

Status of the Hyper-Kamiokande Experiment

Yousuke Kataoka (ICRR, The University of Tokyo)

- HK is 3rd generation Water Cherenkov Detector in Kamioka.
- HK improve physics sensitivities for various targets.
 - Neutrino CP violation, Nucleon decay search, Atmospheric ν , neutrino astrophysics.
- HK construction is on-going on schedule.
 - Cavern excavation complete by the end of 2024.
 - 20" PMT production completed more than half (~12,000).
 - Electronics are ready to start production.
 - Neutrino beam line is on track to 1.3MW.
 - Near detector upgrade and IWCD construction is in progress.
- HK will start operation in 2027.



Construction schedule

