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Search for Higgs Boson Produced in Association with b quarks with Higgs Decaying into $\tau^+\tau^-$ PETER SVOISKY, University of Notre Dame, D0 COLLABORATION — A search for the Higgs boson in the Minimal Supersymmetric Standard Model (MSSM) is performed in the channel where one tau decays into a muon and the other one decays hadronically, and btag is used for b-jet identification. The studies have been performed using 1 fb⁻¹ of data collected with the D0 detector at the Tevatron collider.

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