



First results from the LUX dark matter experiment.

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Tuesday, 17 December 2013, 16:45 h

Buildg. 2a / Sem.R. 2

LUX is a two-phase (liquid/gas) time projection chamber with a 370 kg liquid xenon target to search for Dark Matter in the form of Weakly Interacting Massive Particles (WIMPs). After introducing the detector, its calibration and characterization, the results from a total exposure of 85 live-days will be presented. Current status and future plans of LUX will be outlined.



Coffee, tea and cookies will be served at 16:30h

After the seminar there is a chance for private discussions over wine and pretzels