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Experience from MP in LHC

Wednesday 6 June 2012 09:30 (30 minutes)

The LHC machine protection system (MPS) has been constantly evolving over the past decade, to assure safe machine operation whilst avoiding additional downtime due to the required complex architecture of protection and interlock systems. An overview of the present machine protection architecture will be presented, along with experience in operating the MPS systems throughout the various commissioning phases and early years of beam operation. Encountered and outstanding issues for LHC machine protection and potential lessons for CLIC will be highlighted.

Presenter: Dr ZERLAUTH, Markus (CERN)

Session Classification: Introduction; Machine protection, experience and challenges