

# **LHC 1<sup>st</sup> Long Shutdown**

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After three fruitful years of operation, the LHC entered in its first long shutdown in February 2013. Major works have been implemented to allow running safely at 7 TeV/beam.

Through the life cycle of LHC, the reliability aspect of a long shut-down is essential to ensure a long safe and reliable operation. This talk will present the scope and roadmap of Long Shut-down 1 in LHC, from the preparation phase to the hardware tests, and the coordination process set up.