

Abstract Submitted  
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**Search for  $Wb\bar{b}$  and  $WH$  production in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV** HYUNWOO KIM, University of Texas, Arlington, DZERO COLLABORATION — We present a study of  $Wb\bar{b}$  production and a search for  $WH$  production of the SM Higgs boson masses between 105 and 135 GeV in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV. The search is performed in events containing one electron, an imbalance in the transverse energy ( $E_T$ ) and two  $b$ -tagged jets in  $400 \text{ pb}^{-1}$  of integrated luminosity accumulated collected by the DØ experiment at Fermilab.

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