

United States Department of Energy

Project Management Achievement Award

Presented to

The Office of Science's U.S. Belle-II Project

The U.S. Belle-II project, at the Pacific Northwest National Laboratory, successfully developed, assembled, and delivered advance detector systems to the KEK particle physics laboratory in Tsukuba, Japan, that are essential for efficiently collecting high-precision data on positron-electron collisions within the SuperKEKB accelerator. The \$14.8 million project will be one of the premier experiments exploring “new physics” beyond the Standard Model through high-precision measurements over the coming decade.

Outstanding features of Belle II's ultramodern detector systems include advanced quartz optics for a first-of-its-kind iTOP counter manufactured for extreme precision; custom, cutting-edge readout electronics for iTOP, with 70 iTOP and 136 KLM readout modules; 36 custom, state-of-the-art muon detector panels; 10 micro-Time Projection Chamber and 64 silicon diodes developed to exacting specifications. The project team is commended for successfully delivering this complex project, including meeting Belle II's very tight schedule for integration, completing two months ahead of schedule and under budget while meeting or exceeding the objective Key Performance Parameters.



Rick Perry
Secretary of Energy

March 2017