

The 21st International Workshop on Neutrinos from Accelerators
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Status of JSNS2 experiment

Friday, August 30, 2019 4:25 PM (25 minutes)

JSNS2 experiment is a sterile neutrino experiment being prepared at J-PARC MLF beam line. The experiment directly tests the LSND sterile neutrino result using the same neutrino (muon decay at rest) and the same detection reaction (inverse beta decay), yet much better S/N ratio, statistics and energy resolution. The group is now constructing the detector aiming at starting the data taking soon. In this presentation, I will talk about the experiment and its status.

Working Group

WG5 : Neutrinos Beyond PMNS

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