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Status of the CDF Physics Program¹

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Experimental particle physics is in the midst of an exciting era. Operations at the Large Hadron Collider are scheduled to begin this Fall; the high energy collisions provided by the LHC will offer an unprecedented glimpse at the fundamental world. However ongoing experiments operating at the current highest energy particle accelerator, Fermilab's Tevatron collider, continue to push the limits of our understanding. In this talk I will review the current state of the physics program from the Collider Detector at Fermilab (CDF), one of two general purpose experiments operating at the Tevatron. I will describe the CDF particle detection apparatus, the strategies for reconstruction of the details of a collision and how we use this information to pursue crucial questions about the fundamental world.

¹On behalf of the CDF Collaboration