Tenth Workshop on Dynamic Games in Management Science

ESSEC-Afrique, Rabat, Morocco
November 1-2, 2018

Program

Thursday, November 1

9:00 – 9:15 Registration
9:15 – 9:30 Welcome Address

9:30 – 10:30 Invited Session 1. Chair: Fouad El Ouardighi

Planning the Unusual: From OC TO DG Models
Gustav Feichtinger

10:30 – 11:00 Break

11:00 – 13:00 Contributed Session 1. Chair: Guiomar Martín-Herrán

A Stackelberg duopoly model with sticky prices and myopic follower
Katarzyna Kanska, **Agnieszka Wiszniewska-Matyszkiel**

Conformance quality strategy, cooperative programs and coordination in a dynamic supply chain
Pietro De Giovanni

Equilibria in a Two-Species Fishery
Michèle Breton, **Ilyass Dahmouni**, Georges Zaccour

On Spatial Effects in Cooperative and Non-Cooperative Transboundary Pollution Dynamic Games
Javier de Frutos, **Guiomar Martín-Herrán**

13:00 – 14:30 Lunch

14:30 – 16:00 Contributed Session 2. Chair: Hatem Ben Ameur

Exploitation of a Productive Asset in the Presence of Strategic Behavior and Pollution Externalities
Baris Vardar, Georges Zaccour

The potential approach to analyze Nash equilibria for some differential games
Alejandra Fonseca-Morales

Dynamic Pricing of New Products in Competitive Markets: A Mean-Field Game Approach
Régis Chenavaz, Corina Paraschiv, Gabriel Turinici

Valuing corporate securities when the firm's assets are illiquid
Hatem Ben Ameur

16:30 – 17:00 Break

17:00 – 18:00 Invited Session 2. Chair: Peter Kort

Institutional dynamics in resource-rich countries as dynamic games
Raouf Boucekkine

20:00- Cocktail

Friday, November 2

9:30 – 10:30 Invited Session 3. Chair: Pietro de Giovanni

Dynamic Games in Finance
Michèle Breton

10:30 – 11:00 Break

11:00 – 13:00 Contributed Session 3. Chair: Javier de Frutos

Adaptive rule suitability in Cournot repeated games based on the market's competition level
George P. Papavassilopoulos, **Nikolaos Chrysanthopoulos**

Dynamic Investment Strategies and Leadership in Product Innovation
Herbert Dawid, Michel Keoula, Michael Kopel, **Peter M. Kort**

Transboundary Pollution Control and Environmental Absorption Efficiency Management
Fouad El Ouardighi, Konstantin Kogan, Giorgio Gnecco, Marcello Sanguineti

Analytical characterization of optimal emission location strategies in a multiregional transboundary pollution differential game with spatially distributed controls
Javier de Frutos, Guiomar Martín-Herrán

13:00 – 14:30 Lunch

14:30 – 16:00 Contributed Session 4. Chair: Baris Vardar

New types of equilibria emerging in almost symmetric multi-modal differential games and their regularizations
Anton Bondarev

The replicator dynamics for games in metric spaces: a finite-dimensional approximation
Saul Mendoza-Palacios, Onésimo Hernández-Lerma

Optimal Harvesting and Taxation when Accounting for Marine Environmental Quality of the Fishery
Ngo van Long, Mabel Tidbal, **Georges Zaccour**

16:00 – 16:30 Break

16:30 – 17:30 Invited Session 4. Chair: Georges Zaccour

OPEC, Shale Oil, and Global Warming
Hassan Benchekroun

19:30- Workshop Dinner