

CMS Tracker performance in 2016

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In 2016, the CERN Large Hadron Collider (LHC) reached a peak instantaneous luminosity of $1.5 \times 10^{34} \text{ cm}^{-2} \text{ s}^{-1}$, going above the original design and reaching up to 40 interactions per bunch crossing. Under those conditions the CMS tracker managed to have a ~98% efficiency for the data taking period of 2016. This talk will present the performance of the CMS tracker in 2016, for both the Pixel and Strip sub-detectors.

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