Call for proposals for projects at the CERN Neutrino Platform after LS2

The CERN Neutrino Platform was created to assist collaborations of European scientists working on neutrino physics in developing equipment and techniques for use at long-baseline experiments in Japan and the USA. The Neutrino Platform supports generic detector R&D and large detector prototypes or demonstrators. It gives technical, financial and logistical support to approved projects.

The Neutrino Platform has supported users in the development of detectors for experiments at FNAL and at Tokai, and along with use of multiple test beam lines at CERN also comprises the dedicated beamlines in EHN1. Projects in the Neutrino Platform have also involved the participation of CERN experts in detectors and cryogenics.

Following the Long Shutdown scheduled for the end of the accelerator complex running in 2018 (LS2), there may be opportunities for new or upgraded projects to be considered for approval as Neutrino Platform projects.

The SPSC is issuing a call for proposals for projects at the Neutrino Platform following LS2.

Proposals should be submitted to the SPSC by October 2018 and should address the physics or technology case behind the proposal, what are the expected use of CERN resources requested by the proposal, what are the relationships with Neutrino experiments outside of Europe, and what are the expected contributions of participating European collaborators.

The SPSC expects to prepare recommendations to the Research Board for approval of experiments by April 2019.

Any current proposals for Neutrino Platform projects will be considered as part of this evaluation.

This is the first of what is expected to be periodic calls for users at the Neutrino Platform. Potential applicants are invited to address questions about the process to the scientific secretary of the SPSC.

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