



COSMO – Stochastic Mine Planning Laboratory
Mining Engineering

Board's Dinner with Staff, Students and Friends

June 21st, 2017

18:30 – 23:00

Cocktails from 17:30 – 18:30

Location:

L'Atelier d'Argentine Vieux-Po

355 Rue Marguerite d'Youville, Montréal, QC H2Y 2C4

(514) 287-3362

Reservation under COSMO



COSMO – Stochastic Mine Planning Laboratory Mining Engineering

PROGRAM

Technical Day – Thursday, June 22nd, 2017

Room 267, Macdonald Engineering Building, 817 Sherbrooke W., Montreal

8:30 – 9:00	Welcome
9:00 – 9:30	Optimizing Mining Complexes with Capital Expenditures: A Hyper-Heuristic Approach <i>Amina Lamghari</i>
9:30 – 10:00	Updating Destination Policy with New Sensor Information in a Mining Complex: Fast Mechanism Using Machine Learning <i>Ashish Kumar</i>
10:00 – 10:30	High-Order Categorical Simulation Using High-Order Spatial Statistics in Application to a Large Gold Deposit Mineral Deposits <i>Ilnur Minniakhmetov</i>
10:30 – 11:00	Coffee Break
11:00 – 11:30	Expanding Higher Order Simulation at Block Scale <i>Joao de Carvalho</i>
11:30 – 12:00	A High-Order Simulation Method by Multivariate Kernel Density Estimation <i>Lingqing Yao</i>
12:00 – 12:30	Optimizing a Mineral Value Chain with Geological Uncertainty and the Price Uncertainty of Multiple Commodities <i>Jian (Ray) Zhang</i>
12:30 – 13:30	Lunch
13:30 – 14:00	Dynamic Mid-Term Optimization with Technical Risk Management in a Mining Complex <i>Fernanda Del Castillo</i>
14:00 – 14:30	A New Algorithm for a Multi-Product Open Pit Mine Scheduling Problem <i>Zayneb Brika</i>
14:30 – 15:00	Simultaneous Stochastic Optimization of Mining Complexes: An Application at Twin Creeks, Nevada <i>Ziad Saliba</i>
15:00 – 15:30	Coffee Break
15:30 – 16:00	Non-Stationary Spatial Cumulants for Data on Irregular Grids <i>Amir Abbas Haji Abolhassani</i>
16:00 – 16:30	Dynamic Stochastic Long Term Mine Planning Model and Application <i>Adrien Rim��le</i>
16:30 – 17:00	Closing Remarks: Research in the Year Ahead