



Cryogenics Operations 2018

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Operation Status of KEK Accelerator Cryogenic Systems

There are three cryogenic systems for superconducting RF cavities of superconducting accelerators in the Accelerator Laboratory of KEK. One is the 4.5K large-scale helium cryogenic system for the SuperKEKB accelerator. Others are 2K superfluid helium cryogenic systems for the Superconducting RF Test Facility (STF) and the compact Energy Recovery Linac (cERL). Brief description and operation status of these cryogenic systems will be presented. Future plan for unification of control systems for these cryogenic systems will also be introduced.

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