

Abstract Submitted  
for the APR05 Meeting of  
The American Physical Society

**Study of  $B^0 \rightarrow \rho^0 K_s^0$  decays** IAN FORSTER, University of Liverpool,  
BABAR COLLABORATION — We present preliminary results of a maximum-likelihood analysis of the  $B^0$  decay to the final states  $\rho^0 K_s^0$  from data corresponding to an integrated on-resonance luminosity of  $211 \text{ fb}^{-1}$  recorded by the BaBar experiment at the SLAC PEP-II asymmetric-energy  $B$  Factory. We measure the total branching fractions and time dependent CP asymmetries.

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Date submitted: 07 Jan 2005

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