**ATLAS Online Trigger Rate Monitoring System [TDAQ]**
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LAS COLLABORATION — At the ATLAS Experiment, a two-level trigger system
reduces the LHCs bunch-crossing rate of 40 MHz to an average recording rate of 1
kHz. Xmon is a subsystem that compares recorded trigger rates to predicted values
based on the beams luminosity. The predictions are calculated using data from past
runs to parameterize the luminosity dependence of the event rate for each trigger
algorithm. We present an overview of Xmon operations and a redeveloped website
to display Xmon datasets.

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