## Abstract Submitted for the APR05 Meeting of The American Physical Society

Search for  $B^+ \to D^{(*)+}K^0_S$  decays FRANCESCO POLCI, University of Rome, BABAR COLLABORATION — We report on the search for the decays  $B^+ \to D^{(*)+}K^0_s$  using 205  $fb^{-1}$  of data collected at the Y(4S) resonance by the BABAR detector at the  $Stanford\ Linear\ Accelerator\ Center$ . These decays are of interest since they are pure annihilation processes, a type of diagrams not yet measured in  $B^+$  decays and so far not predicted by any theoretical model.

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