

## Direct Detection of Dark Matter at SNOLAB

*Wednesday 11 January 2023 09:05 (35 minutes)*

The SNOLAB laboratory is two kilometers underground in Sudbury, Ontario, Canada. I will describe the overall scientific program with emphasis on the experiments focused on the direct detection of dark matter, one of the primary scientific thrusts at SNOLAB. There are currently eight active dark matter experiments running, in design, or in construction: SuperCDMS, PICO-40, PICO-500, DEAP-3600, DAMIC, SENSEI, OSCURA, and NEWS-G. I will include short descriptions of the technology and status of these projects.

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