

The CMS tracker performance in Run3

The innermost tracking system of the CMS experiment consists of two tracking devices, the Silicon Pixel and Silicon Strip detectors. The tracker was specifically designed to very accurately determine the trajectory of charged particles or tracks.

In this poster, the preliminary performance of the tracker detectors during the Run 3 operation will be summarized, with particular emphasis on the expected changes in detector performance with increasing irradiation. In addition, results of the complex tracker alignment procedure will be highlighted.

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