

EDUCATION AND ACCREDITATIONS

- *Qualification aux fonctions de Professeur des Universités* from *Conseil National des Universités*, France (February 2018): Recognition of me being qualified at the level of a Full Professor.
- *Acreditació de Recerca, 2a Convocatòria Agregat 2016* from *Agència per a la Qualitat del Sistema Universitari de Catalunya (AQU)*, Spain (March 2017): Recognition of my research excellence.
- *Acreditació de Lector, 2a Convocatòria Lector 2016* from *Agència per a la Qualitat del Sistema Universitari de Catalunya (AQU)*, Spain (March 2017): Recognition of my lecturer experience.
- *Habilitation à diriger des recherches (HDR)*, U. Evry, Paris-Saclay University (UPSay) (September 2016).

Dissertation Title: **Regulatory challenges in Energy and Environmental economics: impacts on efficiency, competition and welfare**. Jury composed by Prof. Alain Ayong Le Kama (Paris-Nanterre University), Prof. Stefano Bosi (UPSay), and three referees: Prof. Juan-Pablo Montero (Pontifical catholic University of Chile and researcher at CEPR, Massachusetts Institute of Technology, USA), Research Director Jean-Pierre Ponsard (*Ecole Polytechnique*), and Prof. Katheline Schubert (Paris School of Economics).

- **Ph.D. in Economics and Management** at Center of Operations Research and Econometrics (CORE), *Université catholique de Louvain*, Belgium (December 2009).

Dissertation Title: **Market design in tradable pollution permits markets**. Advisors: Prof. Thierry Bréchet (CORE) and Prof. Estelle Cantillon (*Université Libre de Bruxelles*). Jury: Paul Belleflamme (CORE), Denny Ellerman (MIT Sloan School of Management) and Jean Gabzewick (CORE).

- **Master of Arts in Economics**, *Université catholique de Louvain*, Belgium obtaining a grade of Distinction (2005).

Dissertation Title: **Market design in wholesale electricity markets**. Supervisor: Jean Hindriks (CORE).

- **B.Sc. in Economics**, *Universidad de la República* (UdelaR), Uruguay (2003).

Dissertation Title: **Estimation of the technical efficiency frontier in the Uruguayan Insurance Market**. Supervisor: Nelson Noya (*Centro de Investigaciones Económicas, CINVE*).

The B.Sc. is economics at UdelaR is a program of 5 years that ends with a dissertation's defense in front of a Jury.

CURRENT POSITION

- **INTER-AMERICAN DEVELOPMENT BANK** (since July 2018, full time): Consultant in the Front Office of Infrastructure and Energy Sector, contributing to the flagship publication *Development in the Americas 2020*.
- **ÉCOLE POLYTECHNIQUE**: Associate Researcher (since September 2010, part time) for the [*Chaire Énergie et Prospérité*](#) and for the [*Chaire Développement Durable*](#) (DDX).
- **DAUPHINE UNIVERSITY**: Associate Researcher (since September 2014, part time) for the [*Chair European Electricity Markets*](#).

PROFESSIONAL EXPERIENCE

ACADEMIC

- **EPEE, U. EVRY, PARIS-SACLAY UNIVERSITY** (September 2013 to June 2018, full time, nowadays on leave): **Associate Professor** (*Maître de Conférences, HDR*) and **Director of the Master 2 “Innovation, Markets and Data Science”**. Teaching activity (192 hs/year): Advanced Microeconometrics, Econometrics, Environmental Economics, Advanced Microeconomics, Industrial Economics and International Economics and Trade. Associate Researcher of interdisciplinary project *MOlecules and Materials for the ENergy of TOMorrow* ([**MOMENTOM**](#)).
- **LAMETA, UNIVERSITY OF MONTPELLIER 1** (September 2010 to August 2013, full time): **Assistant Professor** (*Maître de Conférences*). Teaching activity (192 hs/year): Microeconomics, Microeconomics of Innovation.
- **ÉCOLE NATIONALE SUPERIEUR DES MINES DE NANTES** (December 2015-June 2018, part time): Lecturer in « Energy Economics » at Master 2 “Project Management for Environmental and Energy Engineering” (7 hs/semester).
- **HAUT ÉCOLE DE COMMERCE, HEC Paris** (September 2012 to September 2014, part time): Lecturer in the Master 2 “Sustainable Development”, responsible for the course “Outlook on Environmental Issues” (18 hs/semester).
- **ÉCOLE POLYTECHNIQUE** (November 2009 to August 2010, full time): Researcher (*post-doctoral*) at the Economics Department of *École Polytechnique*.
- **UNIVERSITY PARIS OUEST NANTERRE LA DÉFENSE** (February to July 2010, part time): Teaching Assistant in Industrial Economics (54 hs/semester).
- **ORT UNIVERSITY** (March 2004 to May 2006, part time); Teacher assistant in a 3rd. Semester subject called “Uruguayan Economy and Society” (36 hs/semester).

- **CENTRO INTERAMERICANO DE COOPERACION Y CAPACITACION (CICAP) – OEA member** (2003, part time): Lecturer in Financial Markets (72 hs in total).

NON-ACADEMIC

- **THE WORLD BANK** (July 2008 to September 2008, full time; October 2008 to April 2010, part time): Consultant as part of the Latin-American Infrastructure Department performing impact evaluation studies and research on energy security and environmental constraints as well as on water utilization and quality.
- **SIDUS S.A. – Pharma and Biopharmaceutical** (July 1999 to July 2004, full time): Import-Export Manager.

PUBLICATIONS

- “Counterpart choice in emission markets: beyond pollution abatement motives”, **The Energy Journal**, 2018, Volume 39 - SSCI Impact factor: 2.429 in 2018.
- “Assessing the implementation of the Market Stability Reserve in the EU-ETS”, **Energy Policy**, 2018, Volume 118, Pages 642-654 -with Anna Creti (Dauphine University, France) and Corinne Chaton (*Energie de France*) - SSCI Impact factor: 4.039 in 2017.
- “CO₂ content of electricity losses”, **Energy Policy**, 2017, Volume 104, Pages 439-445 - with Daniel Davi Arderius (Barcelona University, Spain) and Elisa Trujillo-Baute (Warwick University, UK) - SSCI Impact factor: 4.039 in 2017.
- “Does environmental regulation create merger incentives?”, **Energy Policy**, 2017, Volume 105, pages 618-630 - with Anna Creti - SSCI Impact factor: 4.039 in 2017.
- “*Cambio Climático? E pur si muove*”, **Revista de Derecho y Tribunales**, 2017, Volume 31, Pages 138-156 - with Cristina Vázquez (Udelar, Uruguay).
- “Understanding volatility dynamics in the EU-ETS market”, **Energy Policy**, 2015, Volume 82, pages 321–331 - with Francesco Violante (Aarhus University, Denmark) and Maria Mansanet (University of Valencia, Spain) - SSCI Impact factor: 3.045 in 2015.
- “Are Flexible Exchange Rate Regimes more Volatile? Panel GARCH Evidence for the G7 and Latin America”, **Review of Development Economics**, 2015, Volume 19, Issue 2, pages 297–308 - with Rodolfo Cermeño (CIDE, Mexico) - SSCI Impact factor: 0.296 in 2015.
- “Regulation as determinant of EUA prices”, **Energy Studies Review**, 2014, Volume 20, Issue 3, Article 6 - with Maria Mansanet.
- “The NOME Law: Some Implications for the French Electricity Market”, **Journal of Regulatory Economics**, 2013, Volume 43, Issue 2, pages 196-213 - with Anna Creti and Jerome Pouyet (Paris School of Economics, France) - SSCI Impact factor: 0.871 in 2013.
- “Emission permits trading and downstream strategic market interaction”, **The Manchester School**, 2012, ISSN 1463-6786 - with Joana Resende (*Faculdade de Economia do Porto*, Portugal) and Giuseppe De Feo (University of Strathclyde Glasgow, UK) - SSCI Impact factor: 0.415 in 2013.
- “Environmental innovation under Cournot competition”, **Strategic Behavior and the Environment**, 2012, Volume 2, Issue 2, pages 159-172 - with Skerdilajda Zanaj (University of Luxembourg).
- “Optimal allocation of tradable permits under upstream-downstream interaction”, **International Game Theory Review**, 2012, Volume 14, Issue 04 - with Joana Resende and Giuseppe De Feo.
- “Designing Pollution Markets”, **Reflets et perspectives de la vie économique**, 3/2012 (Tome LI), p. 143-159.
- “A note on clean technology adoption and its influence on tradable emission permits prices”, **Environmental and Resource Economics**, 2011, Volume 48, pages 561-567 - with Skerdilajda Zanaj - SSCI Impact factor: 1.667 in 2015.
- “Price versus quantities in the coordination of international environmental policy”, **International Economics**, 2011, Issue 126-127, pages 109-130 - with Anna Creti.

WORKING PAPERS

- “Optimal incentive policies for household photovoltaic panels: the French case”, with Anna Creti.
- “Pipeline environmental accidents as market disruptions”, with Anna Creti and Amy Jaffe (Columbia University).
- “Assessing the Impact of Environmental Taxation on Green Technology Competition”, with Anna Creti and Till Requate (Kiel University, Germany).
- “Market Design in Wholesale Electricity Prices Markets”, CORE Discussion Paper No. 2006/100 – 15 citations.
- “*Estimación de la frontera de eficiencia técnica en el Mercado de seguros Uruguayo*”, Udelar M-D2715, 2002 – 12 citations.

INTERNATIONAL RESEARCH FUNDS

ACADEMIC RESEARCH CONTRACTS

- “*Fondo Sectorial de Energía: modalidad Investigación 2016*” of the Uruguayan *Agencia Nacional de Investigación e Innovación (ANII)*, behavioral study of the impact of smart metering and direct load control in energy conservation - 2016-present – competitive.
- Responsible for the “Carbon Pricing and Renewable Energy Initiative” of the *Chaire Energie et Prospérité* of the *Fondation du Risque Louis Bachelier* - 2015-2020 – non competitive.

- “Optimal Feed-in Tariff for residential PV panels in France” for the *Agence de l’Environnement et de la Maitrise de l’Energie* (ADEME) – 2015-2017 – non competitive.
- *Chair Développement Durable - Ecole Polytechnique-EdF* (DDX-EDF) -2013-present – non competitive.
- Business Sustainability Initiative – *Institut Europlace de Finance Louis Bachelier* – 2012-2015 – non competitive.
- Chair for Business Economics – Economics Department, *Ecole Polytechnique* – 2009-2011 – non competitive.
- *Laboratoire d’Analyse économique des Réseaux et des Systèmes Energétiques* (GIS-LARSEN) – Cired-E.Polytechnique 2009-2010 – non competitive.
- Economics of Energy Markets in Europe - Lombardy Region (Italy), IEFÉ-Bocconi University and LAMETA-Montpellier University 1 – 2010 – competitive.
- *CLIMNEG III* interdisciplinary research program on economics and climate change sciences – 2006-2008 – non competitive.

NON-ACADEMIC RESEARCH CONTRACTS

- “Energy Demand Estimation in Sao Paulo, Brazil”- Luxottica Group – 2013 – non competitive.
- “International Investment Cost sharing in the Zeebrugge Hub expansion” - Center on Regulation in Europe (CERRE) – 2010 – competitive.

PRIZES, SCHOLARSHIPS AND OTHER FUNDING

- Visiting Scholar at the Department of Economics and Management of the University of Florence (March to April 2018).
- Visiting Scholar at the Chair of Energy Sustainability at Barcelona University, Spain (March to July 2017).
- Visiting Scholar at the IEB at Barcelona University, Spain (June to July 2016).
- Visiting Scholar at the *Institut d’Anàlisi Econòmica* (IAE) at Autonomous University of Barcelona, Spain (March to July 2015).
- PhD Scholarship “Chair Lhoist Berghmans in Environmental Economics and Management” - 2005 to 2009.
- Chosen among more than a hundred students to perform an internship at the Uruguayan Central Bank – March 2001.

SUPERVISION AND MENTORING

PHD LEVEL

- Jordi Planelles, “Green Innovation in the Energy Sector and its interaction with the global production network”, co-supervision with Jose García-Quevedo, Barcelona University. Scholarship from Université Paris-Saclay, France. 2017-2020.
- Maryème Kettani, “*Le Maroc, hub du développement du solaire en Afrique du Nord : quels facteurs clés de succès ?*”. Financed by *I-Tésé, Commissariat à l’énergie atomique* (CEA), France. 2017-2020.
- Member of the PhD Thesis Committee of:
 - Leonide Sinsin, “*Essais sur l’électrification au Bénin*” supervised by Anna Creti, Paris-Dauphine University (2017).
 - Amira Bouziri, “*Pratiques Environnementales des Entreprises, Innovation et Bien-Etre Social*” supervised by Marc-Arthur Diaye, U. Evry, Paris-Saclay University (2017).
 - Elie Lacroix, “*Choix énergétiques dans une vie*” supervised by Bertrand Villeneuve, Paris-Dauphine University (2016).
 - Yuan-Jing Li, “New dynamics in the electricity sector” supervised by Anna Creti, Paris-Dauphine University (2015).

MASTER LEVEL (just a selection)

- Dorine Abgrall, “*Le financement du carbone dans les pays émergents*”. Master Finances, U. Evry, Paris-Saclay University, 2017.
- Maria Fernanda Meneses, “What can Europe learn from the Brazilian Electricity Market Design?”, Stage EdF R&D and *École Polytechnique*, 2015.
- Atin Prakash, “Indian Electricity Sector and Concentrated Sola Power”, student of the M2 Sustainable Development at HEC, 2014.
- Faddy Ardian, “Seasonal ARMA-GARCH approach for short term forecasting”, *École Polytechnique*, 2013.
- Leonide Sinsin, “Photovoltaic deployment: from subsidies to a market-driven growth: A panel econometrics approach”, *École Polytechnique*, 2012.

SCIENTIFIC RESPONSABILITIES

ORGANIZATION OF CONFERENCES AND SEMINARS

- Scientific committee - Workshop of the French Association of Environmental and Resource Economics (FAERE) on Health and Environment, U. Evry, Paris-Saclay University, France – 30/11-01/12-2017.
- Scientific committee - Workshop Electricity Demand: New Modeling Perspectives, Dauphine University, Paris France, 06/03/2017.
- Scientific committee - Workshop on Environmental Economics of [IEA-RIDGE](#), Montevideo, Uruguay, 07/12/2016.

- Scientific committee - Challenges Of The Power Industry: Policies, Goals And Implementation, *Universidade Federal Fluminense*, Niteroi, Brazil, 8-9/09/2015.
- Responsible for the organization of the weekly Economics Seminar at U. Evry, Paris-Saclay University (January 2016-present) inviting outstanding scholars from around Europe.
- Responsible for the organization of the PhD Days (with Keynote), U. Evry, Paris-Saclay University, 19/05/2016.

SCIENTIFIC EVALUATION

- *Agence Nationale de la Recherche* (ANR), France – Scientific expert in the external evaluation of 2017's Generic Call for Research projects.
- Referee for: Scandinavian Journal of Economics, Energy Journal, Journal of Environmental Economics and Management, Energy Economics, Ecological Economics, Journal of Banking and Finance, Journal of Regulatory Economics, Energy Policy, Environmental and Resource Economics, Energy Studies Review, Economics Bulletin, Review of Industrial Organization, Louvain Economic Review, Latin American Economic Review, Review of Development Economics, Journal of Applied Statistics, *Economía*.

CONFERENCES AND OTHER DISSEMINATION ACTIVITIES

- Invited Lecturer financed by the *Centro di Eccellenza Jean Monnet* at Florence University, Italy, September 2017.

PEER-REVIEWED INTERNATIONALLY ESTABLISHED CONFERENCES

- 4th Annual Conference of the French Association of Environmental and Resource Economists (FAERE), 12-13 September, Nancy, France.
- Energy and Commodity Finance Conference, Mathematical Institute, Oxford University, 14-15 June 2017, England, UK.
- V International Symposium: Challenges for the Energy Sector, Chair Energy Sustainability, 7th February 2017, University of Barcelona, Spain.
- 7th International Research Meeting in Business and Management (IRMBAM), 11-12 July 2016, Nice, France.
- CORE at 50 Bridging Gaps, 50th CORE anniversary, 23-27 May 2016, *Louvain-la-Neuve*, Belgium.
- 4th International Symposium on Energy and Finance Issues (ISEFI), 24-25 March 2016, Paris, France.
- IV International Symposium: Energy and environmental policy, 2nd February 2016, Chair of Energy Sustainability, University of Barcelona, Spain.
- 38th International Association of Energy Economics (IAEE) Conference, 25-27 May 2015, Antalya, Turkey.
- 2nd International Symposium on Energy and Finance Issues (ISEFI), 28 March 2014, Paris, France.
- 20th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), 26-29 June 2013, Toulouse, France.
- 31th International Energy Workshop (IEW), 19–21 June 2012, Cape Town University, South Africa.
- Game Theory Practice, 11-12 July 2011, Riverside, California, USA.
- *59ème Congres de l'Association Française de Science Economique (AFSE)*, 9-10 September 2010, Paris, France.
- 5th International Conference on Competition and Regulation and European Summer School (CRESSE), 2–4 July 2010, Chania, Crete, Greece.
- 4th World Congress of Environmental and Resource Economists (WCERE), June 28-July 2, 2010, Montreal, Cana.
- 8th International Industrial Organization Conference (IIOC), British Columbia University, 14-16 May 2010, Vancouver, Canada.
- *XXIV Simposio de la Asociación Española de Economía (SAEE)*, 10-12 December 2009, Valence, Spain.
- 36th Annual Conference of the European Association for Research in Industrial Economics (EARIE), 3-6 September 2009, Ljubljana, Slovenia.
- 24th Annual Congress of the European Economic Association and 64th European Meeting of the Econometric Society (EEA-ESEM), 23-27 August 2009, Barcelona, Spain.
- 17th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), 24-27 June 2009, Amsterdam, Holland.
- Belgian Environmental Economics Day (BEED), 2 February 2009, *Louvain-la-Neuve*, Belgium.
- *Journées Doctorales de l'Association pour le Développement de la Recherche en Économie et Statistique (ADRES)*, 23-24 January 2009, *Louvain-la-Neuve*, Belgium.
- *SURED 2008*, 2-5 June 2008, Ascona, Switzerland.
- 6th Conference on Applied Infrastructure Research (InfraDay), Technology University (TU), 5-6 October 2007, Berlin, Germany.

- 34th European Association for Research in Industrial Economics (EARIE), September 2007, Valence, Spain.
- *ASsociation of Southern European Economic Theorists (ASSET)*, November 2006, Lisbon, Portugal.
- Latin American and Caribbean Economic Association (LACEA) Conference, October 2003, Puebla, Mexico.
- *Jornadas Anuales de Economía del Banco Central del Uruguay*, August 2003, Montevideo, Uruguay.

INVITED SEMINARS

- Inter-American Development Bank, February 5th, 2018, Washington D.C., United States America.
- *Journée MOMENTOM, ENS Paris-Saclay*, October 19, 2017, Saclay, France.
- Economics Seminar, *Universitat Rovira i Virgili*, June 6, 2017, Tarragona, Spain.
- Economics Seminar, IEB, University of Barcelona, June 1, 2017, Spain.
- Economics Seminar, University of Valencia, May 19, 2017, Valencia, Spain.
- *Journée scientifique PV-SHS, I-tésé/Commission de l'Énergie Atomique*, April 25, 2017, Saclay, France.
- *Séminaire Développement Durable Environnement et Énergie, Université Paris Nanterre*, February 21, 2017, Paris, France.
- Economics Seminar, IEB, University of Barcelona, June 11, 2015, Spain.
- Economics Seminar, EPEE, U. Evry, *Université Paris-Saclay*, May 16, 2013, France.
- Economics Seminar, University of Strathclyde, May 26, 2012, Glasgow, UK.
- Seminar “*Économie de l'Environnement et des Ressources Naturelles*”, *Paris I Panthéon-Sorbonne*, January 28, 2010, Paris, France.
- Lunch Economics Seminar, Economics Department at *Ecole Polytechnique*, January 25, 2010, Paris, France.
- Economics Seminar, Aberdeen University, February 18, 2009, Scotland, UK.

WORKSHOPS

- Workshop on CO₂ pricing and sectoral complementary policies, CIRANO, Montreal, 18 April 2016, Canada.
- Challenges Of The Power Industry: Policies, Goals And Implementation, *Universidade Federal Fluminense*, 8-9 September 2015, Niteroi, Brazil.
- Environmental Policy and Firm's strategies (workshop co-organized by *Ecole Polytechnique* and Columbia University), 30th September 2013, New York, USA.
- *Rencontres de l'Environnement, Université Paris Descartes*, 16th June 2009, Paris, France.
- *Rencontres de l'Environnement, Paris I Panthéon-Sorbonne*, 22nd October 2007, Paris, France.

ADMINISTRATIVE DUTIES

- Elected member of the Economics Department Council, U. Evry, Paris-Saclay University (January 2016-present).
- Member of the Economics Laboratory Council, U. Evry, Paris-Saclay University (January 2016-present).
- Responsible for Ph.D. Students, U. Evry, Paris-Saclay University (2016-present): this duty includes organizing the yearly follow-up committee for all Ph.D. Students in Economics.
- Teaching Evaluation Committee at U. Montpellier 1, implementation of the evaluation and analysis of the data for Bs.C. Students in 1st and 3rd year. (2011-2013).

LANGUAGES

Native in **Spanish**. Proficient (C2) in **English, French** and **Italian**. Independent in **Portuguese** (B2) and **Catalan** (B1).

- « *Intermédiaire Avancé* » in French, *Institut des langues vivantes*, Belgium (2006). I teach full courses in French since 2010.
- « *Proficiency* » in English, University of Michigan, USA (1995). All my research has been published in English.
- « *First Certificate* » in English, University of Cambridge, UK (1993).