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Study of B meson decays to $\eta K \gamma$ final states PIETRO BIASSONI, INFN Sezione di Milano, BABAR COLLABORATION — We present measurements of the branching fraction and integrated CP asymmetry for charged B meson decays to $\eta K \gamma$, and the branching fraction and time-dependent CP asymmetry for neutral B meson decays to $\eta K^0 \gamma$. Our measurements are based on data collected from 1999-2007 with the BaBar detector at the PEP-II asymmetric-energy e^+e^- collider at SLAC.

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