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OR10 - Abort Monitor System at the SuperKEKB Accelerator

Wednesday, 13 September 2023 16:00 (30 minutes)

In order to protect the hardware components of the SuperKEKB accelerator against the high beam currents, we installed the controlled abort system. Beam abort monitor systems were prepared aiming to monitor the machine operation and to diagnose the hardware components in each hardware group. Each monitor takes the data at that moment for each abort and confirms the cause of the abort. As a result, the problem that caused the abort can be resolved. This presentation provides an overview of the SuperKEKB Abort Monitor with real examples.

Presenter: IKEDA, HITOMI (KEK)

Session Classification: Beam Diagnostics