

Abstract Submitted  
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**Measurement of branching fractions for  $B_s^0 \rightarrow J/\psi\phi$  and  $B_s^0 \rightarrow J/\psi K_s^0$  decays at  $\Upsilon(5S)$**  KAZI SAYEED<sup>1</sup>, ALAN SCHWARTZ<sup>2</sup>, University of Cincinnati, BELLE COLLABORATION<sup>3</sup> — We measure the branching fractions for  $B_s^0 \rightarrow J/\psi\phi$  and  $B_s^0 \rightarrow J/\psi K_s^0$  decays using a  $\sim 23.5 \text{ fb}^{-1}$  data sample collected on the  $\Upsilon(5S)$  resonance by the Belle detector at the KEKB asymmetric energy  $e^+e^-$  collider. The  $J/\psi$  candidates are reconstructed from both  $e^+e^-$  and  $\mu^+\mu^-$  pairs;  $\phi$  candidates are reconstructed from  $K^+K^-$  pairs and  $K_s^0$  candidates from  $\pi^+\pi^-$  pairs.

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