

Results from the Cryogenic Dark Matter Search experiment

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The Cryogenic Dark Matter Search (CDMS) experiment uses low-temperature solid-state detectors to seek Weakly Interacting Massive Particle (WIMP) and has the world's best exclusion limit on the WIMP-nucleon spin-independent cross section. The experiment uses the ionization and athermal phonons from particle interactions to discriminate between candidate (nuclear recoil) and background (electron recoil) events with extremely high efficiency. In this talk I will describe the experiment and present our most recent results from the 5-tower data run.

Author: Dr KAMAEV, Oleg (University of Minnesota)

Presenter: Dr KAMAEV, Oleg (University of Minnesota)

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