

Abstract Submitted
for the APR09 Meeting of
The American Physical Society

Search for a Light Higgs Boson in Radiative Υ Decays ARAFAT MOKHTAR, SLAC, BABAR COLLABORATION — We have collected $\sim 30 \text{ fb}^{-1}$ of data with the *BABAR* detector at the PEP- II asymmetric e^+e^- collider operating at a center-of-mass energy of 10.355 GeV. This data sample contains approximately 122 million $\Upsilon(3S)$ candidates. We will present a search for light Higgs in the decays $\Upsilon(3S) \rightarrow \gamma A^0$. We will present the techniques and methods, as well as the results and conclusions from this search.

J. Michael Roney
Univ. of Victoria

Date submitted: 13 Jan 2009

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