



Journée des Étudiants du GERAD

Jeudi, 14 mars 2019 / March 14th, 2019
Salle Saint-Hyacinthe - HEC Montréal
(pavillon Decelles)

Programme

Horaire	Activité
14h00 – 14h10	Mot du directeur / Word from the Director
14h10 – 14h55	Première session / First Session
14h55 – 15h10	Pause / Break
15h10 – 16h00	Deuxième session / Second Session
16h00 – 16h15	Pause / Break
16h15 – 17h00	Troisième session / Third Session
17h00 – 18h30	5@7

Sessions

Session 1 : 14h10 - 14h55

- Frédéric Quesnel** F. Soumis, G. Desaulniers
Traitement des Contraintes de Langues dans le Problème de Rotations Aériennes
- Sajad Aliakbari Sani** E. Delage, O. Bahn
Implementation Error of Demand Response Management Using Robust Optimization
- Luciano Costa** G. Desaulniers, C. Contardo
Column Generation Algorithms for Rich Vehicle Routing Problems
- Marie Pied** M. Anjos, R. Malhamé
A Flexibility Product for Water-Heater Aggregators on the Electricity Markets
- Jafar Chaab** G. Zaccour
Competitive Dynamic Diffusion Model for Subscription Services
- Antoine Prouvost** A. Lodi, Y. Bengio
Machine Learning for Combinatorial Optimization

Session 2 : 15h10 - 16h00

- 7 **Guillaume Mestdagh** Y. Goussard, D. Orban
Scaled Methods for X-ray Tomography in Cylindrical Coordinates
- 8 **Tiphaine Bonniot** D. Orban
Analyse et Complexité de la Méthode BFGS à Mémoire Limitée avec des Valeurs Inexactes de l'Objectif et de son Gradient.
- 9 **Utsav Sadana** G. Zaccour
Is it Time to Intervene? An Impulse Control Approach to Dynamic Games
- 10 **Sean Gorgan** R. Pellerin, M. Gamache
Allocating SAR resources after a tornado disaster
- 11 **Saeed Marzban** E. Delage
Equal Risk Pricing and Hedging in Incomplete Markets
- 12 **Matthieu Gruson** J-F. Cordeau, R. Jans
Integrated Three-Level Lot Sizing and Distribution Problem

Session 3 : 16h15 - 17h00

- 14 **Rosemarie Santa González** M. Cherklesly
Location Routing of Mobile Clinics
- 14 **Vinicius Neves Motta** M. Gendreau, M. Anjos
Demand Response Resources Optimal Dispatch Considering the Impacts on the Transmission Network
- 15 **Defeng Liu** A. Lodi
Learn to Eliminate Sparse Graphs
- 16 **Ludovic Salomon** S. Le Digabel
Multiobjective Black-Box Optimization Under General Constraints
- 17 **Sriram Sankaranarayanan** A. Lodi
Nash Games Among Bilevel Leaders
- 13 **Alexis Montoison** D. Orban
Multi-Precision Methods
- 18 **Shiva Zokaee** E. Delage
The Application of Sparse Regression to the General Static Stochastic Programming Problems