

## Recent bottomonium results from BaBar

*Monday, April 27, 2009 4:25 PM (15 minutes)*

I will present recent results in bottomonium physics from BaBar, including the first observation of the  $\eta_b(1S)$  from  $Upsilon(3S) \rightarrow \gamma \eta_b(1S)$  decay and the confirmation of this discovery in  $Upsilon(2S) \rightarrow \gamma \eta_b(1S)$ . I will also summarize BaBar results on the precision scan above the  $Upsilon(4S)$ , the search for a light Higgs, and the search for Lepton Flavor Violation in  $Upsilon(nS)$  decays.

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**Session Classification:** Heavy Flavours