



McGill COSMO
Stochastic Mine Planning Laboratory

<http://cosmo.mcgill.ca/>

Research Fellow positions in Stochastic Operations Research

Highly qualified candidates are sought for Research Fellow positions in Operations Research stressing stochastic optimization methods and to work under the research programs of the COSMO-Stochastic Mine Planning Lab, McGill University. COSMO works with and is generously funded by a consortium of global mining companies: AngloGold Ashanti, Barrick Gold, BHP Billiton, De Beers, Newmont Mining and Vale, as well as National Science and Engineering Research Council of Canada.

Research projects are integrated to combine new stochastic operations research methods and applications in mine production scheduling and global optimization of mining complexes. Research efforts stress the development of new approaches in the presence of supply (ore bodies) and demand (metal markets) uncertainty and at the scale of mining complexes. Major component of research is the testing of new methods at sites world-wide, thus providing exposure to the industrial environment, stressing computational needs and interaction of methods with reality.

The ideal candidates should have a PhD degree in pertinent aspects of stochastic optimization, a suitable academic and publications record, and excellent analytical and computing/programming skills.

COSMO offers a high-tech working environment, links to the oldest mining engineering program of Canada, collaborates with several Departments at McGill and Professors in other universities in Canada, the USA, Australia, South Africa and South America. McGill University offers a research intensive environment and attracts international students from about 140 countries.

Salary is commensurate to qualifications.

For further information, please contact:

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