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Operational experience and aging studies of the CDF Run II Silicon Vertex Detector

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The Collider Detector at Fermilab (CDF) pursues a broad physics program at Fermilab's Tevatron proton-antiproton collider. Since its commissioning in early 2001 the CDF Run II detector delivered about 10 fb^{-1} of integrated luminosity of data. CDF has installed 8 layers of silicon microstrip detectors. In this talk will be described the operational challenge encountered over the past 10 years and present detailed detector performance results with emphasis on radiation damage of the silicon sensors.

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