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Migdal effect search using high pressure xenon gas TPC

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The Migdal effect associated with nuclear scattering is very important in the dark matter search. In order to experimentally verify the Migdal effect, we are proceeding MIRACLUE experiment: searching for Migdal effect by using position sensitive gaseous detectors. In this talk, we will report on the status of the experiment using xenon gas TPC.

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Session Classification: Migdal search