

Ground Breaking News



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WE'RE HIRING!

CEMI is a new mineral sector research institute in Northern Ontario, established jointly by industry and Laurentian University in collaboration with regional, national and international R&D partners. Building on existing strength and developing excellence CEMI is located on Laurentian University's Campus in Sudbury.

Premier McGuinty visits CEMI

Premier Dalton McGuinty, Hon. Rick Bartolucci, Minister of Northern Development and Mines, and Dr. Peter K. Kaiser, CEMI Founding Executive Director connected at the Prospectors and Developers Association of Canada (PDAC) conference held in Toronto on March 6, 2007. Dr. Kaiser presented Premier McGuinty with a framed certificate of appreciation for the Ontario Government's generous contribution of \$10 million in support of CEMI.

"Our government believes that research and innovation - in all sectors of our economy, including mining - help create prosperity and build opportunity. We know that the places that invest in innovation, tap into the creativity of their people and successfully bring their ideas to market will be home to the most rewarding jobs, the strongest economies, and the best quality of life. That is why my colleagues and I will continue to support CEMI in its efforts to become an international centre for world-class research and innovation in mining," McGuinty stated.

Funding Updates:

The Ontario Government has committed \$18 million to CEMI's lead research projects, matching investments of industry of over \$15 million with CVRD Inco Limited and Xstrata Nickel leading with \$5 million each. Over twenty other companies, including the City of Greater Sudbury, make up the remaining research sponsors.



\$8M to LU mining research

In March 2007, Sudbury MPP the Hon. Rick Bartolucci announced on behalf of the Ontario Government that they are investing \$8 million to support mine productivity and safety research at Laurentian University. The funding which flows through the government's Ontario Research Fund (ORF), will go toward research that will lead to safer, more productive mining, under the Productivity Enhancement and Risk Management for Underground Construction and Mining (PERM) initiative led by Mining Innovation, Rehabilitation and Applied Research Corporation (MIRARCO).

Dr. Peter K. Kaiser, President of MIRARCO and Founding Executive Director, CEO of CEMI says today's provincial contribution is crucial, in light of the need to mine faster, deeper and safer. "It is encouraging to see the provincial government investing in an industry so important to Ontario and Canada," he said. "The projects under PERM will focus on reducing both worker and investor risks in many facets of mining. The research will also help increase productivity and the value of mining operations. We will advance the state of knowledge to achieve these goals in an environmentally sound, safe and cost-effective manner."



Dr. Peter K. Kaiser, Hon. Rick Bartolucci, and Judith Woodsworth, President of Laurentian University

New Graduate Curriculum to address Skills Shortage in the Mineral Exploration Industry

The Mineral Exploration Research Centre (MERC) is spearheading a new graduate curriculum in mineral exploration. The new program is jointly funded by CEMI and Natural Resources Canada through its targeted Geoscience Program and will be delivered through the Department of Earth Sciences at Laurentian University and other Ontario universities. The key objective of this initiative is to increase the number of graduate geoscience students in Ontario universities by offering high quality programs with excellent career prospects in the mining sector, government, and research.

CEMI launches Research Effort in Mining at Depth

CEMI is launching a new initiative to accelerate research aimed at safe and efficient mining at depth. This CEMI initiative is a joint venture of Xstrata, CVRD Inco, and the Government of Ontario and is focused on the design and development of mines at depths greater than 2000 metres. "Industry has told us that deep mining is a major research priority for them," said Dr. Kaiser. "Answers to particular research problems are required within a relatively short timeframe to keep several mines operating as upper level ore is depleted." CEMI plans to support various projects in conjunction with Laurentian University's School of Engineering to launch the deep mining initiative.

New Research Program in Mine Optimization

Amira International, MIRARCO, and CEMI are moving ahead with another new research initiative designed to improve efficiency and add value to underground mining operations. This initiative is called "Planning and Rapid Integrated Mine Optimization" or "PRIMO". According to Dr. Paul Dunn, Director of the Centre for Mine Technology at MIRARCO, "PRIMO will create improved software tools to support the planning, design, and operation of underground mining operations.

Employment Opportunities

CEMI's research activities are now moving into high gear. In addition to providing jobs for graduate students and post docs, CEMI is now looking for qualified professionals to guide research activities, mentor research staff, liaise with government and industry counterparts and provide advice to the CEMI Executive Director. Job advertisements will be out shortly. Bookmark our website for more details on CEMI employment opportunities, to be posted in the near future.

CEMI is now in Business!