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Beam loss mechanisms : observation from the LHC

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After 2 years of operation pushing the beam parameters, we gained some experience on the different beam loss mechanisms observed in the LHC.

Some of these mechanisms are expected, like the losses during injection process, some others have been discovered with the higher intensities like the UFOs. This talk will address the three types of losses (operational, equipment failure and transient beam losses) as seen in the LHC and in the transfer to LHC.

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Session Classification: Beam loss mechanisms