

## HEP experiments in Japan : The Next Generation

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The HEP experiment in Japan is now stepping into the next phase. The J-PARC, which is a newly-built high intensity proton synchrotron facility, started the operation recently. A new long-baseline neutrino experiment T2K is now at the commissioning stage utilizing the beam. In parallel, the upgrade of the KEKB/Belle, the new-stage B-factory experiment at KEK, is about to start. The accelerator will be upgraded to SuperKEKB whose luminosity is expected to be more than 50 time higher. The detector is also upgraded to Belle II to keep up with the increased rate. In this talk, a detailed review is given for these new experiments with some coverage of the readout and DAQ technologies.

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