

## New Perspectives 2016



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## Short Baseline Near Detector at Fermilab

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The Short Baseline Near Detector, SBND, is an upcoming liquid argon time projection chamber (TPC) at Fermilab. Scheduled to begin running in 2018, SBND will be the near detector in Fermilab's Short Baseline Neutrino program. Thus, it will have tremendous importance to the physics goals of the SBN program, and its proximity to the neutrino source enables it to observe unprecedented numbers of neutrino interactions in a liquid argon TPC. In this talk, I will present the physics goals of SBND and discuss its current design and construction.

**Primary author:** Mr ADAMS, Corey (Yale University)

**Presenter:** Mr ADAMS, Corey (Yale University)

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