SNOLAB Scientist Receives the CAP-TRIUMF Vogt Medal for Outstanding Experimental Contributions to Subatomic Physics

April 14, 2011 - SNOLAB would like to congratulate Dr. David Sinclair, Director of Facilities Development for SNOLAB on his receipt of the inaugural CAP-TRIUMF Vogt medal for his contributions to sub-atomic physics.

“I do, of course, feel very honoured to be selected for this award, especially when I reflect on the strength of the field in Canada. I am very pleased that this new award carries Eric Vogt’s name as I have always respected him as one of the great scientists and scholars in the field, whose work helped to establish the position Canada currently has.“ said Dr. Sinclair

The medal was awarded by the Canadian Association of Physicists on the recommendation of a selection committee established by the Canadian Association of Physicists and TRIUMF. In addition to the medal, the recipient will receive a certificate citing the contributions being recognized by the award and a small monetary award. Dr. Sinclair has also been invited to give a talk at the CAP Congress where the medal will be presented.

"I was really delighted to hear that David Sinclair had been awarded the Vogt medal in sub-atomic physics. This is a great recognition of David's vision and leadership in the development of the SNOLAB facilty for deep underground science.” said Dr. Nigel Smith, Director of SNOLAB. “SNOLAB is a world leading facility, with a rapidly developing science programme, which has placed Canada in the vanguard of this area of burgeoning science. Thanks to David's stewardship, Canada has a great opportunity to lead the world in the search for rare physics and science processes, such as the search for the Galactic dark matter, and the measurement of neutrino masses. Congratulations to David, and the whole SNOLAB team, on this well deserved recognition. Well done!"

The CAP-TRIUMF Vogt Medal will be presented by the President of the Canadian Association of Physicists at the Annual Banquet held as part of its annual Congress.

SNOLAB backgrounder

The SNOLAB International Underground Science Facility is situated 2 km (6800 ft) underground in Vale’s Creighton Mine near Sudbury, Ontario, Canada. The new facility was created by an expansion of the underground research areas next to the highly successful Sudbury Neutrino Observatory (SNO) experiment. The entire laboratory is operated as an ultra-clean space to limit local radioactivity. With greater depth than any other international laboratory it has the lowest background from cosmic rays providing an ideal location for measurements of rare processes that would be otherwise unobservable. Measurements are planned by a number of international collaborations that will seek Dark Matter particles left from the Big Bang and search for a rare radioactive process called neutrino-less double beta decay that could help explain the

development of matter in the early Universe. Other experiments will measure neutrinos from the Sun, the Earth, watch for Supernovae in our galaxy and measure local seismic activity. The facility is operated by the SNOLAB Institute with Canadian scientific participants from Carleton University, Laurentian University, Carleton University, Queen's University and University of Montreal

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For more information on CAP and TRIUMF, please visit:
www.cap.ca
www.triumf.ca

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