

# CIM NOTICE



## MINERAL PROCESSING NIGHT

- Date** Thursday, November 13, 2008
- Location** Sheraton Cavalier Hotel
- Time** Doors open at 6:00pm. Registration closes at 6:45pm.
- Speakers** Glenn Widish & Sergei Panasiuk, Wardrop Engineering Inc.

**Bio** Glenn Widish is a Senior Manager and Chemical Engineer with over 25 years of broad experience in all aspects of industrial plant operations including production, maintenance and engineering in fast-paced 24hour/365day facilities. Glenn is an experienced Process Engineer in many unit operations of chemical and mineral processing operations. His expertise includes well drilling and plugging operations, solution mining, multiple stage evaporators, open pit mining, water treatment and mill design, maintenance and operation.

Sergei Panasiuk has over 20 years extensive experience and expertise in the hydro-metallurgical industry in Russia and Canada. He is experienced in all areas of uranium ores processing with recognized experience in waste water treatment technologies. He has performed pre-feasibility and feasibility projects for the recovery of uranium, nickel, and tantalum. Sergei is proficient in dynamic process simulation and geochemical modeling.

**Presentation** The Use of Simulation in Mineral Processing Design

Simulation software is often used in the design and operation of a typical mineral processing plant. In this design effort it is found that simulation software can be critical in the design of new facilities and the revamping of older units. A combination of two commercially available software packages, namely IDEAS and OLI is used in Wardrop for process design. The use of the software allows the user to show interactions of the various minerals being processed at the changing conditions of the process and help predict the outcomes of these interactions. These interactions may be precipitations forming in product and waste streams in complex systems or the purity of final products.

This presentation will show the use of simulation software in three different applications: water balance for complex hard rock flotation circuits, a potash triple effect evaporator and counter current decantation circuit used in nickel, uranium or copper circuits.

**Important Information & RSVP** Those planning to attend are asked to email or phone and leave a message with Stephanie Oleniuk (by Noon Wednesday, November 12, 2008) to confirm attendance. **Annual dues are \$30** (to be paid at the first meeting you attend) and a meeting fee of \$20 will also be charged to cover the cost of the meal. Students pay \$10/meeting and will be required to sign an attendance sheet. The registration desk is open meeting nights from 6:00-6:45 so please be punctual. In order to be eligible for the CIM Scholarship, student members need to attend at least 3 meetings prior to January 31<sup>st</sup>, 2009. Dues and fees can be paid by cash or cheque.

Please forward this notice to others in your firm or to any others that you think may be interested. To have your name on the mailing list please email all contact information to the address below.

Sincerely,  
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