

## HL-LHC Parameter and Lay-out Baseline

*Wednesday, September 24, 2014 4:00 PM (20 minutes)*

The baseline parameters of the HL-LHC project will be reviewed and the new high-luminosity insertion region lay-out necessary to reach the project objectives will be described. The presentation will list other modifications that shall be carried out on the present LHC machine in order to reach the ambitious goal of 300 fb<sup>-1</sup> delivered luminosity to the ATLAS and CMS experiments per year up to 2035. The main focus of the presentation will be the foreseen modifications carried out during LS3, while more details concerning the relevant changes planned during LS2 are dealt with in the following session “Long Shutdown 2 Strategy and Preparation”

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**Session Classification:** Session 6 - HL-LHC