Habilitation à diriger des recherches en économie, UT1.
1988	Ph.D. in economics, California Institute of Technology (CalTech), Pasadena, CA, USA.
1984	M.S. in economics, CalTech, Pasadena, CA, USA.
1981	Maitrise en économétrie, Université d'Alger, Algérie.

## ➤ RESEARCH AREAS

Applied Industrial Organization, Econometrics, and Development Economics.

## ➤ PROFESSIONAL EXPERIENCE

- 2009 (summer) Visiting Research Fellow, The World Bank, Washington, DC, USA.  
2007 → Researcher at the Atelier de Recherche Quantitative Appliquée au Développement Economique (ARQADE), UT1, France.
- 2006 (summer) Visiting Research Fellow, The World Bank, Washington, DC, USA.  
2004 (summer) Visiting Research Fellow, Public Utility Research Center (PURC), University of Florida, Gainesville, FL, USA.
- 1999 → Professor of Economics, UT1, France.  
1998 (summer) Invited Professor, University of Southern California (USC), Los Angeles, CA, USA.
- 1996 - 1998 Professeur d'économie, Université de Bretagne Occidentale (UBO), Brest, France.
- 1990 → Researcher at the Institut D'Economie Industrielle (IDEI), UT1, France.  
1993 - 1995 Maître de conférences, UT1, France.  
1993 - 2007 Researcher at the Groupe de Recherche en Economie Mathématique et Quantitative (GREMAQ), UT1, France.
- 1992 - 1993 Invited researcher at the Institut National de la Recherche Agronomique (INRA), Toulouse, France.
- 1988 - 1992 Member of Technical Staff, Bell Communications Research (Bellcore), NJ, USA.
- 1983 - 1988 Graduate Research Assistant and Graduate Teaching Assistant, Caltech, Pasadena, CA, USA.
- 1983 (summer) Research Intern, Congressional Budget Office, Washington, DC, USA.

## ➤ TEACHING EXPERIENCE

- 2007 → Econométrie (L3-TSE, UT1)  
2007 → Economie industrielle (L3-TSE, UT1)  
2007 → Applied econometrics (M1-TSE, UT1)  
2003 → Economie industrielle (L3-Science Eco, UT1)  
2004 → Industrial economics (M1-Science Eco, UT1)  
2000 - 2007 Tarification non linéaire (DESS Stat et Econométrie, UT1)  
1998 Econometrics (Senior, USC)  
1996 – 1999 Economie industrielle appliqué (Maitrise-Science Eco, UBO-Brest)  
1996 – 1999 Economie industrielle (Licence-Science Eco, UBO-Brest)  
1996 – 1999 Economie industrielle avancée (DEA-Eco des Ressources, U de Rennes)  
1996 – 1999 European economic policy (Licence-Science Eco, UBO, Quimper)  
1996 – 2006 Econometrics (DEA-Ecole doctorale d'économie, TSE, UT1)  
1993 – 2006 Economie industrielle (Licence-Ingénierie économique, UT1)  
1993 – 2006 Econométrie (Licence-Ingénierie économique, UT1)  
1993 – 1995 Modélisation économique (Maîtrise-Science Eco, UT1)  
1994 – 1995 Microéconomie (Ecole Nationale d'Aviation Civile (ENAC), Toulouse)  
1993 – 1994 Introduction à la microéconomie (Deug-Science Eco, UT1)  
1988 Corporate Finance (with M. Kamien, CalTech)  
1984 – 1985 Economic Principles (with C. Plott, CalTech)  
1985 – 1986 Demography and Economic Development (with A. Sweezy, CalTech)  
1983 – 1984 Intermediate Microeconomics (with J. Quirk, CalTech)

## ➤ ORGANIZATION OF CONFERENCES

- 1996 - 2004 Bi-annual INRA-IDEI conferences on *The Industrial Organization of The Food-Processing Industry*, UT1, France.
- 1998 CIRANO-IDEI-PURC conference on *New Challenges in Network Industries*, UT1, France.
- 1998 & 1999 Conferences on *Applied Public Economics*, UBO, France.
- 1996 - 2004 INRA-IDEI Seminars (two per year) on *IO in the food industry*, UT1, France.
- 1992 First IDEI International Conference on *Incentive Regulation*, UT1, France.

## ➤ OTHER ACTIVITIES

- 1988 → - Served as a co-editor for *Journal of Economics and Management Strategy*, and as a referee for *The Rand Journal of Economics*, *Journal of Econometrics*, *Management Science*, *Journal of Public Economics*, *Annales d'Economie et de Statistique*, *Southern Economic Journal*, *Journal of Economics*, *Telecommunications Systems*, *Economie Appliquée*, *Managerial and Decision Economics*, *International Journal of Technology and Globalization*, *Oxford University Press*, and *Papers in Regional Science*.
- Member of the American Economic Association and the European Economic Association.
- 1992 → - Consulting activity (internal to IDEI, Toulouse) in the areas of industrial organization and regulation of infrastructure industries for France Telecom, CNET, EDF-GDF, Paris, the European Union, Brussels, the World Bank, DC, the Ministère des Participations et de la Promotion des Investissements), Alger, and the Instance Nationale des Télécommunications, Tunis.
- 1988 - 1992 - Applied research activity (internal to Bellcore, NJ, USA) for the Regional Bell Operating Companies.
- 1998 - 2000 - Member of the Commission Scientifique Spécialisée en économie, INRA, Paris.
- 2003 - Training in Regulation at the Autorité de Régulation de la Poste des Télécommunications and Ministère de la Participation et de la Promotion des Investissements et Ministère du Commerce, Alger; Centre d'Etudes de Politiques pour le Développement, Dakar ; Université d'Abidjan.
- 2003 → - Director of the Post-Graduation Spécialisée in *Economics of Infrastructure Industries* at the Institut National de la Poste et des Technologies de l'Information et de la Communication, Alger
- 2003 → - Member of the Conseil Scientifique of the Centre de Recherche en Economie Appliquée pour le Développement (CREAD), Alger.
- 2004 - Member of the Commission d'Evaluation of the Laboratoire d'Organisation Industrielle Agroalimentaire (LORIA), INRA, Paris.
- 2009 → - Director of the Master's degree *Economics of Markets and Organisations* (Research & Professional) at TSE, UT1.
- 2009 - Member of the Jury du concours d'agrégation d'économie du Conseil Africain et Malgache pour l'Enseignement Supérieur (CAMES), Cotonou.

## ➤ THESES SUPERVISION

- 2005 *Essays on Regulation of Regional Gas Markets*, Juan-Daniel Oviedo, UT1.  
2006 *Essays on the Economics of Antidumping*, François Tandé, Université de Rennes 1.  
2007 *Telecommunications Reforms in Developing Countries: The Role of Markets and Institutions*, Laura Recuero Virto, UT1.  
2007 *Financial Sector Reforms in Developing Countries*, Lika Ba, Ecole des Hautes Etudes en Sciences Sociales, Paris [Ongoing]

## ➤ SEMINARS AND PARTICIPATION TO CONFERENCES

- 2009 Conference on Infrastructure Regulation (Hong Kong, China)  
2008 Advanced Workshop in Regulation and Competition (Monterey, CA, USA)  
2007 Conference on Competition and Regulation (Corfou, Greece)  
2007 CSSA Conference on Security of Supply in Europe: Policy for Gas and Nuclear Power (Cambridge, UK)  
2005 Conference on Universal Access in Telecoms (Ouagadougou, Burkina Faso)  
2005 World Congress of the Econometric Society (London, UK)  
2005 Conference of the European Economic Association (Amsterdam, Netherlands)  
2003 Conf of the European Association of Industrial Economics (Helsinki, Finland)  
2003 Conference on Electricity (Toulouse, France)  
2003 Seminar at the Université de Rennes 1, France  
2002 Conference on Promoting Competition in Regulated Markets (Lima, Peru)  
2002 Annual Congress of the European Economic Association (Venice, Italy)  
2002 Conf on Information and Communication Technology (Algiers, Algeria)  
2001 Conf on Régulation des Infrastructures dans les PVD (Abidjan, Ivory Coast)  
2001 Conference on Cost Allocation in Telecommunications (Séoul, South Korea)  
2001 Conf on Competition and Univ Service in the Postal Sector (Toulouse, France)  
1999 European Economic Association Summer School (Toulouse, France)  
First Macroeconomics Seminar (Toulouse, France), Conf on The Economics of Internet (Toulouse, France), Conf on Econometrics of Price and Product Competition (Toulouse, France)  
1999 Conf of the International Telecommunications Society (Turin, Italy)  
1999 Conf on Cost Models and Incentive Regulation in Competitive Networks (Lisboa, Portugal)  
1999 Journées de Micro-économie Appliquée (Lyon, France)  
1999 Conf on Economics of Networks (Rotterdam, Netherlands)  
Seminar at the Université Evry-Val-Essonne, France  
1998 Conf on Foundations of Competition Policy Analysis (Oslo, Norway)  
Conf of the International Telecommunications Society (Stockholm, Sweden)  
1997 Seminar at the Ministry of Finance (Paris, France)  
Seminar at the World Bank (Washington, D.C., USA)  
Seminar at the London School of Economics (London, UK)  
Seminar at the University of New Mexico, (Albuquerque, NM, USA)  
Seminar at the University of New York at Stony Brook (New York, USA)  
N American Summer Meeting of The Econometric Society (Pasadena, CA, USA)  
Telecommunications Policy Research Conference (Alexandria, VA, USA)  
Conference on Applied Public Economics (Brest, France)  
1996 International Telecommunications Society Conference (Boulder, CO, USA)  
1995 World Congress of The Econometric Society (Tokyo, Japan)  
1992 International Telecommunications Society Conference (Sydney, Australia)  
1990 World Congress of The Econometric Society (Barcelona, Spain)

## ➤ PUBLICATIONS

### ARTICLES

- 1987 "Endogenous Agenda Formation in Three-Person Committees", with J. Banks, *Social Choice and Welfare*, 4: 133-152.
- 1990 "Un Premier Modèle pour le Marché Français du Vidéotex", avec A. de Fontenay et Q. Vuong dans *Innovation, Dérèglementation et Concurrence dans les Télécommunications*, par L. Benzoni and J. Hausman, Editions Eyrolles, Paris, 263-275.
- 1990 "A Structural Approach to Empirical Analysis of Collusive Behavior", with J.J. Laffont and Q. Vuong, *European Economic Review*, 34: 513-523.
- 1991 "An Econometric Analysis of Some Duopolistic Games in Prices and Advertising", with Q. Vuong dans *Advances in Econometrics: Econometric Methods and Models for Industrial Organization*, by R. Rhodes and T. Fomby, JAI Press Inc., pp. 225-254.
- 1992 "Econometric Analysis of Collusive Behavior in a Soft Drink Market", with J.J. Laffont and Q. Vuong. *Journal of Economics and Management Strategy*, 1(2): 277-311.
- 1994 "Rent Extraction and Incentives for Efficiency in Recent Regulatory Proposals," with M. Ivaldi and J.J. Laffont. *Journal of Regulatory Economics*, 6: 151-176.
- 1995 "Long Distance Competition in The U.S.: A Pandora's Box," with E. de Fontenay. *Communications & Strategies*, 18: 77-96.
- 1997 "Incentive Regulation and The Cost Structure of The Local Telephone Exchange Network," with J.J. Laffont and W.W. Sharkey. *Journal of Regulatory Economics*, 12: 5-25.
- 1997 "Une Analyse Empirique des Décisions en Matière d'Antidumping aux Etats-Unis," avec W.L. Hansen et J.J. Laffont. *L'Actualité Economique, Revue d'Analyse Economique*, Montréal, Canada, 73: 423-456.
- 1998 "A Technico-Economic Methodology for The Analysis of Local Telecommunications Markets," with J.J. Laffont and W.W. Sharkey in *Telephony, The Internet, and The Media*, by J.K. MacKie-Mason and D. Waterman, Lawrence Erlbaum Associates, Publishers, pp. 15-36.
- 1998 "Evaluation Empirique de la Réglementation du Service de Téléphone Local : Une Méthodologie Technico-Economique," avec J.J. Laffont et W.W. Sharkey. *Sciences de la Société*, No. 43.
- 1999 "Empirical Evaluation of Regulatory Regimes in Local Telecommunications Markets," with J.J. Laffont and W.W. Sharkey. *Journal of Economics and Management Strategy*, 8(1): 61-93.
- 1999 "Network Industries and Public Service," collective report by the Institut D'Economie Industrielle, Université des Sciences Sociales de Toulouse, *European Economy*, No 4.
- 2000 "Strategic Nonlinear Pricing," with M. Moreaux and W.W. Sharkey. *Journal of Economics*, 71(2): 109-131.
- 2000 "Competition, Universal Service and Telecommunications Policy in Developing Countries," with J.J. Laffont and W.W. Sharkey. *Information Economics & Policy* 12(3): 221-248.
- 2001 "Universal Service : An Economic Perspective," with H. Cremer, A. Grimaud and J.J. Laffont. *Annals of Public and Cooperative Economics*, 72(1): 5-43.
- 2002 "Strategic Cross-Subsidies and Vertical Integration in Opening Telecommunications Markets, " with J.J. Laffont and W.W. Sharkey. *Seoul Journal of Economics*, 3: 323-350.
- 2002 "Provision of Universal Service for Telecommunications in Densely Populated Developing Countries, " with J.J. Laffont and W.W. Sharkey, in R. Dossani (ed.), *Telecommunications Reform in India*. Quorum Imprint, Greenwood.

- 2002 "The Natural Monopoly Test Reconsidered : An Engineering Process-Based Approach to Empirical Analysis in Telecommunications," with J.J. Laffont and W.W. Sharkey. *International Journal of Industrial Organization*, 20(4): 435-459.
- 2003 "Access to Pipelines for Competitive Gas Markets," with H. Cremer and J.J. Laffont. *Journal of Regulatory Economics*, 24(1): 5-33.
- 2005 "Jean-Jacques Laffont et l'Economie Appliquée," avec N. Meddahi et Q.H. Vuong. *Revue d'Economie Politique*, 3: 309-336.
- 2005 "Introduction," Special issue on Industrial Organization and the Food Industry with P. Dubois. *Journal of Economics and Management Strategy*, 14(4): 775-778.
- 2005 "Telecommunications Technologies Deployment in Developing Countries-Role of Markets and Institutions," with L. Recuero Virto. *Communications & Strategies*, 58: 19-41.
- 2008 "Un Instrument de Court Terme pour Stimuler la Concurrence: Le Gas Release," avec C. Chaton, M.L. Guillerminet et J.D. Oviedo. *Revue économique*, 59: 475-486.
- 2008 "The Role of Institutional Design in The Conduct of Infrastructure Industries Reforms: An Illustration Through Telecommunications in Developing Countries," with P. Nomba and L. Recuero Virto. *The Southern African Journal of Information and Communication*, 9: 4-16.
- 2009 "Political Accountability and Regulatory Performance in Infrastructure Industries: An Empirical Analysis," with P. Nomba and L. Recuero Virto. *The World Bank Economic Review*, 23(3): 509-531.
- 2009 "Investment in Transport Infrastructure, Regulation, and Gas-gas Competition," with J.D. Oviedo. *Energy Economics*, doi:10.1016/j.eneco.2009.10.008.
- 2009 "The Determinants and Impact of Telecommunications Reforms in Developing Countries," with L. Recuero Virto. *Journal of Development Economics*, doi:10.1016/j.jdeveco.2009.09.012.

#### BOOKS

- 1985 Translation into French of *Social Choice and Democracy*, Springer-Verlag par N. Schofield.
- 2003 *Cost Proxy Models and Telecommunications Policy: A New Empirical Approach to Regulation*, with D.M. Kennet, J.J. Laffont and W.W. Sharkey. MIT Press. Translated in Chinese.

#### OTHERS

- 2004 *Body of Knowledge on Utility Regulation*, with M. Jamison, S. Berg, and J.I. Tavara. The World Bank. Available on line on the PURC site.

#### ► WORKING PAPERS

- "Does Political Accountability Matter for Infrastructure Regulation? The Case of Telecommunications," with P. Nomba and L. Recuero Virto, 2009. Forthcoming in Volume *Infrastructure Regulation: What Works, Why, and how do we Know it? Lessons from Asia and Beyond*.
- "An Empirical Analysis of Cellular Demand in South Africa," with M. Ivaldi and L. Recuero Virto, 2008. Under review by *Information Economics and Policy*.
- "Qualité Institutionnelle et Performance Economique: Cas des Télécommunications Dans les Pays en Voie de Développement," with R. Belaïd and L. Recuero Virto, 2008. Forthcoming in *Revue d'Economie du Développement*.
- "Gas Release and Transport Capacity Investment as Instruments to Foster Competition in Gas Markets," with C. Chaton, M.L. Guillerminet, and J.D. Oviedo, 2008.
- "Controlling Regional Monopolies in the Natural Gas Industry: The Complete Information Case," with J.J. Laffont and J.D. Oviedo, 2005.
- "Regulation of Regional Monopolies in Natural Gas Markets," with J.D. Oviedo, 2005.

- "Lobbying in Antidumping," with E. Malin and F. Tandé, 2004.

➤ **OTHER UNPUBLISHED MANUSCRIPTS**

- 1995 "Towards The Endogenization of Firms' Costs in Empirical Studies of Technology," with W.W. Sharkey, IDEI.
- 1990 "Cross-Country Analysis of Electronic Information Services Markets," with A. de Fontenay, D. Lehman and M. Shugard, Bellcore.
- 1989 "Gateway Economic Model- Phases I & II," with A. de Fontenay, M. Shugard and P. Srinagesh, Bellcore.
- 1988 *Econometrics of Duoplistic Games in Prices and Advertising : The Case of The U.S. Soft Drink Industry*, PhD Thesis in economics (under the supervision of Q.H. Vuong), CalTech.
- 1984 "Rational Expectations and Econometric Implications: A Synthesis," CalTech.
- 1984 "Conflict Among Criteria for Testing Independence in Contingency Tables," CalTech.

➤ **WORK IN PROGRESS**

- "The Impact of Privatization of Fixed-line Telecommunications Operators on Network Expansion, Tariffs, and Efficiency," with A. Maingard, P. Nomba, and L. Recuero Virto.
- "The Role of Financial Sector Reforms in The Conduct of Infrastructure Sectors' Reforms in Developing Countries - The Case of Electricity," with L. Ba and P. Nomba.
- "The Empirics of Lobbying in Antidumping," with W. Hansen and F. Tandé.
- "Regional Monopoly Power in Gas Commodity Markets-A review," with J.D. Oviedo and P. Sotkiewicz.
- "Structuration of Privatization Institutions in Developing Countries," with A. Faure Grimaud and A. Gliz.