

Charm 2012 - The 5th International Workshop on Charm Physics



Contribution ID: 14

Type: not specified

Precision measurements of charm hadron properties at BaBar

Wednesday, May 16, 2012 1:30 PM (20 minutes)

Chair: Marc Pelizaeus (UH)

Abstract:

We describe precision measurements that shed light on non-perturbative strong interactions involving the charm quark. The natural width of the D^{*+} meson is measured with a dataset 50 times larger than that of the previous measurement, leading to significant improvement in precision. We also measure the mass, width, and several new branching fractions of the $\Lambda_c(2880)$ baryon.

Presenter: HUARD, Zachary (Univ of Cincinnati)

Session Classification: New Hadrons and Spectroscopy Session