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Errors detection, handling and recovery at the High Level Trigger of the ATLAS experiment at the LHC

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The complexity of the ATLAS High Level Trigger (HLT) requires a robust system for error detection and handling during online data-taking, it also requires an offline system for the recovery of events where no trigger decision could be made online. The error detection and handling system ensures smooth operation of the trigger system and provides debugging information necessary for offline analysis and diagnosis.
In this presentation, we give an overview of the error detection, handling and recovery of problematic events at the ATLAS HLT.

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