

Eighth Workshop on Dynamic Games in Management Science

HEC Montréal, October 27-28, 2016

Nancy et Michel-Gaucher Room

Program

Thursday, October 27

8:00 – 8:45 Registration

8:45 – 9:00 Welcome Address

9:00 – 10:00 Invited Session 1. Chair: Georges Zaccour

Zero-sum, continuous time games with asymmetric information

Catherine Rainer

10:00 – 10:30 Break

10:30 – 12:30 Contributed Session 1. Chair: Meir Pachter

Dynamic reformulation of the classical static properties of the cooperative solutions

Ekaterina Gromova

Asymptotic value in frequency-dependent games; a differential approach

Nikolaos Pnevmatikos, Joseph Abdou

A dynamic collective choice model with an advertiser

Rabih Salhab, Roland Malhamé, Jérôme Le Ny

Active target defense differential game

Meir Pachter, David Casbeer, Eloy Garcia

12:30 – 14:00 Lunch

14:00 – 16:00 Contributed Session 2. Chair: Monica-Gabriela Cojocaru

Dynamic duopolistic competition with sticky prices under uncertainty

Luca Colombo, Paola Labrecciosa

Value of common information in static teams

Mohammad Afshari, Aditya Mahajan

Advertising a product to face a competitor's entry: a differential game approach

Alessandra Buratto, Stefan Wrzaczek

The emergence of equilibrium help strategies and runaway competitive helping with increased partner matching and passively provided help

Monica-Gabriela Cojocaru, Erin Wild

16:00 – 16:30 Break

16:30 – 17:30 Invited Session 2. Chair: Michèle Breton

Mean field decision making: modeling and analysis, with application to stochastic growth

Minye Huang

18:00-20:00 *Wine & Cheese Party*

Friday, October 28

9:00 – 10:30 Contributed Session 3. Chair: Afzal Siddiqui

Contract theory and sustainable fish wars with migrant species

Ilyass Dahmouni

Evaluating an interconnection project: How strategic interactions matter?

Sébastien Debia, David Benatia, Pierre-Olivier Pineau

Sustainable transmission planning in imperfectly competitive electricity industries: Balancing economic efficiency and environmental outcomes

Afzal Siddiqui, Tanaka Makoto, Chen Yihsu

10:30 – 11:00 *Break*

11:00 – 12:30 Contributed Session 4. Chair: Nahid Masoudi

The role of adaptation on the transition to a low-carbon economy

Thierry Bréchet, **Baris Vardar**

Mergers in exhaustible resource markets

Hassan Benchekroun, **Michèle Breton**, Amrita Ray Chaudhuri

Collective effort on adaptation technologies

Nahid Masoudi

12:30 – 14:00 *Lunch*

14:00 – 16:00 Contributed Session 5. Chair: Paola Labrecciosa

Environmental collaboration and process innovation in supply chain management

Liu Baolong, Pietro De Giovanni

Dynamic franchising decisions

Nathan Yang

Incentive mechanisms for price and advertising coordination in dynamic marketing channels

Sihem Taboubi

Stackelberg versus Cournot: A differential game approach

Paola Labrecciosa, Luca Colombo

16:00 – 16:30 *Break*

16:30 – 17:30 Invited Session 3. Chair: Sihem Taboubi

Game theoretic models in regulated closed-loop supply chains

Atalay Atasu

19:30 **Workshop Dinner**