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Direct Detection of Dark Matter at SNOLab

Tuesday 24 January 2023 09:30 (45 minutes)

The SNOLAB laboratory is two kilometers underground in Sudbury, Ontario, Canada. I will describe the overall scientific program with emphasis on the various experiments focused on the direct detection of dark matter, a focus of the experimental program 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.

Presenter: HALL, Jeter (SNOLab)