



McGill

Post Doctoral Research Fellow Positions in

Stochastic Optimization of Industrial (Mining) Complexes

Highly qualified candidates are sought for Post-Doctoral Research Fellow positions in the above area and to work under the research programs of McGill's COSMO-Stochastic Mine Planning Laboratory. The COSMO Lab is generously supported by global mining companies: AngloGold Ashanti, Barrick Gold, BHP Billiton, De Beers, Newmont Mining and Vale. Funding is also provided by NSERC, the CRC Program and CFI. Research stresses the development of new risk based integrated technologies in strategic mine planning and operation of mining supply chains as well decision-making under uncertainty.

Research projects are integrated to combine new stochastic simulation methods and operations research approaches in globally optimizing production in mining complexes with uncertainty. Post-Doctoral Fellows have the opportunity to apply their developments at mine sites worldwide, thus learn about industrial complexes and given the opportunity to test newly developed methods. In conjunction with their research, candidates are expected to interact with graduate students and mining professionals, and be involved in the diverse projects of the COSMO Lab including global knowledge mobilization activities.

The ideal candidates should hold a PhD degree in a related field preferably in operations research or or computer science or industrial engineering or mining engineering along with a suitable academic and publications record, excellent analytical and programming skills (C and C++).

Salary is commensurate to qualifications.

For further information, please contact:

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