

## Ten Years of the CDF Silicon Vertex Detector: Performance and Status

*Tuesday, 31 May 2011 08:00 (20 minutes)*

The CDF Silicon Vertex Detector plays a critical role in most analyses at CDF, including searches for the Higgs boson, new physics signatures, measurements of Bs-mixing, top quark and W boson masses. Originally designed to withstand up to 3 1/fb, its life has spanned over 11 1/fb of integrated delivered luminosity with surprisingly good performance. In this talk we will present details of detector's components, radiation environment, effects of continuous exposure and general performance.

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