

First Results and Status of the LUX-ZEPLIN (LZ) Experiment

Thursday 22 September 2022 11:30 (30 minutes)

The LUX-ZEPLIN (LZ) direct dark matter detection experiment is currently operating at the Sanford Underground Research Facility (SURF) in Lead, South Dakota. LZ recently set new limits on WIMP-nucleus interactions above 9 GeV/c² with its first science run (SR1). This talk will detail these results, the status and outlook of the project.

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Session Classification: Session 1 (morning)