



INSTITUT
D'ÉCONOMIE
INDUSTRIELLE



VENUE

Conference on

« *The Economics of
Energy Markets* »

Toulouse, January 15-16, 2007

CENTRE DE CONGRES PIERRE BAUDIS

11, Esplanade Compans-Caffarelli
- 31000 Toulouse -

<http://www.centre-congres-toulouse.fr>

Monday, January 15

9:20 Welcoming address

- **J. Crémer** (Université de Toulouse, director of IDEI)

9:30 - 11:00 Plenary session

- **M. Polo** (Bocconi University and IGIER) and C. Scarpa (University of Brescia)
“*Take or Pay Contracts and Market Segmentation*”
Discussant: C. Crampes (Université de Toulouse, Gremaq and Idei)
- **P. Joskow**(MIT), A. Ellerman (MIT) and K. Martin (MIT)
“*Time and Location Differentiated No_x Control in Competitive Electricity Markets Using Cap-and-Trade Mechanisms*”
Discussant: T.O Léautier (Université de Toulouse, GSB and Idei)

11:00 - 11:30 Coffee break

11:30 - 12:45 Roundtable: New Challenges for the Natural Gas Industry

- Introductory paper: **C. von Hirschhausen** (DIW Berlin) and A. Neumann (DIW Berlin)
“*Long-Term Contracts and Asset Specificity Revisited – An Empirical Analysis of Producer-Importer Relations in the Natural Gas Industry*”
Discussion: L. David (Gaz de France), P. De Donder (Université de Toulouse, Gremaq-CNRS and Idei), C. von Hirschhausen (DIW Berlin), J. de Jong (Clingendael International Energy Programme), J. Percebois (U. Montpellier, CREDEN)

12:45 - 14:30 Lunch

14:30 - 16:00 Parallel sessions

a) Market modelling

Room: Spot

- **S. Oren** (University of California), J. Yao (University of California) and I. Adler (University of California)
“*Modeling and Computing Two-settlement Oligopolistic Equilibrium in a Congested Electricity Network*”
Discussant: S. Adamson (CRA International)
- **X. Vives** (IESE Business School)
“*Strategic Supply Function Competition with Private Information*”
Discussant: J.C. Rochet (Université de Toulouse and Idei)

b) Environmental policy

Room: Ariane

- **R. Green** (University of Birmingham, IERP)
“*Carbon tax or carbon permits: the impact on generators’ risks*”
Discussant: C. Chaton (EDF R&D)
- **H. Weigt** (Dresden University of Technology), K. Freund (Dresden University of Technology) and T. Jeske (Dresden University of Technology and Vortex GbR)
“*Nodal Pricing of the European Electricity Grid- A Welfare Economic Analysis for Feeding-in Offshore Wind Electricity*”
Discussant: W. Sand-Zantman (Université de Toulouse, Gremaq and Idei)

16:00 - 16:30 Coffee break

16:30 - 18:00 Roundtable: The future of nuclear power

- J.P. Bouttes (EDF), C. Gollier (Université de Toulouse, IDEI), P. Joskow (MIT), F. Roques (International Energy Agency) and H. Zaccai (AREVA NC)

20:00 Conference dinner “Restaurant Le 19”

Tuesday, January 16

9:30 - 11:00 Parallel sessions

a) Theoretical advances in spot, forward and retail markets

Room: Spot

- **N-H. von der Fehr** (University of Oslo) and F. Baldursson (University of Iceland)
“*Vertical Integration and Long-term contracts in Risky Markets*”
Discussant: B. Willems (Tilburg Law & Economics)
- **A. Porchet** (Université Paris Dauphine CEREMADE, ENSAE CREST and EDF), R. Aid (EDF R&D) and N. Touzi (Ecole Polytechnique and Imperial College London)
“*Vertical Integration and Risk Management in Competitive Markets of Non-Storable Goods*”
Discussant: T. Magnac (Université de Toulouse, Gremaq and Idei)

b) Market frontiers

Room: Ariane

- **F. Leuthold** (Dresden University of Technology) and C. Todem (VERBUND Austrian Power Grid AG)
“*Flow-Based Coordinated Explicit Auctions: Auctions Income Distribution*”
Discussant: J. Tirole (Université de Toulouse, Gremaq, Idei and MIT)
- **A. Bousquet** (University of La Rochelle and LERNA), C. Cazals (University of Toulouse and Gremaq), M. Ivaldi (Université de Toulouse, CEPR and Idei), and N. Ladoux (University of Toulouse and LERNA)
“*An Empirical Delineation of the European Market for Electric Power Generation*”
Discussant: N. Fabra (Universidad Carlos III)

11:00 - 11:30 Coffee break

11:30 - 13:00 Roundtable: Reliability and security of supply

- H. P. Chao (ISO New England), C. Crampes (Université de Toulouse, Gremaq and Idei), W. Hogan (Harvard University, Kennedy School Government) and J.M. Glachant (University Paris XI)

13:00 - 14:30 Lunch

14:30 - 16:00 Plenary session

- **A. Creti** (Bocconi University, IEFE), C. Chaton (EDF) and B. Villeneuve (Université de Tours and CREST)
“*Some Economics of Seasonal Gas Storage*”
Discussant: C. von Hirschhausen (DIW Berlin)
- **K. Neuhoff** (University of Cambridge) and L. Butler (University of Cambridge)
«*Comparison of Feed in Tariff, Quota and Auction Mechanisms to Support Wind Power Development*”
Discussant: A. Cavaliere (Università degli Studi di Pavia)

Scientific committee

Severin Borenstein (University of California, Berkeley), Natalia Fabra (Universidad Carlos III de Madrid), Richard Green (University of Birmingham), William Hogan (Harvard University), Paul Joskow (MIT), David Newbery (University of Cambridge), Yves Smeers (CORE/UCL), Jean Tirole (IDEI), Frank Wolak (Stanford University) and Catherine Wolfram (University of California, Berkeley)

Organizers

Claude Crampes, [ccrapmes@cict.fr](mailto:crapmes@cict.fr)
Jean Tirole, tirole@cict.fr

Secretariat

Christelle Fauchié/Valérie Nowaczyk
IDEI
Manufacture des Tabacs
21, Allée de Brienne
31042 Toulouse Cedex
Email : elecconf@cict.fr
Tel/Fax : 33 (0)5 61 12 85 97/ 33 (0)5 61 12 86 37

Link

http://www.idei.fr/conference/energy_markets.html

