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## **Low background Counting Facilities at SNOLAB: Current and Future**

*Thursday, July 26, 2018 5:50 PM (20 minutes)*

SNOLAB is working with several collaborations to develop low-background techniques and assay systems. The sensitivity of current systems and their applicability to experiments will be discussed. Sample preparation techniques, such as ashing of acrylic, will be explained. New and more sensitive tools such as an XIA alpha detector and an ultra-low background radon emanation system are under construction. Proposals for future development and SNOLAB's community consultation efforts towards new technologies are presented.

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