

2nd International Conference on Particle Physics in Memoriam Engin Arık
and Her Colleagues

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Recent BABAR Charm Physics Results

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We report recent BABAR charm physics results, including CP violation studies in $D^{+-} \rightarrow K_S^0 \pi^+$ and $D^+ \rightarrow K_S^0 h^+ h^-$, a study of the Dalitz plot of $D_{s^{+-}} \rightarrow K^+ K^- \pi^+$, measurements of the mass and width of the $D_{s1}(2536)^+$ and measurements of charm semileptonic decays. We also describe a recent study of inclusive $D^{(*)} \pi$ production in $c\bar{c}$ continuum.

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Track Classification: Particle Factories, Accelerator Physics and future TeV scale colliders