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High-Lumi LHC

Thursday, 28 November 2013 10:30 (1 hour)

The talk will present the timeline and expectations for future LHC operation. The main changes planned on the machine side for the high-luminosity HL-LHC will be presented and the consequences for the experiments discussed with in particular :

expected luminosity and pile-up, luminosity leveling, changes to the layout, and implications for radiation and backgrounds, luminosity measurements and protection in case of accidental beam loss.

Presenter: BURKHARDT, Helmut (CERN)