

Third Workshop on Game Theory in Energy, Resources and Environment

Program

Thursday, December 10, 2009

Nancy et Michel-Gaucher Room
Green Section / 1st floor

- 8:00 – 8:45 **Registration**
- 8:45 – 9:00 **Welcome address**
- 9:00 – 10:00 **Invited Talk 1** Chair: Georges Zaccour
Game Theory and Water Resources: Critical Review of its Contributions, Progress and Remaining Challenges
Ariel Dinar, University of California, Riverside, USA
- 10:00 – 10:30 **Coffee break**
- 10:30 – 12:30 **Session 1** Chair: Marc Santugini
Farsightedness in a Great Fish War Model with Asymmetric Players
Michèle Breton, **Michel-Yevenunye Keoula**, GERAD, HEC Montréal, Canada
Detrimental Market Integration in a Dynamic Duopoly
Kenji Fujiwara, Kwansei Gakuin University, Japan
On Capturing Foreign Oil Rents
Octave Keutiben, Université de Montréal, Canada
On Resource Extraction under the Threat of a Climate Change
Eric Fesselmeyer, National University of Singapore, **Marc Santugini**, HEC Montréal and CIRPEE, Canada
- 12:30 – 14:00 **Lunch** - Salon L'Oréal / Garden level (Rez-de-jardin)
- 14:00 – 16:00 **Session 2** Chair: Alfredo García
The Irish TIMES Energy Modeling Project
Brian O'Gallachoir, University College Cork, Ireland, **Denis Lavigne**, Collège Militaire de Saint-Jean, Canada,
Ullash Kuma Rout, University College Cork, Ireland
Analysis of Quantized Auctions in Competitive Electricity Markets
Peng Jia, **Peter Caines**, McGill University, Canada
Choosing to Pay More for Electricity - An experiment to test the level of residential consumer cooperation in increasing electricity price in Québec
Pierre-Olivier Pineau, HEC Montréal, Canada, **Jim Engle-Warnick**, CIRANO and McGill University, Canada,
Juan Robledo, CIRANO, Canada
Regulatory Design and Incentives for Renewable Energy
Alfredo García, University of Virginia, USA, **Juan Alzate**, Universidad de los Andes, Colombia
- 16:00 – 16:30 **Coffee break**
- 16:30 – 17:30 **Invited Talk 2** Chair: Pierre-Olivier Pineau
The Quadratic Game Design Problem with Application to Climate International Agreement
Alain Haurie, ORDECSYS, Switzerland
- 19:30 – **Dinner** - Restaurant Alep

9:00 – 10:30

Session 3 Chair: Patrick Saint-Pierre

Inducing Cooperation in Dynamic Non-Cooperative Games: A Simple Case
Etienne B. de Villemeur, Toulouse School of Economics, France

Buying Cooperation in an Asymmetric Environmental Dynamic Game

Pascaux Smala Fanokoa, GERAD, HEC Montréal, Canada, **Issam Telahigue**, ESG, UQAM, Canada, **Georges Zaccour**, GERAD, HEC Montréal, Canada

Viability and Sustainable Development

Patrick Saint-Pierre, LASTRE & SDFi-VJC, France

10:30 – 11:00

Coffee break

11:00 – 12:30

Session 4 Chair: Talat Genc

Discretely-Constrained Games

Steven Gabriel, University of Maryland, USA

Dynamic Games in the Wholesale Electricity Market

Ahlem Dakhloui, LEGI-École Polytechnique de Tunisie, Tunisia

Dynamic Competition Electricity Markets: Hydropower and Thermal Generation

Genc Talat, **Henry Thille**, University of Guelph, Canada

12:30 – 14:00

Lunch - DeLoitte Room / 4th floor

14:00 – 16:00

Session 5 Chair: Rodney Beard

Multilateral Trade Liberalization in Open Economies under Asymmetry, Transboundary Pollution, and Imperfect Competition

Robeny Bruno Nkuiya Mbakop, Université de Montréal, Canada

Pollution Accumulation and the Greening of Consumption: Notes on the Design of the Optimal Tax Policy

Denis Claude, **Georges Zaccour**, GERAD, HEC Montréal, Canada

A Tale of Two Externalities: Environmental Policy and Market Structure

Ana Espinola-Arrendondo, **Felix Munoz-Garciá**, Washington State University, USA

Hotelling with Network Externalities

Rodney Beard, Groupe Sup de Co La Rochelle, France, **Ujjayant Chakravorty**, University of Alberta, Canada

16:00 – 16:30

Coffee break


16:30 – 17:30

Invited Talk 3 Chair: Michèle Breton

The Environmental Goods and Services Industry

Bernard Sinclair-Desgagné, HEC Montréal, Canada

19:30 –

Dinner - Bistro Olivieri


Email Room: United Rentals Room / Green Section