



PPD Seminar

Deciphering the complex nature of neutrinos with SBND

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Since its proposal in 1930, the ‘neutrino’ has kept scientists on their toes for almost a century. This neutrally charged, almost massless particle is practically undetectable, but it could hold the answer to some of the most fundamental questions we still have about the nature of our Universe. Observing and understanding all there is to know about the neutrino requires a combination of state-of-the-art detection techniques and high-powered computing facilities. This talk will introduce one of the newest neutrino experiments: The Short Baseline Near Detector (SBND), and discuss its exciting physics goals and expected impact on the future of the field.

