

Mining Innovation News



Dr. Arthur B. McDonald

Sudbury 2003 Conference Banquet Features Dr. Arthur B. McDonald

From May 25th - 28th, 2003, MIRARCO's Centre for Environmental Monitoring will co-host the Sudbury 2003 – Mining and the Environment Conference. On Monday, May 26 at 6:30 p.m., members of the general public are invited to join conference delegates in Laurentian University's Great Hall for the Conference Banquet, sponsored by Inco Limited. The City of Greater Sudbury will present Dr. Arthur B. McDonald as the guest speaker of the banquet. Dr. McDonald is a Professor of Physics at Queen's University and is the Director of the Sudbury Neutrino Observatory Institute. Dr. McDonald's research has centred on the use of the atomic nucleus as a laboratory for the investigation of fundamental symmetries and interactions of nature.

Dr. McDonald is a Fellow of the American Physical Society, Governor General's Gold Medal winner at Dalhousie, Rutherford Fellow at Chalk River Laboratories, Fellow of the Royal Society of Canada, recipient of Killam Research Fellowship in 1998, LL.D. (Honoris Causa) from Dalhousie and has served on numerous Advisory Committees to U.S. and Canadian Scientific Agencies and Laboratories. His talk will unquestionably be one of the main highlights of the conference.

The Conference Banquet is a great way of providing your employees or clients with an enjoyable evening, and an opportunity to network throughout the mining and environmental communities and with conference delegates from around the world. Tickets are \$40 each and table reservations can be made for eight or ten people. For tickets, contact Heather Conroy at (705) 675-1151 ext. 1506. More information about Dr. McDonald can be found at: <http://www.sno.phy.queensu.ca/people/mcdonald.html>

MIRARCO's Centre for Mining Technology Now Offers 3D Laser Scanning Services

MIRARCO's Centre for Mining Technology (CMT) and Blaze Information Technology Inc. (Blaze IT) have joined forces to exploit opportunities created by laser scanning technology and the Virtual Reality Laboratory, a state-of-the-art facility designed for complex data interpretation in the mineral resource industry. CMT is proud to offer 3D laser scanning services for a variety of mining research applications while Blaze IT offers commercial laser scanning services. By combining CMT's skills in visualization and Blaze IT's expertise in laser imaging and digital mapping, both organizations are capable of undertaking projects beyond their individual capabilities.

MIRARCO research groups are currently investigating a number of potential uses for this technology including: stope surveys for evaluating blast performance (i.e. over/under break, dilution and final geometries); drift surveys for determining the effectiveness of new scaling methods (e.g. high-pressure water jets); line of sight mapping for equipment design and accident re-creations; 3D structural and digital terrain modeling for immersive virtual environments; and stability assessment projects.

For more information, please contact Mr. Paul Dunn, Director of MIRARCO's Centre for Mining Technology at (705) 675-1151 ext.5074, or by email at pdunn@mirarco.org.

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its research centres please visit**

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