

Searches for low mass Higgs at the Tevatron (WH and ttH final states)

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We present a search for a low mass Standard Model Higgs boson produced in association with a W boson at the Fermilab Tevatron collider. The search is performed in events containing one lepton (electron, muon or tau), an imbalance in the transverse energy, and one or two b-tagged jets with about 5 fb⁻¹ of data. This channel is one of the most powerful in the search for a low mass Higgs at the Tevatron, and results for several searches employing different techniques are presented. A search for the Standard Model Higgs boson produced in association with top anti-top quark pairs is also reported.

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