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Search for Associated Production of a W and Higgs Boson in the $\tau\nu b\bar{b}$ Final State at CDF ELISABETTA PIANORI, Univeristy of Pennsylvania, CDF COLLABORATION — We present results of a search for associated production of W and Higgs bosons based on 2 fb^{-1} of data collected with the CDF II detector from $p\bar{p}$ collisions at $\sqrt{s}=1.96 \text{ TeV}$. The search is performed using events with two jets, a hadronically decaying τ lepton, and missing transverse energy originating from the $H \rightarrow b\bar{b}$ and $W \rightarrow \tau\nu$ decay modes. We present the status of the search focusing on techniques for triggering on and identifying hadronic tau decays.

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