

Abstract Submitted
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Search for Neutral Supersymmetric Higgs Bosons in bbh Final States STEPHEN ROBINSON, Imperial College, D0 COLLABORATION — Many extensions of the Standard Model predict greatly enhanced production rates of neutral Higgs bosons in association with bottom quarks. The Tevatron Run II data collected by the D0 detector are used to search for Higgs bosons in $bh(\rightarrow b\bar{b})$ and $bbh(\rightarrow b\bar{b})$ channels that result to 3b-jet and 4b-jet final states, respectively. The results of the current search are presented.

Ulrich Heintz
Boston University

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