

Proton Beam Monitor Upgrades for the J-PARC Neutrino Extraction Beamline

Thursday, August 4, 2022 2:20 PM (30 minutes)

As the J-PARC Main Ring accelerator undergoes upgrades to 1.3 MW, upgrades to proton beam monitors in the neutrino extraction beamline are also underway. These upgrades will allow for stable running of the beamline for the current T2K and future Hyper-K long-baseline neutrino oscillation experiments. Important upgrades include those towards improving monitor radiation hardness and minimizing induced beam losses, as well as those towards quick handling and remote exchange of spent monitors.

Attendance type

In-person presentation

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