

## Charm 2012 - The 5th International Workshop on Charm Physics



Contribution ID: 3

Type: **not specified**

## Measurements of D-Dbar mixing and CPV at BaBar

*Wednesday, May 16, 2012 1:50 PM (20 minutes)*

Chair: Jason Kumar (UH) <br>

<br>

Abstract:<br>

D-Dbar mixing has been well established with the combination of several measurements, but so far there is no single measurement with significance over 5 standard deviations. We report the results of a new measurement of the charm parameters  $y_{CP}$  and  $\Delta y$ . The analysis sensitivity is maximized by using the entire dataset collected by BABAR and D mesons produced by different mechanisms.

**Primary author:** CASAROSA, G. (Pisa)

**Presenter:** CASAROSA, Giulia (SLAC National Accelerator Laboratory/Pisa)

**Session Classification:** Mixing, CPV, Rare, Charm Amplitudes Session