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Availability tracking at PETRA III

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The basis for machine reliability investigation is a reliable operation statistic. At Petra III we recently implemented a new control system feature to generate the statistics automatically according to predefined rules. Here we describe the key components and tools: a beam operation calendar for definition of the planned machine status, the central logic to generate the actual machine state and the OperationHistoryViewer as the flexible tool to view and, if necessary, correct the results.

Author: HAUPT, Dennis (DESY)**Co-author:** EHRLICHMANN, Heiko (DESY)**Presenter:** HAUPT, Dennis (DESY)**Session Classification:** 11- Poster Session**Track Classification:** Availability Tracking and Metrics