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A research arm of:

Laurentian University
Canada's Mining University

Mining Innovation, Rehabilitation and Applied Research Corporation • Sudbury, ON Canada

*This electronic message is sent on behalf of **Dr. Peter K. Kaiser** and **Dr. Ming Cai** in regards to a new educational and professional development opportunity.*

Deformation-Based Support Design for Burstprone Mines

by P. K. Kaiser and M. Cai

Module 1: Principles and Practical Implications

delivered by P. K. Kaiser

Program Details

Launching THIS FALL!

This course deals with the functionality of the rock support in deforming ground. It presents an overview of guiding principles, the motivation for change, and the potential benefits for mining operations. It focuses on opportunities to overcome deficiencies in current practices and opportunities for safe and cost-effective rock support strategies. Key aspects for change management when moving toward deformation-based support design and when adopting preventive support maintenance procedures are introduced.

The Benefits

The following tangible benefits can be derived from de-risking operations by a successful implementation of “deformation-based support design” principles:

- Improved workplace safety through real-time monitoring of consumed support capacity
- Improvement of resilience of support system through use of deformation compatibility criteria
- Reduction of operation delays through minimization of severe excavation damage
- Reduction of rehabilitation costs through preventive support maintenance
- Optimization of ground control measures in critical infrastructure

Who Should Attend?

The Deformation-Based Support Design for Burstprone Mines Course is appropriate for individuals who are:

- Engineering Team Members involved in Mine Design
- Engineering Team Members involved in Mine Planning
- Senior Operations Team Members involved in the implementation of Ground Control Measures

As much as possible, the course material will be tailored to the needs of the participants or hosting company and the common support technologies adopted at the operations of the attendees.

Registration

Course Date

September 28, 2021

10:00 am to 2:00 pm EST

The course module consists of three hours of presentations with active interactions presented in a virtual delivery format.

Industry Rate

Early Bird Rate: \$349

Deadline - September 4, 2021

Regular Rate: \$399

Deadline - September 24, 2021

For more information about rates and registrations of **groups** with more than 5 individuals or **corporate groups**, please contact ntardif@laurentian.ca.

Student Rate

Early Bird Rate: \$49

Deadline - September 4, 2021

Regular Rate: \$99

Deadline - September 24, 2021

If interested in registering in this course with the student rate, please contact ntardif@laurentian.ca.

Register Today!

Share & Contact Us

Make sure to share this great training and educational opportunity by forwarding this information to other interested parties in your circle.

Questions?

If you have any questions, please feel free to send us a message!

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