

Short-Baseline Near Detector (SBND)

- **Effort Name:** Short-Baseline Near Detector
- **Short abstract:** The Short-Baseline Near Detector (SBND) is a 112-ton active mass liquid argon time projection chamber (LArTPC) neutrino detector that sits only 110-m from the target of the Booster Neutrino Beam (BNB) at Fermilab. SBND is the near detector in the Short-Baseline Neutrino Program and has broad science goals as part of the SBN program and on its own addressing explanations of the short-baseline anomaly, beyond the Standard Model searches and precision studies of neutrino-argon interactions.
- **Contact information:** SBND Spokes: Ornella Palamara (palamara@fnal.gov)
David Schmitz (dwschmitz@uchicago.edu)
- **Useful links:** <https://sbn-nd.fnal.gov/index.html>
- **White paper:** To appear on arXiv

