

NNN25

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Nucleon Decay and Neutrino Detectors

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Radon-222 Screening Capability and Research at SNOLAB

Radon-222 is a limiting background in many leading dark matter and low-energy neutrino experiments. At SNOLAB, we have various radon instruments dedicated to material screening and to the measurement of radon concentration in N_2 gas systems and in ultra-pure water. My talk will focus on describing these instruments. In addition, it will describe a recent development aimed at improving our N_2 gas assay capability.

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