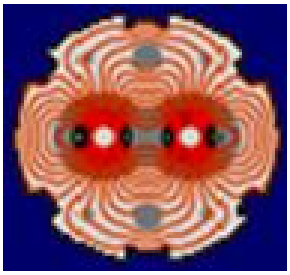

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Access System and its impact on LHC operation

Monday 17 January 2005 15:00 (15 minutes)

The LHC access system is the outer safety shell of the LHC underground instalations
and can help (hopefully not hinder) the smooth operation of the LHC
First a description of the accessible parts of the installations in different modes
(beam, shutdown, short access…) and what areas of the machine will or will not be
accessible for regular maintenance (scheduled or not) and quick fixes will be presented.
The sectorisation of interlocked areas and its impact on operation including patrols
will be explained. The number of interlock points and some details about the most
important ones will be detailed, with a view on the layout of the safety console in
the CCC. Certain failure scenarios and the recovery paths can be presented based on
our knowledge of the system under construction and on experience with previous
machines. A first discussion on training requirements and authorization lists and
organization will be presented. The interaction with experiments will also be
addressed from a setorisation and responsibility point of view.

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