

Abstract Submitted
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**Search for Associated Production of W and Higgs Bosons in $\ell\nu b\bar{b}$
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LABORATION — We present preliminary results of a search for the Higgs boson
through its associated production with W for masses between 105 and 155 GeV in $p\bar{p}$
collisions at $\sqrt{s} = 1.96$ TeV. The search is performed in events containing one lepton
(electron or muon), an imbalance in the transverse energy, and two b-tagged jets in
 1.0 fb^{-1} of integrated luminosity accumulated by the D0 experiment at Fermilab.

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