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65 - Low Background Measurement Capabilities At SNOLAB

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Experiments currently searching for dark matter and studying properties of neutrinos require very low levels of radioactive backgrounds both in their own construction materials and in the surrounding environment. These low background levels are required so that the current and next generation experiments can achieve the required sensitivities for their searches. SNOLAB has several facilities which are used to directly measure these radioactive backgrounds. This presentation will describe the low background measurement facilities currently operating at SNOLAB, describe the data analysis techniques used and present results from these detectors. In addition, plans and options to expand these facilities to allow for the increased sensitivity required by the next generation of experiments will be described.

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