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## **Dalitz-plot analysis of $B^0 \rightarrow \text{anti-D}^0 \pi^+ \pi^-$**

*Friday, 23 July 2010 14:00 (13 minutes)*

Constraints on the CKM Unitarity Triangle angle  $\beta$  can be obtained from a time-dependent Dalitz-plot analysis of the decay  $B^0 \rightarrow D \pi^+ \pi^-$ . We present preliminary results of an analysis of the  $B^0 \rightarrow D \pi^+ \pi^-$  Dalitz plot using the final BaBar dataset, consisting of around 471 million  $B\bar{B}$  pairs.

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**Session Classification:** 06 - CP violation, CKM and Rare Decays

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