

## The LHC machine status, calibration run and commissioning plans

*Monday, 25 September 2006 15:15 (45 minutes)*

The status of the ongoing LHC installation is described with attention given to the long straight sections around the experiments.

An overview of the proposed commissioning schedule for 2007 and 2008 presented. This schedule includes a calibration run at the end of 2007 which aims to deliver collisions at 450 GeV beam energy. The details of this run and planned beam conditions are summarised.

The full commissioning to 7 TeV will be a challenging exercise and an overview of the plans for 2008 is also given.

Finally, the beam related issues associated with the LHC upgrade are introduced.

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**Session Classification:** Plenary session P1-Opening plenary