BaBar

BaBar is a particle physics experiment on the PEP-II B-Factory at SLAC (Stanford Linear Accelerator Center). BaBar was designed primarily to study the (a)symmetries of the neutral B-meson system, but its rich physics program includes a variety of other particle physics topics.

Learn More
Long Baseline Neutrino Experiment (LBNE)

Long Baseline Neutrino Experiment (LBNE)

Over 450 people from over 75 institutions participate in the Long-Baseline Neutrino Experiment (LBNE), working together to plan and develop both the experimental facilities and the physics program. LBNE is expected to be fully constructed and ready for operations in 2022.

Visit the LBNE site
Learn More
Daya Bay

Daya Bay

The Daya Bay neutrino experiment is an exciting new project that will help us understand some of the fundamental properties of neutrinos and their role in the universe.

Visit the Daya Bay site
Learn More

Mu2e

Mu2e

Mu2e is a proposed experiment that will search for charged lepton flavor violation, a process which is (nearly) forbidden in the Standard Model, and is sensitive to many forms of New Physics interactions.

Visit the Fermilab Mu2e site
Learn More