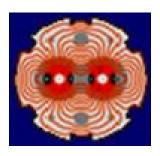
## Workshop Chamonix XV



Contribution ID: 83 Type: not specified

## Expected quench levels of the machine without beam: starting at 7 Tev?

Tuesday 24 January 2006 16:40 (15 minutes)

The quench training performance of about 900 LHC main dipoles and 200 main quadrupoles cold tested to date will be presented and commented. From these results an estimate of the number of quenches that could be required to operate the whole machine at nominal energy will be presented without considering beam loss effects. The energy level at which the machine could be operated without being disturbed by training quenches at the early phase of the commissioning will also be addressed. The missing and required information necessary to improve these predictions will be pointed out.

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Session Classification: Session 04 - Magnetic Requirements for Commissioning