

Workshop

The Economics of Gas

New Research Avenues for a Reconfigured Gas Scene

Paris, May 22, 2023

Conference venue

Paris-Dauphine University

Place du Maréchal de Lattre de Tassigny
75016 PARIS

Organizing committee

Anna Creti (*U. Paris-Dauphine*)

Renaud Coulomb (*Mines Paris*)

François Lévêque (*Mines Paris*)

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

Olivier Massol (*IFP School*)

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8.55-9.00 Welcoming address

9.00 -10.00 Keynote Lecture

- **R. Ritz** (Cambridge University)
“Natural gas markets: From the energy crisis towards net zero”

10.00-12.30 Session 1: Gas Infrastructures

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

- N. Moskalenko, L. Barner, F. Holz, K. Löffler, B. Steigerwald, **C. von Hirschhausen** (TU Berlin/DIW Berlin)
“*Expanding Natural Gas Cross-Border Flows in Europe through the Optimal Use of the Pipeline Grid: A Stylized Model Comparison*”

Coffee Break (10.40-11.10)

- **D. Lowing** (Chaire Economie du Gaz)
“*Cost Allocation in Natural Gas Distribution Networks*”
- **A. Nicolle** (CentraleSupélec), D. Cebreros, O. Massol, E. Jagu Schippers
“*Modeling CO₂ pipeline systems: An analytical lens for CCS regulation*”

12.30-13.30

Lunch

13.30-14.30

Keynote Lecture

- **S.A. Gabriel** (University of Maryland)
“Title to be announced”

14.30-17.00

Session 2: The Role of Gas in the Energy Transition

Chair: **O. Massol** (IFP School)

- **L. Barner** (TU Berlin and DIW Berlin), R. Egging-Bratseth (NTNU Trondheim), F. Holz (DIW Berlin and NTNU Trondheim), C. Kemfert (DIW Berlin), B. Steigerwald, (TU Berlin and DIW Berlin), C. von Hirschhausen, (DIW Berlin),
“*Long-Term Development of European Natural Gas Markets – Scenario Analysis using the Global Gas Model (GGM)*”

Coffee Break (15.10-15.40)

- **A. Blanchard** (Chaire Economie du Gaz),
“*Assessing the Economic Value of Underground Hydrogen Storage for Germany's Energy Supply Security*”
- **C. Mégy** (Chaire Economie du Gaz), O. Massol
“*Is Power-to-Gas always beneficial? The implications of ownership structure*”

17:00-17:10 Concluding remarks by François Lévêque