



SYMPOSIUM 2018 ROUYN-NORANDA

SUR L'ENVIRONNEMENT ET LES MINES • MINES AND THE ENVIRONMENT

WEDNESDAY, JUNE 20, 2018

CENTRE DES CONGRÈS DE ROUYN-NORANDA

SIX MINING ENVIRONMENT RESEARCH CHALLENGES SPOTLIGHTED

After three days of listening, it's time to talk. "CREUSER PLUS LOIN – DIG DEEPER!" is a day of brainstorming, with six interactive workshops on six mining environments applied research issues.

Six Symposium 2018 speakers will meet with you to hear your thoughts on their research challenges. Some sixty mining industrialists, experts and environmental researchers will discuss hypotheses, new solutions and applications. Interactive workshops will follow a "SOLUTIONS MODE" approach to encourage exchanges and debate.

8:30 am

WELCOMING PARTICIPANTS: Getting acquainted over coffee.

9:00 am

WHAT ARE THE PROBLEMS? Six research issues explained.

10:00 am

HAVE I UNDERSTOOD CORRECTLY? Participants define the issues.

12:00 pm

ON-SITE LUNCH: Because it's time to gain strength.

13:00 pm

I'LL TELL YOU WHAT I THINK: Industrialists and experts outline solutions.

16:30 pm

COCKTAIL: Because you deserve it!

SIX INTERACTIVE WORKSHOPS

ADAPTING TO CLIMATE CHANGE

How can we plan for work performance in a changing climate? What tools are currently available that take climate change into account when designing mining structures? What are the needs when it comes to tool development or improvement?

LONG-TERM MONITORING OF RESTORED MINE SITES

How can we ensure proper monitoring of restored mine sites in remote and restricted areas?

- Remote methods (satellites, drones, etc.)
- Community monitoring
- Parameters to monitor (Traditional Knowledge and others)

GEOMETALLURGICAL CONTRIBUTION IN THE MANAGEMENT AND RECOVERY OF MINE WASTE

What are the advantages of geometallurgy in environmental waste rock management?

- Sorting waste rock for integrated management purposes
- Waste rock sampling challenges

ENVIRONMENTAL PLANNING OF UPSTREAM PROJECTS

How can we maximize data obtained during exploration and development drilling to extract environmental information in addition to typical characterizations? How can a communication gateway and information exchange be maintained between various mining project stakeholders?

AQUATIC TOXICITY OF CONTAMINATED MINE WATER

What are the advances that allow us to better understand the aquatic toxicities of contaminated mine water (new alternative tests, new practices, etc.)? How do we define a systematic process to investigate the causes of toxicity?

- Factors affecting toxicity – Mechanisms
- Biomarkers of effects - Advantages and limits

RECOVERY OF FORMER MINE TAILING SITES

Under what conditions does recovery become economically attractive? How can we manage the risks associated with the unforeseen at former site operations? What treatment methods should be used? What are the metallurgical challenges?

REGISTRATION

\$125, including lunch, coffee break and cocktail
rouyn-noranda2018.cim.org/inscription

INFORMATION

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