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## Performance of the CMS High-Level Trigger

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The CMS trigger system has been designed to cope with unprecedented luminosities and accelerator bunch-crossing rates of up to 40 MHz at LHC. The High-Level-Trigger (HLT) combines in a novel way the traditional L2 and L3 trigger components which are implemented in a commercial Filter Farm with thousands of CPUs. The flexibility of a contiguous software environment allows the coherent tuning of the HLT algorithms to accommodate multiple physics channels and enhance the CMS physics reach. We will report on the trigger commissioning of the HLT with the first LHC pp collisions at 900 GeV, 2.36 TeV and 7 TeV and discuss the first results on the trigger performance.

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