

Abstract Submitted  
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**Study of  $b \rightarrow d\gamma$  transitions with BaBar** TIM BECK, University of California at Santa Cruz, BABAR COLLABORATION — Making use of a sum of exclusive final states with up to three charged pions and one neutral pion or eta, we have demonstrated that it is possible to measure the ratio of the inclusive rates  $b \rightarrow d\gamma$  and  $b \rightarrow s\gamma$ . This provides a determination of  $|V_{td}/V_{ts}|$  that is complementary to using the exclusive modes  $B \rightarrow \rho\gamma$  and  $B \rightarrow K^*\gamma$ .

Soeren Prell  
Iowa State University

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