

Stéphane VIGEANT

5, rue Louise Michel
59184 Sainghin-en-Weppes
France

+33 3 20 16 01 73 (home)
+33 3 20 33 63 56 (office)
+33 6 78 81 44 35 (cell)
E-mail: Stephane.Vigeant@univ-lille.fr
H Index : 10

Citizenship: Canadian and French

EDUCATION

- 1994-1997** Ph. D. Economics at Université du Québec à Montréal. Thesis title « *L'interaction entre l'investissement et les changements d'environnement des firmes du secteur manufacturier canadien* ». (Interaction between investment and environmental changes for Canadian manufacturing firms.)
Committee members: Pierre Ouellette (supervisor), Pierre Fortin, Pierre Mohnen and Camille Bronsard. Thesis defended with honour A+ on March 20th 1997. Field *comprehensive* exam in resource and environmental economics.
- 1988-1993** All but thesis at the University of British Columbia. Comprehensive exams in microeconomics, macroeconomics, public economics and econometrics.
- 1987-1988** M. Sc. Economics, Université du Québec à Montréal.
- 1983-1986** B. Sc. in economics, Université du Québec à Montréal.

EXPÉRIENCES PROFESSIONNELLES

- Since 2010** Senior Professorial Fellow, IESEG School of Management.
- Since 2008** Professor, Institut des sciences économiques et du management, Faculté des sciences économiques, sociales et du territoire, Université de Lille. Laboratoire LEM (UMR 9221).
- 2004-2008** Professeur associé, Institut des sciences économiques et du management, Faculté des sciences économiques et sociales, Université de Lille 1. Laboratoire EQUIPPE.
- 2004-2006** Associate professor, Faculté Saint-Jean, University of Alberta
- 2003-2010** Academic member of CABREE, University of Alberta.

1998-2004	Assistant professor, Faculté Saint-Jean, University of Alberta and Adjunct Professor, Department of Economics, University of Alberta (1998- 2005).
1997-1998	Economist, Tax division (office of the assistant Deputy Minister), Department of Finance, Canada.
1997	Post-doctoral fellow, INRA-Station d'économie et sociologie rurales de Toulouse, France.
1995-1996	Lecturer, Université du Québec à Montréal, Département d'économie.
1994-1996	Research and teaching assistant, Université du Québec à Montréal, Département d'économie.
1988-1993	Research and teaching assistant, University of British Columbia, Department of Economics.
1985-1988	Research and teaching assistant, Université du Québec à Montréal, Département d'économie.

BOURSES ET DISTINCTIONS

2012	Research grant « Bonus Qualité Recherche », Université de Lille 1.
2010	Research grant, Central Bank of Polandne KMBT250, #858
2004	Small Faculty Grant, University of Alberta. Fonds de recherche CABREE
2003	Small Faculty Grant, University of Alberta. Fonds de recherche CABREE
2002	Small Faculty Grant, University of Alberta.
2000-2003	Canada-EU cooperation grant.
2000	Capital Endowment Fund, University of Alberta.
1999	Small Faculty Grant, University of Alberta.
1998	Mention d'excellence académique, Université du Québec à Montréal.
1997	Post-doctoral fellowship, Fonds F.C.A.R.-M.E.Q.-M.R.I.
1988-1991	Ph.D. Fellowship, Fonds F.C.A.R.
1989-1990	The University of British Columbia Graduate Fellowship.
1987-1988	Master fellowship, Fonds F.C.A.R.

ADMINISTRATIVE DUTY

- Member of the Faculté de Sciences Économiques, Sociales et du Territoire Board, since February 2021.
- Coordinator, Master in Applied Economics, since 2018.
- Deputy Director, Laboratoire LEM-CNRS (UMR 9221), January 2015 until June 2019.
- Director, master in applied econometrics, since September 2015.
- Director, Laboratoire EQUIPPE. September 2014 until March 2015.
- Elected member of the research board, Université de Lille 1. 2014-2015.
- Member of the library council of the Université de Lille. 2014-2015.
- External member, board of the UFR MIME, Université de Lille 3. 2013-2019.
- Expert AERES :
 - CRED (2012)
 - LIRAES (2013, committee president)
 - GRANEM (2016, committee president)
- Elected member of the Academic Board (CEVU), Université de Lille 1. 2012-2014.
 - Member of the human resource subcommittee (2013-2014).
 - Member of the international relations subcommittee
- Deputy Director, Laboratoire EQUIPPE, 2012-2014.
- Elected member of the board of EQUIPPE research unit. (2011-2015).
- Elected member of the Faculté des Sciences Économiques et Sociales, Université de Lille between 2011 and 2021.
- Graduate studies coordinator, Laboratoire EQUIPPE. 2011-2014.
- Coordinator for the nomination of the selection committees (academics). 2010-2014.
- Selection committees:
 - Lille : PR (2009), MCF (2010), MCF (2011), PR (2011 - president), PR (2012), MCF (2012), MCF (2013 – president), PR (2013), MCF (2014), PR (2014 – president), MCF (2015 – president), PR (2015 – president), PR (2015), MCF (2016, president), PR (2016), PR (2016 - president), PR (2018 – president), PR (2020 – president).
 - Valenciennes : MCF (2013)
 - Marseille : MCF (2015)
- Local coordinator for the international Ph. D. SESS. 2005–2009
- Director of IUP ECEN. 2005–2008
- Coordinator du B.A.A., Faculté Saint-Jean, University of Alberta. 2001–2005

TEACHING AND SUPERVISION

Teaching fields:

- Industrial organization, production economics, applied and theoretical econometrics, quantitative methods, public economics, microeconomics, natural resource and environmental economics.

Courses taught (English and French) :

- Microeconomics (all level), macroeconomics (up to intermediate), statistics, econometrics (all levels), time series econometrics, applied econometrics, functional form econometrics, limited dependent variable econometrics, evaluation econometrics, econometrics of endogeneity and system of equations, environmental and energy economics, game theory, industrial organization and regulation, global economics, production economics – efficiency measurement.

Supervisor HDR

- Yann Braouézec (2013)

Ph. D. supervisor

- Thomas Blavet (2021), Janet Ganouati (2018), Romain Plassard (2016), Amaury Goguel (2016) Kassoum Ayouba (2015), Linjia Zhang (2013), Hedi Essid (2007).

Master supervisor

- Thibault Savary (2007), Linjia Zhang (2008), Toufik Haddache (2008), Kassoum Ayouba (2009), Veronika Kubova (2010), Sujata Mishra (2010), Mohamed Youssouf (2011), Maya Murchad (2011), Dries Corckuyt (2011), Florent Dymala (2012), Adil El Abouddi (2012), Laureenne Payement (2012), Cheng Ke (2013), Fleur Benitha-Horelou (2013), Tomas Löffler (2014), Soukeina Bencheick (2014), Sylvain Guillard (2014), Svitlana Galeshchuck (2014), Julien Couchelle (2015), Christopher Thepot (2015), Thomas Blavet (2016), Bingjiying Jiang (2016), Yilun Liu (2016), Thibaut Choukroun (2017), Romain anglezio (2017), Josephine Boetang (2018), François Le Menn (2018), Yvon Arnaud Gbe (2018), Elsa Lustig (2018), Amélie de Lestrangé (2019), Julia Hanesz (2019), Maud Simon (2019), Mireille Diamala-Yao (2020), Tonminith Phay (2020), Élie Israel (2020), Nesrine Dali (2021).

Ph. D. committee:

- Wing Hong Chan (University of Alberta), Ludivine Lefevre (president, Lille), Hédi Essid (supervisor, Lille), Grégory Marlier (Lille), Qi Bin Liang (president, Perpignan), Linjia Zhang (supervisor, Lille), Yinchuan LUO (Lille), Oluwaseun Ojo (president, IESEG/SESAM), Kassoum Ayouba (supervisor, Lille), Romain Plassard (co-supervisor, Lille) Amaury Goguel (supervisor, Lille), Janet Ganouati (supervisor, Lille), Ayman Mekki (reviewer, Perpignan), Quianying Jin (president, Lille), Thomas Blavet (supervisor, Lille).

HDR committee

- Hervé Leleu (president, Lille), Catherine Laroche (president, Lille), Christian Benlahkdar (reviewer, Lille), Yann Braouezec (supervisor, Lille), Frank Maeir-Rigaud (president, Lille), Aurélie Cassette (Lille), Quentin David (Lille, Reviewer).

Supervision committee

- Louisa Adriamasi (Perpignan), Jean-Christophe Aubanel (Clersé, Lille)

PROFESSIONNAL AFFILIATIONS

- Member of the *International Advisory Board, Entrepreneurial Business and Economic Review*.
- The Econometric Society.

- Canadian Economic Association / Association canadienne d'économique.

PROFESSIONAL DUTIES

Referee for : *L'Actualité économique, Applied Economics, Applied Mathematical Modelling Canadian Journal of Economics/Revue canadienne d'Économique, Economics Bulletin, Economics of Education Review, Energy Studies Review, European Journal of Operations Research, International Journal of Canadian Studies, International Journal of Health Care Finance and Economics, International Journal of Production Economics, Journal of Evolutionary Economics, Journal of the Operational Research Society, Journal of Productivity Analysis, Mondes en développement, Pakistan Economic and Social Review, Recherches Économiques de Louvain/Louvain Economic Review et Tourism Management Perspectives.*

Local organizing committee, Tenth European Workshop on Efficiency and Productivity Analysis, EWEPA-X, Lille 2007.

Economic analyst for Radio-Canada radio and television and for CBC (television) between 1998 and 2005.

President ACFAS – Alberta, 1999 to 2001. Organizer of the annual meeting in 2000.

PUBLICATIONS – Refereed journals

Ayouba, Kassoum and Stéphane Vigeant, (2020), « Can We Really Use Prices to Control Pesticide Use? Results from a Nonparametric Model », *Environmental Modeling & Assessment*, doi.org/10.1007/s10666-020-09714-w.

Goguel, Amaury, Maxence Miera and Stéphane Vigeant, (2019) « Relations bilatérales entre aéroports secondaires et compagnies à bas coût : Quelles justifications concurrentielles sur la base des gains d'efficacité ? », *Cahiers Scientifiques du Transport*, N° 75, 3-27.

Farvaque, Étienne, Martial Foucault and Stéphane Vigeant, (2019) « *The Politician and the Vote Factory: How Funding Sources Lead to an Efficient Election Campaign?* », *Journal of Policy Modelling*, doi.org/10.1016/j.jpolmod.2019.09.007.

Essid, Hedi, Janet Ganouatti, and **Stéphane Vigeant**, (2018) « A Mean-Maverick Game Cross-Efficiency Approach to Portfolio Selection: An Application to Paris Stock Exchange », *Expert Systems With Applications*, doi.org/10.1016/j.eswa.2018.06.040.

Ouellette, Pierre and **Stéphane Vigeant**, (2017), « A Note on Conditional Factor Demands and Cost Function », *Economics Bulletin*, Vol. 37 No. 3, 1549-1554 (p.A140).

Ayouba, Kassoum, Jean-Philippe Boussemart and **Stéphane Vigeant**, (2017), « The impact of single farm payments on technical inefficiency of French crop farms », *Review of Agricultural, Food and Environmental Studies*, 98(1), 1-23. DOI : 10.1007/s41130-017-0049-2.

Ouellette, Pierre and **Stéphane Vigeant**, (2016) « From Partial Derivatives of DEA Frontiers to Marginal Products, Marginal Rates of Substitution, and Returns to Scale », *European Journal of Operational Research, European Journal of Operational Research*. 253, 880-887. DOI : 10.1016/j.ejor.2016.02.036.

- Farvaque, Étienne, Piotr Stanek and **Stéphane Vigeant**, (2014) « Have central bankers become more efficient? », *Kyklos*, Vol. 67 No. 2 May 2014, 177-203
- Essid, Hedi, Pierre Ouellette and **Stéphane Vigeant**, (2014) « Malmquist Productivity Indexes with Quasi-Fixed Inputs: A Statistical Approach with an Application to Tunisian High Schools », *OMEGA*, 42, 88-97.
- Essid, Hedi, Ouellette, Pierre and **Stéphane Vigeant**, (2013) « Small is not that beautiful after all: Measuring the scale efficiency of Tunisian High Schools using a DEA-bootstrap method », *Applied Economics*, 45, 1109-1120.
- Ouellette, Pierre, Jean-Philippe Quesnel and **Stéphane Vigeant**, (2012) « Measuring Returns to Scale in DEA Models when the Firm is Regulated », *European Journal of Operational Research*, 220, 571-576.
- Essid, Hedi, Ouellette, Pierre and **Stéphane Vigeant**, (2012) « Testing scale Efficiency in DEA Models: A Smooth Bootstrap Approach », *International Journal of Business and Social Science*, 3, No. 4, 60-73.
- Essid, Hedi, Ouellette, Pierre and **Stéphane Vigeant**, (2011) « A note and the scale efficiency test of Simar and Wilson », *International Journal of Business and Social Science*, 2, No. 24, 312-318.
- Essid, Hedi, Pierre Ouellette and **Stéphane Vigeant**, (2010) « Measuring Efficiency of Tunisian Schools in the Presence of Quasi-Fixed Inputs : A Bootstrap DEA Approach », *Economics of Education Review*, 29, 589-596.
- Ouellette, Pierre, Patrick Petit, Louis-Philippe Tessier-Parent and **Stéphane Vigeant**, (2010) « Assessing the Impact of Airline Deregulation on the Efficiency of Canadian Air Carriers », *European Journal of Operational Research*, 200, 216-226.
- Ouellette, Pierre and **Stéphane Vigeant**, (2006) « A Procedure to Recover the First Derivatives of Production Functions Using the Moore-Penrose Inverses when the Firm is a Profit Maximizer », *Journal of Productivity Analysis*, 26, 27-33.
- Crémieux, Pierre-Yves, Pierre Ouellette, François Rimbaud and **Stéphane Vigeant**, (2005) « Hospital Cost Flexibility in the Presence of Many Outputs: A Public-Private Comparison », *Health Care Management Science* 8, 111-120.
- Ouellette, Pierre, Patrick Petit and **Stéphane Vigeant**, (2005), « Investment and Regulation: The Case of Canadian Air Carriers », *Logistics and Transportation Review, Transportation Research Part E* 41, 93-113.
- Ouellette, Pierre and **Stéphane Vigeant**, (2003) « Technological Choices and Regulation: The Case of the Canadian Manufacturing Sectors », *Canadian Journal of Economics* 36, 89-125.
- Ouellette, Pierre and **Stéphane Vigeant** (2001) « Costs and Production Duality: The Case of the Regulated Firm ». *Journal of Productivity Analysis* 16, 203-224.
- Ouellette, Pierre and **Stéphane Vigeant**, (2001) « On the Existence of a Regulated Production Function ». *Journal of Economics* 73, 193-200.
- Ouellette, Pierre and **Stéphane Vigeant** (2000) « A General Procedure to Recover the Marginal Products of a Cost Minimizing Firm ». *Journal of Productivity Analysis* 14, 141-160.
- Carmichael, Benoît, Pierre Mohnen and **Stéphane Vigeant** (1990) « La demande de facteurs de production dans le secteur manufacturier québécois : une approche dynamique avec attentes rationnelles ». *Annales d'économie et de statistique* 19, 43-68.

OTHER PUBLICATIONS

Farvaque, Étienne, Piotr Stanek and **Stéphane Vigeant**, « On the performance of monetary policy committees », *Working Paper, No. 154*, National Bank of Poland, 2013.

SUBMITTED PAPERS

Essid, Hedi, Janet Ganouatti, and **Stéphane Vigeant**, « Profitability Game Cross Efficiency Approach to Portfolio Selection: Evidence from Paris Stock Exchange », soumis à *OR Spectrum*.

Essid, Hedi, Janet Ganouatti, and **Stéphane Vigeant**, « Optimal Portfolio Selection Under Higher Moments: DEA-Cross Efficiency Approach », soumis à *Omega*.

Ouellette, Pierre, **Stéphane Vigeant** and Linjia Zhang, « Semi-parametric Estimation of Efficiency and Technology, with an Application to French Bus Transportation », soumis à *European Journal of Operational Research*.

Ouellette, Pierre, **Stéphane Vigeant** and Linjia Zhang, « Inference in Aigner and Chu Cost Frontier Estimation: The Impact of Infrastructure on Bus Transportation in France. », soumis à *Applied Economics*.

Goguel, Amaury, Maxence Miera and **Stéphane Vigeant**, « Relations bilatérales entre aéroports secondaires et compagnies « low cost » : Vers une nouvelle immunité antitrust? », soumis à la *Brussels Economic Review*.

WORKING PAPERS

Blavet, Thomas, Pierre Ouellette and **Stéphane Vigeant**, « Alpha-Return to Scale with quasi-fixed inputs : An application to Quebec Hospitals », miméo, LEM, 2018.

Ayouba, Kassoum and **Stéphane Vigeant**, « Bayesian Estimation of a Stochastic Frontier with Multiple Outputs and Effective Inputs », miméo, USTL, 2014.

Ouellette, Pierre and Stéphane Vigeant, « Firm Flexibility in a Dynamic Framework », miméo, USTL. En cours.

Li, Yan, Hédi Essid, Pierre Ouellette, **Stéphane Vigeant**, « Evaluation of Performance of Hospitals in Shaanxi (China): A Dynamic Data Envelopment Analysis », Miméo, USTL, 2013.

Ayouba, Kassoum and **Stéphane Vigeant**, « *Efficacité des aides publiques aux entreprises pharmaceutiques françaises* », miméo, USTL.

Essid, Hedi, Pierre Ouellette and **Stéphane Vigeant**, « *A Note on the Convergence of Nonparametric DEA Estimators for Production Efficiency Scores with Quasi-Fixed Inputs* », miméo, USTL 2007.

Essid, Hedi, Pierre Ouellette and **Stéphane Vigeant**, « *An Application to Tunisian High Schools of the Bootstrap Method to Estimate Returns to Scale DEA* », miméo, USTL, 2010.

Young, Denise, David L. Ryan and **Stéphane Vigeant**, « *Oligopoly Pricing with Predictable Risk: the Case of Copper* », miméo, University of Alberta, 2006.

Ouellette, Pierre, Patrick Petit and **Stéphane Vigeant**, « *The Flexibility of the Canadian Air Carriers: The Impact of the Regulation* », miméo, University of Alberta, 2003.

Bergeron, Josée and **Stéphane Vigeant**, « *Searching for a Family Policy: The Case of Alberta* », miméo, University of Alberta, 2000.

Vigeant, Stéphane, *L'interaction entre l'investissement et les changements d'environnement des firmes du secteur manufacturier Canadien*. Thèse de doctorat, Université du Québec à Montréal, 1997.

Ouellette, Pierre and **Stéphane Vigeant**, « *Measuring Technological Progress and the Flexibility of Technologies: An Application of a Generalized Dynamic Duality to the Canadian Manufacturing Sectors* », miméo, Université du Québec à Montréal, 1996.

Vigeant, Stéphane, *De la demande de facteurs de production : une approche dynamique avec attentes rationnelles*. Mémoire de maîtrise, Université du Québec à Montréal, 1988.

CONFERENCES AND LECTURES

Papers.

« *Alpha-Return to Scale with quasi-fixed inputs : An application to Quebec Hospitals* »

- 35eme journée de microéconomie appliquée, Bordeaux, June 2018.

« *Optimal Portfolio Selection Under Higher Moments: DEA-Cross Efficiency Approach* »

- 15th international conference on Data Envelopment Analysis, (DEA2017) Czech republic, Prague, June, 26-29, 2017
- 2nd annual Tunisian Operational Research Society, Conference TORS'16 Sousse, Tunisia, December 16-18, 2016

« *Efficiency and undesirable outputs in portfolio selection: DEA Cross Efficiency Approach* »

- L'Association Tunisienne pour l'Intelligence Stratègique (ATIS'17) Conference, 29-30, Hammamet, Tunisie, April 2015

« *Baysian Estimation of a Stochastic Frontier with Multiple Ouputs and Effective Inputs* »,

- North American Productivity Workshop VIII, Ottawa, June 2014.

« *Inference in Aigner and Chu Cost Frontier Estimation: The Impact of Infrastructure on Bus Transportation in France.* »

- North American Productivity Workshop VIII, Ottawa, June 2014.

« *Estimation de la productivité des pesticides utilisés en Eure et Loir : Une approche non-paramétrique* »

- 30^e Journée de microéconomie appliquée, Nice, juin 2013.

« *Semi-parametric Estimation of Efficiency and Technology, with an Application to French Bus Transportation* »

- Thirteenth European Workshop on Efficiency and Productivity Analysis, EWEPA-XIII, Helsinki, June 2013.

« *Impact of the introduction of SFPs on Technical Efficiency of crop farms in Eure-et-Loir* »

- Thirteenth European Workshop on Efficiency and Productivity Analysis, EWEPA-XIII, Helsinki, June 2013.
- 29^e Journée de microéconomie appliquée, Brest, June 2012.
- 5emes Journées en Sciences Sociales, Dijon, December 2011.

« *Have central bankers become more efficient?* »

- Department of Economics, Graduate Institute for International and Development Studies, Genève, Suisse, September 2012.
- *European Economic Association – Econometric Society European Meeting*, Malaga, Spain, August 2012.
- 9th Euroframe conference on Economic Issues in the European Union, Kiel, Germany, June 2012.
- 2012 Second World Congress of the Public Choice Society meetings in Miami, Florida, USA, March 8-11
- Zero bound on Interest Rates and New Direction in Monetary Policy Conference, Wilfrid Laurier University, Waterloo, Canada, octobre 2011.
- Banque nationale de Pologne, Varsovie, Pologne, September 2011.

« *Testing Scale Efficiency: A Smooth Bootstrap Approach* »

- 43^{èmes} Journées de Statistique, Gammarth, Tunisie, June 2011.

« *Small is not that beautiful after all: Measuring the scale efficiency of Tunisian High Schools using a DEA-bootstrap method* »

- 28^e Journées de microéconomie appliquée, Sousse, Tunisie, juin 2011.

« *Do housing allowances help people stay in their home* »

- 23rd European Network for Housing Research, Toulouse, France, July 2011.

« *The Politician and the Vote Factory: How Funding Sources Lead to an Efficient Election Campaign?* »,

- 2012 Second World Congress of the Public Choice Society meetings in Miami, Florida, USA, March 8-11
- Twelfth European Workshop on Efficiency and Productivity Analysis, EWEPA-XII, Verona, Italy, June 2011.
- The 2011 Meeting of the European Public Choice Society, Rennes, France, April/May 2011.
- APSA 2010 Annual Meeting, Washington, DC, September 2010.
- Workshop on political funding: comparison between Canada and France, Université de Montréal, Montréal, June 2010.
- 2010 MPSA Annual National Conference, Chicago, Illinois, April 2010.

« *Returns to Scale and Regulation in DEA Models* »

- Twelfth European Workshop on Efficiency and Productivity Analysis, EWEP-A-XII, Verona, Italy, June 2011.
- 2010 XMU-Antwerp-Lille 1 Workshop on Microeconomics, Xiamen, China, June 2010.

« *Bootstrapping Returns to Scale Estimated by DEA: The Case of Quasi-fixed Inputs with an Application to Tunisian High Schools* »

- Séminaire du SIUTE, à Lille, novembre 2008.
- IÉSEG – School of Management, février 2008.

« *Measuring Efficiency of Tunisian School in the Presence of Quasi-Fixed Inputs : A Bootstrap DEA Approach* »

- Tenth European Workshop on Efficiency and Productivity Analysis, EWEP-A-X, Lille, juin 2007

« *Assessing the Impact of Airline Deregulation on the Efficiency of Canadian Air Carriers* »

- Tenth European Workshop on Efficiency and Productivity Analysis, EWEP-A-X, Lille, juin 2007
- Merit, University de Maastricht, novembre 2006
- 23èmes Journées de microéconomie appliquée, Nantes, juin 2006.

« *The Flexibility of the Canadian Air Carriers: The Impact of the Regulation* »

- Séminaire du SIUTE, Lille, octobre 2005.
- 36e congrès de l'association canadienne d'économique, Calgary, juin 2002.

« *Hospital Cost Flexibility in the Presence of Many Outputs: A Public-Private Comparison* » sous le titre « *Measuring the Flexibility of Multi-Output Firms* » a été présenté aux :

- 2èmes Journées d'économie publique Louis-André Gérard Varêt, Marseille, mai 2003;
- 19èmes Journées de microéconomie appliquée, Rennes, juin 2002.

« *Measuring the Flexibility of Multi-Output Firms: The Case of Québec Hospitals* »

- 35e congrès de l'association canadienne d'économique, Montréal, juin 2001.

« *Searching for a Family Policy: The Case of Alberta* »

- 11e congrès de l'ACFAS-Alberta, Edmonton, mars 2001.

« *Oligopoly Pricing with Predictable Risk: the Case of Copper* »

- 34e congrès de l'association canadienne d'économique, Vancouver, juin 2000.
- Canadian Resources and Environmental Economics Study Group, 10th Annual Conference, Edmonton, October 2000.

« *Technological Choices and Regulation: The Case of the Canadian Manufacturing Sectors* »

- L'université d'Ottawa, janvier 2000.

« *Investment and Regulation : The Case of Canadian Air Carriers* »

- 33e congrès de l'association canadienne d'économique, Toronto, May 1999.

« *Costs and Production Duality: The Case of the Regulated Firm* »

- L'université d'Ottawa, mars 1998.

« *Measuring Technological Progress and the Flexibility of Technologies: An Application of a Generalized Dynamic Duality to the Canadian Manufacturing Sectors* »

- Sixty Sixth Annual Conference of the Southern Economic Association, Washington, November 1996.

« *La demande de facteurs de production dans le secteur manufacturier québécois: une approche dynamique avec attentes rationnelles* »

- Congrès de la Société canadienne de sciences économiques, Québec, mai 1988.
- Congrès des Sociétés savantes (Association canadienne d'économie), juin 1988.

Presentations.

« *Energy Regulation: The Case of Natural Gas and Electricity Transportation* »

- Pacific Northwest Consortium Meetings, 2003 Faculty Summer Research Institute, Edmonton, July 2003.

« *Hierarchies, Markets and Regulation: What Can We Learn From the Restructuring in Alberta and California* »

- 17th ACSUS Biennial Conference, The Association for Canadian Studies in the United States, Portland, November 2003.

Courses.

Energy Regulation: Theory and Policy in Canada and the European Union, University of Münster (Germany), CERES project, August 2002.

Limited Dependent Variables – a Graduate Introduction, Sapienza University of Rome, Rome. June 2012.

An introduction to Productivity and Efficiency Measurement, Sapienza University of Rome, Rome. June 2013, June 2014 and June 2016.

An introduction to Stochastic Frontier Estimation, Aldo Moro University, Bari. June 2017.