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## **Operational efficiency**

Tuesday 7 December 2010 17:05 (20 minutes)

An overlook on the beam and machine statistics in the 2010 run is given. We report on the machine availability and efficiency for physics and give a breakdown of the downtime according to the various technical systems. We revise the frequency and duration of the technical stops with respect to their impact on the machine availability. Finally the tools presently available for the collection of this kind of data are reviewed and needs for 2011 are defined.

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Session Classification: Session 1: LHC beam operation: review of 2010 and settings the scene for

2011