



International Workshop

Chair The Economics of Gas

New Research Avenues

Paris, September 26, 2023

Venue

Mines Paris PSL (60 bd Saint Michel, 75006)

Salle des colonnes

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 (*CentraleSupélec*)

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8:30-9:00 Café & croissants

9:00-9:05 Welcoming address

9:05-12:15 Doctoral students session

- **L. Barner** (TU Berlin and DIW Berlin)
“Market Power Modeling in Future Hydrogen Markets”
- **A. Blanchard** (Chaire Economie du Gaz), **C. Mégy** (Chaire Economie du Gaz),
“Assessing the Economic Value of Underground Hydrogen Storage for Germany's Energy Supply Security”
- **J. Ancel** (Chaire Economie du Gaz),
“Demand Response when Flat and Dynamic Retail Tariffs coexist”

10:35-10:45 Coffee Break

- **F. Michelet** (Chaire Economie du Gaz), *“The impact of electricity market integration on the costs of CO2 emissions abatement through renewable energy promotion”*
- **P. Cizmic** (Chaire Economie du Gaz), *“Regulation, oil and gas industry and banking institutions: a love triangle in the age of climate change”*.
- **F. de Pradier d’Agrain** (Chaire Economie du Gaz), *“Making abundant oil more abundant: exploration and development of oil fields in a climate wise world”*.

12:15-13:30

Lunch

13:30-16:00 General Session: Gas infrastructures, technology and climate

Four presentations by Senior researchers from the Gas Chair, DIW Berlin and FSR

- **F. Holz** (DIW Berlin),
“Greenhouse gas emissions in the natural gas value chain and options for their inclusion in the EU-ETS and CBAM ”
- **M. Sesini** (Florence School of Regulation),
“Gas & Hydrogen Initiatives at FSR: Current Research and Future Outlook ”

14:30-14:45 Coffee Break

- **A. Creti** (Université Paris Dauphine PSL*),
“Putting a Cap on Diffuse Emissions (ETS 2): an Effective Constraint on Gas Consumers”
- **O. Massol** (CentraleSupélec),
“The Subtle Economics of Carbon Capture and Storage: A Review”

16:30 - 18:30 Roundtable Designing a collaborative research program

Collective discussion led by senior researchers on emerging research topics and the possibility to jointly address them

18:30-18:45 Wrap-up & concluding remarks by François Lévêque