

Curriculum VITAE- Anna Creti

Current Position

Full Professor, Université Paris Dauphine, LeDA-CGEMP (Laboratoire d'économie de Dauphine-Centre de Géopolitique de l'Energie et des matières premières) and Chair European Electricity Markets
Senior Research Fellow, Department of Economics, Ecole Polytechnique, Chair Sustainable Development
External affiliate, University of California Energy, Environment and Economics (UC3E, University of Berkeley and Santa Barbata).

Research Interests

Energy Economics, Industrial Economics, Environmental Economics

Education

- PhD in Economics, with highest honours, Université de Toulouse I, 1998 "Networks, Telecommunications and Growth", Advisor: Patrick Rey
- M.A. " Analyse et Politique Economiques " , EHESS, Paris, 1994
- B. A. (Hons.) in Economics, University L. Bocconi -Discipline Economiche e Sociali, Milan, 1992.

Grants

- Istituto Universitario Navale, Naples, 2000-2002
- Training and Mobility of Research, Post-Doc Grant, 1999
- Centre National d'Etudes pour les Télécommunications, PhD Grant , Paris, 1996-1998.
- "Amici della Bocconi", Study Abroad Grant, 1994-1996
- ERASMUS Grant, Université Catholique de Louvain-la-Neuve, Bruxelles, 1991.

Prizes

- Research Excellence Award, Bocconi University, 2008, 2009 and 2010
- Nomination for the ENI Award (Research and Innovation for the Energy Sector), 2009
- PhD Dissertation Prize, IREST, 1998
- "G. Leonardi" Graduate Dissertation Prize, Italian Association of Regional Economics, 1992.
- Gold Medal, Graduate Curriculum, Bocconi University, 1993
- Gold Medal « Alfiere del Lavoro », Italia Association of Cavalieri del Lavoro, Bachelor Degree. 1993

Previous Positions

2009-2011

- Full Professor, Paris Ouest Nanterre la Défense
- Deputy Director, EconomiX (UMR 7235), Université Paris Ouest Nanterre la Défense

2009-2011

- Associate Professor, Université Paris Ouest Nanterre la Défense
- Deputy Director, Centre for Environmental and Energy Economics and Policy (IEFE), Bocconi University

2005-2009

- Assistant Professor, Bocconi University, Milan, Italy
- Research Director, Centre for Environmental and Energy Economics and Policy (IEFE), Bocconi University

2000-2005

- CEA (Commissariat à l'Énergie Atomique), and Université de Toulouse 1, researcher
- IDEI (Institut d'Économie Industrielle, Toulouse) and LERNA (Laboratoire d'Économie de l'Environnement et des Ressources Naturelles), member.

1999

- Post Doc, STICERD, London School of Economics, London.

1994-1997

- PhD research fellow, Laboratoire d'Économie Industrielle, CREST-ENSAE, Paris

Teaching Experience

Université Paris Dauphine 2013-

- Industrial Economics (undergraduate)
- Energy and Climate Economics (graduate)
- Contemporary Business and Economics (graduate)

Ecole Polytechnique 2013-

- Energy Economics (graduate)

Institut Français du Pétrole et Énergie Nouvelles, 2012-

- Industrial Economics (graduate)

Pompeu Fabra-Barcelona Graduate School 2011-

- Energy Economics (graduate)

Ecole de Mines Nantes 2011-

- Energy Economics (graduate)

Université Paris Ouest, 2009-2013

- Microeconomics (undergraduate)
- Industrial Economics, Energy Economics (graduate)
- Environmental Economics (graduate)

Bocconi University, 2005-2009

- Microeconomics (undergraduate)
- Industrial Economics, (graduate)

Athens University 2006-2007

- Lecturer, European School for Competition and Regulation (CRESSE), Regulation Theory

Université Toulouse I, 2000-2005

- Microeconomics (undergraduate)
- Energy networks and markets (graduate)

Professional Experience

2006-

- Consultant for the Italian Energy Regulator, Fluxys, E-On, Elia, EdF R&D

2000 -2003

- Consultant for Gdf and EdF

1996

- Internship, OCDE, Directorate for Science and Technology, Industrial Organization Policies Division.

Scientific committees

Member of the Academic Network, Florence School of Regulation, Italy

Expert for research evaluation, French national committees ANR and AERES

Seminar Coordinator, PEEES, (*Paris Environmental and Energy Economics Seminar*), <https://sites.google.com/site/peeseminar/>

Member of the Scientific Committee, World Energy Council (<http://www.wec.com>)

Member of the Scientific Committee, EnergyLab Foundation (<http://www.energylabfoundation.org>),

Member of the Scientific Committee, European Energy Market-EEM Conference

Expert for the CESSA research project funded by the EU 6th RTD Framework Programme under the "Coordinating Security in Energy Supply" - (<http://www.cessa.eu.com/>)

Editor "IEFE Working Paper Series"- ISSN 1973-0381

Faculty Member, « European School for Competition and Regulation » , CRESSE

Editorial Committee, « Economia delle Fonti di Energia e dell'Ambiente-EFEA », Bocconi University

Recent referee reports

Operation Research (2); European Economic Review (1); Review of Economic Studies (1); The Energy Journal (5), Economia delle Fonti di Energia e dell'Ambiente-EFEA (4), Economia e Politica Industriale (1), Energy Economics (11), International Journal of Industrial Organisation (4), Energy Policy (12)

Recent Conference and Seminars

Fondazione Eni Enrico Mattei, 2013, 2014; Ecole des Mines, Paris 2013, 2011 ; Université de Toulouse, 2013, 2011; EAERE Conference, 2013; EARIE Conference, 2013.

Research Grants

2013-2016

Conseil Français de l'Energie

Macroeconomic Effects of Energy Prices, with JP Allegret, C. Couharde, V. Mignon (Université Paris Ouest)

2009-2010

Lombardy Region (Italy)

IEFE-Université Bocconi and LAMETA (Université de Montpellier) : *Economics of Energy Markets in Europe*

2008-2009

IEFE-Université Bocconi: (structural research funds) *Economics and Financial Aspects of CO2 Trading*. A. Bousquet (LERNA, University of Toulouse), Jérôme Pouyet (PSE-CNRS et Ecole Polytechnique, Paris). M. Bonacina (IEFE); P. Colla (Department of Finance, Bocconi University); Filomena Garcia Lisbon University).
Team coordinator: A. Creti.

2007-2008

IEFE-Bocconi University (structural research funds): The Economics of Gas Storage, Research team: A. Cavaliere, (University of Pavia); J-M . Glachant (Faculté Jean Monnet, Université Paris Sud) ; C. von Hirschhausen, (DIW Berlin); A. Neumann, (Dresden University); J.-C. Poudou, (LASER, University of Montpellier); B. Villeneuve, (Université de Tours and CREST). Team coordinator: A. Creti.

2006

PRIN (Ministry of Research): The impact of EU-ETS on electricity prices, under the coordination of F. Gulli (Bocconi University)

Publications

"Fraud, Investments and Liability Regimes in Payment Platforms", (with M. Verdier), forthcoming, *International Journal of Industrial Economics*

"Retail Competition in Europe", (with S. Concettini), forthcoming, *Energy Studies Review*

"Commodity Storage with Durable Shocks: A Simple Markovian Model", 2014, (with B. Villeneuve), *Mathematics and Financial Economics* pp 169–192

"Oil price and financial markets: Multivariate dynamic frequency analysis", 2014, (with K. Guesmi and Z. Ftiti), *Energy Policy*, Vol 73, pp 245-258

"Special Issue Editors Comments", 2014, (with Duc Khuong Nguyen), *Energy Studies Review*, Vol 20, Issue 3

"Oil price and financial markets in the main OPEC countries", 2014, (with K. Guesmi and Z. Ftiti), *Energy Studies Review*, Vol 20, Issue 3, pp 17-35

"The NOME law: some implications for the French Electricity market", 2013, (with J. Pouyet and M.E. Sanin) *Journal of Regulatory Economics*, Vol 43, pp 196–213

"On the links between stock and commodity markets' volatility", 2013, (with M. Joets and V. Mignon) *Energy Economics* 37, 16–28

"Carbon Price Drivers: Phase I versus Phase II Equilibrium?" 2012 (with PA Jouvet and V. Mignon) *Energy Economics*, Vol34, Issue 1, pp 327–334

"A note on Electric Choices", (2011) *Economica*, Vol 78, Issue 29, pp 191-194

"Integration of electricity markets in Europe: relevant issues for Italy" (2010), (with E. Fumagalli and E. Fumagalli), *Energy Policy*, Vol 38, Issue 11, pp 6966-6976

"A note on forward contracts in leader-follower games" (2010), (with M. Bonacina), *Economics Bulletin*, Vol 11, pp 1539-1547

"Storage Services provision and regulation in Italy: a Delphi analysis" (2009), (with M. Bonacina et A. Sileo), *Energy Policy*, Vol 37, pp. 1277-88

"Storage and Security of Supply in the Medium Run" (2009) (with C. Chaton et B. Villeneuve), *Resource and Energy Economics*, Vol 31, pp 24-38

"Some Economics of Seasonal Gas Storage" (2008), (with C. Chaton et B. Villeveuve), *Energy Policy*, Vol. 36, pp 4235–4246

"Capacity markets for Electricity" (2007), (with N. Fabra), *Energy Economics* Vol.29, Issue 2 , pp 259-276

"Telecommunications Services and Multi-Unit Firms: Inside the Black-Box", (2007), *The Review of Network Economics* Vol.6, Issue 1, pp 50-77

"Capacity Competition in Electricity Markets" (2005), (with C. Crampes), *Economia delle Fonti di Energia-EFEA*, Vol. 2, pp 59-83

"Long-term Contracts and Take-or-pay Clauses in Natural Gas Markets", (2004) (with B. Villeneuve), *Energy Studies Review*, Vol. 13, pp 75-94

"Politique énergétique : Aspects stratégiques de la question des approvisionnements", (2003) (with B. Villeneuve), *Economie et Prévision*, Vol 2, pp. 73-88

"Firms' Organisation and Efficient Communication Networks", *The Manchester Journal*, (2001a), Vol 69, pp. 77-102

"Network Technologies, Communication Externalities and Total Factor Productivity", (2001b) *Structural Change and Economic Dynamics*, Vol. 12, pp. 1-28

Books and books chapters

Creti A. (2013), "Retail competition in electricity markets" Chapter 4, *The Economics of Electricity Markets, Theory and Policy* Edited by P. Ranci, Università Cattolica et G. Cervigni, Università Bocconi, Italy. The Loyola de Palacio Series on European Energy Policy, Edgar Elwar

Creti A. (2011), "How energy works? Electricity and Gas Markets in Europe", *Handbook of Sustainable Energy*, ed. by I. Galarraga et A. Markandya, Edgar Elwar.

Creti A. editor (2009), "The Economics of Natural Gas Storage: A European Approach", Springer Verlag, ISBN: 978-3-540-79406-6

"The Economics of Natural Gas storage" (2009): Chapter 1, "Natural Gas Storage : toward a market-oriented approach", Chapter 4, " Gas storage and Security of Supply : the UK case ", with B. Villeneuve; Chapter 5, "Final remarks.

Creti A. (2009), "Interconnection infrastructure as a prerequisite for the development of territories: the role of network externalities", in U. Fratesi, L. Senn, *Growth and Competitiveness in Innovative Regions: Balancing Internal and External Connections*, Springer-Verlag, serie "Advances in Spatial Science", pp 217-244, ISBN 978-3-540-70923-7

"Les Entreprises en Réseau", Chap. 4, A. Perrot ed. « Concurrence et Déreglementation » (1997) (with Anne Perrot), Economica, Paris, pp. 49-74.

"How IT/Telecom affect the economy", «The economics of the information society» (1997), EC-DGXIII et OCDE, Bruxelles, pp. 5-25.

Globalization and Small and Medium Sized Enterprises, Vol. 1, Synthesis Report (1997), (with M-F Estimé and C. Hall), OCDE, Directorate for Science and Technology.