



Conference

The Economics of Natural Gas

New Research Perspectives for a Rapidly-Changing World

Paris, June 27, 2017

Conference venue

Mines ParisTech

Room L 108

60, Boulevard Saint-Michel

75 006 PARIS

Organizing committee

Prof. Anna Creti (U. Paris-Dauphine)

Prof. François Lévêque (Mines ParisTech)

Dr. Olivier Massol (IFP School))

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8:50-9:00 Welcoming address by François Lévêque

9:00-9:45 Keynote Lecture

- **S. Gabriel** (University of Maryland)
“A Market Equilibrium Approach to Modeling Gas Markets Using the World Gas Model”

9:45-10:45 Session 1: Natural gas infrastructures (A)

Chair : **M. Polo** (Bocconi University and IEFÉ)

- **A. Creti** (Université Paris-Dauphine) and TBC
“When things go wrong: do US gas regional prices move in the aftermath of pipeline accidents?”
- **F. Perrotton** (IFP Énergies Nouvelles and EconomiX Université Paris Nanterre)
“Identifying inefficiencies in an Entry-Exit gas system”

10:45-11:00 Coffee Break

11:00-12:30 Session 2: Natural gas infrastructures (B)

Chair : **R. Ritz** (Cambridge University)

- **L. Chavaz** (University of Basel), J. Abrell (ETH Zürich) and H. Weigt (University of Basel)
“Assessing the supply security – A compound indicator”
- **A. Baba** (Université Paris-Dauphine), A. Creti (Université Paris-Dauphine) and O. Massol (IFP School and City U. of London)
“Toward an ideal international gas market: the role of LNG destination flexibility clauses”
- **O. Massol** (IFP School and City U. of London) and F. Perrotton (IFP Énergies Nouvelles, EconomiX, Université Paris Nanterre)
“Unlocking natural gas pipeline deployment in a LDC: a note on rate-of-return regulation”

12:30-14:00 Lunch

14 :00-15:30

Session 3: An Unconventional Supply?

Chair : **J. Percebois** (University of Montpellier)

- **S. Ikonnikova** (Bureau of Economic Geology, The University of Texas at Austin),
“The U.S. Shale Gas Resource: Outlook for the Industry Reshaping Global Energy”
- **C. Mason** (University of Wyoming) and T. Fitzgerald (Texas Tech University)
“What's in the Secret Sauce? Disclosure and Strategic Interaction in Hydraulic Fracturing”
- **A. Neumann** (Universität Potsdam) and M. Ponce (Universität Potsdam),
“How do US Natural Gas Producers React to Price Changes?”

15 :30-16:30

Session 4: Market integration

Chair : **C. von Hirschhausen** (DIW and TU Berlin)

- **M. Polo** (Bocconi University and IEFE), A. Bastianin (University of Milan), M. Galeotti (University of Milan and IEFE)
“Are European natural gas prices converging? Recent evidence for industrial consumers”
- **E. Dukhanina** (Mines ParisTech), François Lévêque (Mines ParisTech), Olivier Massol (IFP School and City University of London)
“Estimation of the efficiency of policy measures targeting a more integrated gas market”

16:30-17:00

Coffee Break

17:00-18:00

Session 5: New technologies

Chair : **O. Massol** (IFP School and City U. of London)

- **A. Burlinson** (Warwick Business School), M. Giulietti (University of Loughborough), and G. Battisti (Warwick Business School)
“Consumer adoption of energy efficient technologies: Evidence from a UK district heating scheme”
- **S. Heidari** (University of Duisburg-Essen), C. Weber (University of Duisburg-Essen)
“Modeling power-to-gas facilities in a multistage system of natural gas, electricity and emission trading markets”

18:00-18:10 Concluding remarks by François Lévêque