Banff Workshop Program

May 2006, Banff research station

Organizers: Jaksa Cvitanic, Ali Lazrak and Nizar Touzi.

Day 1 –Sunday, May 21, 2006

Session 1

Chair: Jaksa Cvitanic

8.30-9.00: Introduction to BIRS

9.00–9.55: Jérôme Detemple (Boston University)

Dynamic Asset Allocation: a Portfolio Decomposition Formula and Applications

Joint with Marcel Rindisbacher

9.55-10.50: Costis Skiadas (Northwestern)

Optimality and State Pricing in Constrained Financial Markets with Recursive Utility and Information Generated by Brownian Motion and Marked Point Processes

Joint with Mark Schroder

10.50- 11.15: Coffee break

11.15-12.10: Neng Wang (Columbia)

Investment, Consumption and Hedging under Incomplete Markets

Joint with Jianjun Miao

12.10-13.30: Lunch break

Session 2

Chair: Marcel Rindisbacher

14.00-14.55: Diego Garcia (Dartmouth)

Optimal contracts with privately informed agents and active principals

14.55-15.10: Coffee break

15.10-16.05: Imen Ben Tahar (TU Berlin and CREST)

Modeling continuous-time financial markets with capital gains taxes

Joint with Mete Soner and Nizar Touzi

17.30 to 19.30: Dinner

Day 2 –Monday, May 22, 2006

Session 1

Chair: Roger Wets

9.00–9.55: Peter DeMarzo (Stanford)

A Continuous-Time Agency Model of Optimal Contracting and Dynamic Capital Structure

Joint with Yuliy Sannikov

9.55-10.50: Yuliy Sannikov (Berkeley)

Agency Problems, Screening and Increasing Credit Lines

10.50- 11.15: Coffee break

11.15-12.10: Jianfeng Zhang (University of Southern California)

Continuous-Time Principal-Agent Problems with Hidden Action: The Weak Formulation

Joint with Jaksa Cvitanic and Xuhu Wan

12.10-13.30: Lunch break

13.45: General picture on the steps outside Corbett Hall

Session 2

Chair: Jin Ma

14.00-14.55: Noah Williams (Princeton)

Efficient Allocations in a Dynamic Moral Hazard Economy

14.55-15.10: Coffee break

15.10-16.05: Ali Lazrak (University of British Columbia)

Being serious about non-commitment: subgame perfect equilibrium in continuous time

Joint with Ivar Ekeland

17.30 to 19.30: Dinner

Day 3 –Tuesday, May 23, 2006

Session 1

Chair: Jiang Wang

9.00–9.55: Chris Rogers (Cambridge)

A Bayesian solution to the equity premium puzzle

Joint with A. Jobert, A. Platania

9.55-10.50: Stavros Panageas (Wharton)

Bailouts and the Incentive to Manage Risk

10.50- 11.15: Coffee break

11.15-12.10: Huyen Pham (Paris 6)

Optimal switching problem and real options: an explicit solution in the multi-regime case

Joint with Vathana Ly Vath and Xunyu Zhou.

12.10-13.30: Lunch break

14.00- 15.00: Campus tour Jim Olver will show us the different artistic activities of the center)

Free Afternoon (We may organize a small hike around the center (if there is demand) or you may visit the town of Banff (which is walking distance from the station)).

17.30 to 19.30: Dinner

Day 4 –Wednesday, May 24, 2006

Session 1

Chair: Matt Davison

9.00–9.55: Walter Schachermayer (Vienna University of Technology)

Optimal risk sharing for law invariant monetary utility functions

Joint with Elyes Jouini and Nizar Touzi

9.55-10.50: Bruno Bouchard (Paris 6)

Discrete time approximation of BSDEs. An overview of recent advances: Paper 1, Paper 2

10.50- 11.15: Coffee Break

11.15-12.10: Monique Jeanblanc (Evry)

Credit risk models

12.10-13.30: Lunch break

Session 2

Chair: Lazrak

14.00-14.55: Gordan Zitkovic (University of Texas)

Are Option-pricing and Utility-maximization Problems Well-posed?

14.55-15.10: Coffee break

15.10-16.05: Ulrich Horst (University of British Columbia)

Climate Risk, Securitization, and Equilibrium Bond Pricing

Joint with Matthias Muller

16.10-17.05: Harjoat Bhamra (University of British Columbia)

Credit Risk, Equity Risk and Learning

Joint work with Lars-Alexander Kuehn and Ilya A. Strebulaev

17.30 to 19.30: Dinner

Day 5 –Thursday, May 25, 2006

Session 1

Chair: Walter Schachermayer

9.00–9.55: Herve Roche (Instituto Technologico Autonomo de Mexico)

Debt Financing Irreversible Investment

9.55-10.10: Coffee break

10.10-11.05: Mihai Sirbu (Columbia)

Sensitivity analysis of utility-based prices and risk-tolerance wealth processes

Joint with Dmitry Kramkov

Check out by Noon

12.10-13.30: Lunch break and end of the workshop.