Abstract Submitted
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Results and Status of EXO-200 TIM DANIELS, SLAC, LISA KAUFMAN, Indiana Univ - Bloomington, EXO-200 COLLABORATION — EXO-200 has provided one of the most sensitive searches for neutrinoless double-beta decay utilizing 175 kg of enriched liquid xenon in an ultra-low background time projection chamber. This detector has demonstrated excellent energy resolution and background rejection capabilities. Using the first two years of data, EXO-200 has set a limit of 1.1×10^{25} y at 90% C.L. on the neutrinoless double-beta decay half-life of Xe^{136}. The experiment has experienced a brief hiatus in data taking during a temporary shutdown of its host facility: the Waste Isolation Pilot Plant. EXO-200 has resumed data taking in earnest with upgraded detector electronics. Results from the analysis of EXO-200 data and an update on the current status of EXO-200 will be presented.

Lisa Kaufman
Indiana Univ - Bloomington

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