

Performance and results

Tuesday 7 December 2010 16:45 (20 minutes)

This talk will present what the LHC experiments would like to see in 2011, in terms of delivered luminosity and beam conditions. An attempt will be made to see how this could fit in a run scenario, including a heavy ion run. Special conditions will also be discussed, like sqrt(s) = 2.76 TeV proton physics, medium large beta star proton optics. First feedback on some observations that were made end of this year will be given, e.g. on beam-gas background, satellite bunches, BCM thresholds. A critical review of 2010 operation will be made (handshake, use of beam modes, operational procedures, etc.), with emphasis on issues and proposals for improvements for 2011 (and further).

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Session Classification: Session 1: LHC beam operation: review of 2010 and settings the scene for 2011