

Program – May 3-4, 2024 – Room Deloitte, 4th floor
Games and Optimization - Workshop in honor of Michèle Breton

Friday, May 3

9:00 – 9:25 **Registration**
9:25 – 9:30 **Welcome address**

9:30 – 10:30 **Invited talk 1, Chair: Georges Zaccour**

Optimal Economic Growth under Climate Constraints: An Infinite Horizon Optimization Viewpoint
Alain Haurie

10:30 – 11:00 **Break**

11:00 – 12:30 **Session 1, Chair: Javier de Frutos**

11:00 – 11:30 A simple political paradigm and the topology of compromise
Joseph Abdou

11:30 – 12:00 Restrictive Clauses in Loan Contracts: A Sequential Stackelberg Game Interpretation
Tiguéné Nabassaga, Michèle Breton

12:00 – 12:30 Discrete-Time Approximations to Infinite Horizon Differential Games
Javier de Frutos, Victor Gatón, Victor, Julia Novo

12:30 – 14:00 **Lunch (Salle de réception Guy-Fr chette, A.878)**

14:00 – 16:00 **Session 2, Chair: Lucia Sbragia**

14:00 – 14:30 Feedback Nash Equilibria in Differential Games with Impulse Control
Utsav Sadana, Reddy, Puduru Viswanadha, Georges Zaccour

14:30 – 15:00 Nuanced versus extremal expression of opinions in the presence of social influence?
Emily Tanimura

15:00 – 15:30 Improving Power Supply in Developing Countries by Whitening Black Electricity Markets
Bertrand Crettez, Marie Layoun, Chlo  Le Coq

15:30 – 16:00 International Collaboration in Environmental Agreements to Address Climate Change
Lucia Sbragia

16:00 – 16:30 **Break**

16:30 – 18:00 **Session 3, Chair: Hatem Ben Ameer**

16:30 – 17:00 Environmental Regulation and Inspection Delegation with Stock Pollution
Carmen Arguedas, Francisco Cabo, **Guiomar Mart n Herr n**

17:00 – 17:30 Payment Schemes for Sustaining Cooperation in Dynamic Games Played over Event Trees
Elena Parilina, **Georges Zaccour**

17:30 – 18:00 Dynamic Programming for Valuing Options Embedded in Corporate Bonds
Malek Ben-Abdeltif, **Hatem Ben Ameer**, Rim Cherif, Tarek Fakhfakh

18:30 **Cocktail (Centre de conf rence Claude-S guin, A.373)**

Saturday, May 4

9:00 – 11:00 Session 4, Chair: Sihem Taboubi

- 9:00 – 9:30** An Overview of Hydrogen System Modeling Efforts in the G-IAM group
Olivier Bahn
- 9:30 – 10:00** Reliability in a 100% Decarbonized Power Sector: The Complementary Role of Flexible Resources
Pierre-Olivier Pineau
- 10:00 – 10:30** Social Norms and International Environmental Agreements
Simone Marsiglio, **Nahid Masoudi**
- 10:30 – 11:00** Risk-Sensitive Control and Mean Field Games
Hanchao Liu, **Dena Firoozi**, Michèle Breton
- 11:00 – 11:30** **Break**

11:30 – 12:30 Invited talk 2, Chair: Pierre-Olivier Pineau

- Dynamic Optimization and Dynamic Games
Michèle Breton
- 12:30 – 14:00** **Lunch (Salle de réception Guy-Fr chette, A.878)**
- 19:00** **Dinner**

Conference venue

[HEC Montr al, H l ne-Desmarais Building](#)
Room Deloitte (A.451), 4th floor
501, rue de la Gaucheti re Ouest
Montr al (Qu bec) H2Z 1Z5

Dinner venue

[Restaurant Le Bleu Raisin](#)
5237 R. Saint-Denis, Montr al, QC H2J 2M1