

05w5103 Canada-Chile meeting on the mathematics of economic geography and natural resource management

November 26 - December 1, 2005

Organizers: Ivar Ekeland (University of British Columbia), Alejandro Jofre (CMM, University of Chile).

Saturday 26

Arrival to Banff

Sunday 27

8:30 - 9:00. I. Ekeland and A. Jofré: Welcome

9:00 - 10:00 T. Rockafellar: "Risk Concepts in Optimization"

10:15 - 11:15 R. Wets "Equilibre stochastiques"

11:30 - 12:30 S. Sorin "Stochastic Approximations and Differential Inclusions"

Lunch

14:00 - 15:00 A. Jofre "Discontinuous games and applications"

15:15 - 16:15 A. Lucet: "Fast algorithms for the Fenchel transform"

Monday 28

9:00 - 10:00 U. Horst "Climate risk"

10:15 - 11:15 M. Queyranne "Sequence Optimization in Block Cave Mining"

11:30 - 12:30 F. Alvarez, J. Dávila and R. Manasevich. "Rockmass Instabilities Induced by Mining Excavations".

Lunch

14:00 - 15:00 M. Trummer "Medical imaging.

15:15 - 16:30 Mining group discussion.

Tuesday 29

9:00 - 10:00 R. Comminetti "Stochastic Equilibrium in transportation models"

10:15 - 11:15 G. Carlier "Congestion in transportation models"

11:30 - 12:30 I. Ekeland "Hedonic Models"

Lunch

Wednesday 30

9:00 - 10:00 J.-S. Pang “Approximations of Nash Equilibria”

10:15 - 11:15 P. Gajardo and H. Ramirez “Fishery management problems”

11:30 - 12:30 J. Rivera “Consumption rights in equilibrium models”

Lunch

14:00 - 15:00 N. Figueroa: “Optimal Multi-Unit Auctions: Who gets what Matters”

15:30 - 16:30 P. Jara “Land use equilibrium models”

Thursday 1

Open discussions.