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## **Organization of LS1 - consolidation, upgrade and maintenance**

*Wednesday 13 November 2013 16:30 (30 minutes)*

The LHC has been delivering data to the physics experiments since the first collisions in 2009. The first long shutdown (LS1), which started on 14 February 2013, was triggered by the need to consolidate the magnet interconnections to allow the LHC to operate at the design energy of 14 TeV in the centre-of-mass. Prior to the start of this Long Shutdown (LS1), a major effort of preparation was performed in order to optimize the schedule and the use of resources across the different machines, with the aim of resuming LHC physics in early 2015, while the rest of the CERN complex will restart beam operation in the second half of 2014. This presentation summarizes the main activities, the main milestones, describes the organizational set-up for the coordination of the works, and will present the actual status.

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**Session Classification:** Organizations and their A&MM methods continued