

Overview of the main events related to AT equipment in the LHC injector chain for 2007

Abstract:

AT is responsible for the performance of the magnet and vacuum systems for all accelerators. 2007 was globally satisfactory, with little time lost on operation. However, a number of interventions were required from the two groups concerned (AT-MEL and AT-VAC), sometimes to solve problems on ancillary equipment rather than on magnets or vacuum.

The presentation will introduce the main interventions on the magnet and vacuum systems and also give examples of those that were not directly related to the equipment under AT responsibility. Preventive actions taken here and there to improve the overall reliability or to avoid any problem to be recurrent will be described. The presentation should essentially be an introduction to session 4, where the spare parts issue will be discussed.

Keywords: Vacuum, magnet, stand-by, reliability, repairs, maintenance