



Chair Prospective Modeling
for sustainable development

**National and international governance in the
fight against climate change**
Feedback and ways of improvement

November 13th 2019

9 :30am - 4 :30pm

MINES ParisTech
60 boulevard Saint Michel – 75006 Paris
Salles V115-V116



9h: Welcome

9h30 – 9h35 Opening by MINES ParisTech

9h35 - 12h00: Energy Transition: Six contributions from prospective modelling

International perspectives

- Vivien FISCH (CIRED): Transport Infrastructures in a Low-Carbon World: an assessment of investment needs and their determinants
- Mathilde TESSIER (CMA): Integrating social acceptance of energy projects into the prospective modeling of the global energy transition
- Gildas SIGGINI (CMA) : Investment choices and uncertainties around the channels in the decarbonisation of the European electricity mix.

10h35-11h00: Pause

National perspectives

- Marion LEROUTIER (CIRED): Counterfactual analysis of a carbon tax in the UK electricity sector
- Berang SHIRIZADEH (CIRED): Decarbonisation of the French electricity sector; what role for renewables, nuclear, CCS and BECCS?
- Ariane MILLOT (CMA): Guiding the future energy transition towards zero net CO₂ emissions: the case of France and Sweden

12h00 - 13h00: Multi-annual Energy Programming and Climate Plan

Aude CHARRIER, Office Manager, DGEC (*speaker to be confirmed*)

Discussion with the audience

13h00 - 14h30: Lunch break

14h30 – 15h00: Update on the work of Haut Conseil pour le Climat (High Council for Climate Change)

- Corinne LE QUERE, Chair of the Haut Conseil pour le Climat, Research Professor at the University of East Anglia

15h00- 16h30: The work of the IPCC, from its elaboration to its inclusion into the public debate

The Development Process and Issues for the Future Sixth Assessment Report (AR6)

- Franck LECOQ (CIRED): Structure of Working Group III
- Nadia MAÏZI (CMA): The new chapter on demand

The three recent special reports: outcomes and reception

- Jean Charles HOURCADE (CIRED): Special Report on Global Warming of 1.5°C
- Nathalie de NOBLET-DUCOUDRE (Institut Pierre-Simon Laplace) : Special Report on Climate Change and Land

16h30-16h35 : Closing remarks