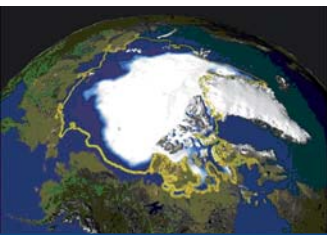




organisé par **Nicholas STERN**
chaire Développement durable – Environnement, Énergie et Société
et **Roger GUESNERIE**
chaire Théorie économique et organisation sociale



Managing Climate Change June 7 - 8, 2010

The conference's program covers two days. During the first day, discussions will focus on long-term economics. Some of the chief participants in the animated debate that climate policy has generated among economists will be present. At the heart of the debate are the principles of cost-benefit analysis and the question of the long term discount rate. The second day's discussions will revolve around innovation and institutional choices. As on the first day, leading specialists will present their views. Among the participants will be two Nobel Prize laureates in economics: Sir James Mirrlees on the first day and Thomas. C. Schelling on the second.

Program

June 7 The Economics of the Long Run

- 9h15 **Introduction**
- 9h30 Martin Weitzman, Harvard University
GHG Targets as Insurance against Catastrophic Climate Damages
- 10h15 Thomas Sterner, University of Gothenburg
Climate Policy, Prudence, and the Role of Technological Innovation
- 11h00 Break
- 11h30 Roger Guesnerie, College de France & Paris School of Economics
Ecological Intuition Versus Economic Reason
- 12h15 William Nordhaus, Yale University
Economic Policy in the Face of Severe Tail Events
- 13h00 Lunch
- 14h30 Christian Gollier, Toulouse School of Economics
Socially Efficient Discount Rate under Ambiguity Aversion
- 15h15 Cameron Hepburn, University of Oxford
Discounting, Ethics and Climate Change
- 16h00 Pause
- 16h20 **Short sessions**
- Michel de Lara, CERMICS
Risk and Sustainability: Is Viability That Far from Optimality?
- Charles Figuières, INRA-LAMETA
The MBR Social Choice Criterion Meets Rawls's view of Intergenerational Equity
- Fabien Prieur, Université de Savoie
The Optimal Control of Pollution under Uncertainty and Irreversibility
- Jean-Charles Hourcade, CIRED
Determinants of the Social Cost of Carbon:
Public Economic Principles in a Controversial Future

June 8 Fostering Innovation and Climate Policy

- 9h30 Nicholas Stern, College de France & London School of Economics
Low Carbon Growth and the Political Economy of a Global Agreement
- 10h15 Ujjayant Chakravorty, University of Alberta
Can Nuclear Power Supply Clean Energy in the Long Run? A Model with Endogenous Substitution of Resources
- 11h00 Break
- 11h15 Philippe Aghion, Harvard University
Climate Change and the Role of Directed Innovation
- 12h00 **Round Table: Climate Policy and Technological Change**
Roger Guesnerie, Nicholas Stern, Jean Tirole and Henry Tulkens
- 12h45 Lunch
- 14h15 Thomas C. Schelling, University of Maryland
International Coordination to Address the Climate Challenge
- 15h Jean Tirole, Toulouse School of Economics
Regional Initiatives and the Cost of Delaying Climate Change Agreements
- 15h45 Break
- 16h00 Humberto Llavador, Universitat Pompeu Fabra
A Dynamic Analysis of Human Welfare on a Warming Planet
- 16h45 Closing address
- Discussants 1st day: Antoine d'Autume (Université Paris I), Jean-François Mertens (Université Catholique de Louvain), Sir James Mirrlees (Cambridge University), Partha Sen (Dehli School of Economics)
- Discussants 2nd day: Pierre-Noël Giraud (Ecole des Mines), Henry Tulkens (Université Catholique de Louvain), Jean-Pierre Ponsard (Ecole Polytechnique), Alex Bowen (London School of Economics)

Toutes les conférences sont en anglais. La table ronde est en français.

Une traduction simultanée est assurée dans l'amphithéâtre Maurice Halbwachs.

À partir du 17 juin, les conférences seront accessibles en français et en anglais sur www.college-de-france.fr