

2nd International Conference

The Economics of Natural Gas

New Research Perspectives for a Rapidly Changing World

Paris, June 21 2019

Conference venue

Paris-Dauphine University

(room A709)

Place du Maréchal de Lattre de Tassigny

75016 PARIS

Organizing committee

Anna Creti (*U. Paris-Dauphine*)

Carole Haritchabalet (*Toulouse School of Economics & Univ. de Pau*)

François Lévêque (*Mines ParisTech*)

Olivier Massol (*IFP School*)

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9:00-9:05 Welcoming address by François Lévêque

9:05-9:50 Keynote Lecture

- **C. von Hirschhausen** (DIW and TU Berlin)
“Gotta get used to not living next door to natural gas”

9:50-10:40 Session 1: The Role of Natural Gas in the Energy Transition

Chair : **A. Creti** (U. Paris-Dauphine)

- **B. Takácsné Tóth** (REKK), **A. Selei** (REKK) and **P. Kotek** (REKK)
“Effects of Deep Decarbonisation on the Natural Gas Sector of the EU-28”
- **M. Roach** (Vlerick Business School) and **L. Meeus** (Vlerick Business School & Florence School of Regulation)
“The Welfare and Price Effects of Sector Coupling with Power-To-Gas”

10:40-11:00 Coffee Break

11:00-12:15 Session 2: The Econometrics of Natural Gas Markets

Chair : **C. Haritchabalet** (Toulouse School of Economics & U. de Pau)

- **A. Baba** (U. Paris-Dauphine), **A. Creti** (U. Paris-Dauphine) and **S. Benkbaier** (U. Paris-Dauphine)
“How efficient are natural gas markets in practice? A multi-resolution approach”
- **A. Thomas** (IFP Energies Nouvelles & U. of Nantes), **Z. Moussa** (U. of Nantes) and **B. Sévi** (U. of Nantes)
“Real-Time Forecasts of Henry Hub Natural Gas Prices”
- **A. Thomas** (IFP Energies Nouvelles & U. of Nantes), **O. Massol** (IFP School and City, U. of London) and **B. Sévi** (U. of Nantes)
“How are day-ahead prices informative for predicting the next day’s consumption of natural gas? Evidence from France”

12:15-13:45 Lunch

13:45-14:30

Keynote Lecture

- **R. Egging** (NTNU)
“Challenges and Opportunities for Natural Gas in the Energy Transition”

14:30-15:20

Session 3: Changing times in Midstream activities

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

- **E. Cam** (U. of Cologne), **D. Lencz** (U. of Cologne) and **S. Schulte** (U. of Cologne)
“Implementing new capacity booking regimes for natural gas transmission networks – How will gas storages be affected?”
- **E. Dukhanina** (Mines ParisTech), **François Lévêque** (Mines ParisTech), **Olivier Massol** (IFP School and City University of London)
“LNG trade and spatial arbitrage: are we facing a globally integrated market?”

15:20-15:40

Coffee Break

15:40-16:30

Keynote Lecture

- **R. Ritz** (Cambridge University)
“Global gas markets, carbon pricing and the future of natural gas”

16:30-17:45

**Roundtable:
Nord Stream 2: The EU sandwiched between the US and Russia?**

Moderator: **A. Creti** (Université Paris-Dauphine)

- **P. Noël** (International Institute for Strategic Studies)
- **Ø. Noreng** (BI Norwegian Business School)
- **Ph. Vedrenne** (ENGIE, Director Gas Supply and Asset Management)

17:45-18.00 Concluding remarks by François Lévêque