

DESY Seminar

29 March 2005, 17:00, DESY Hörsaal

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CP Violation at Babar

The BABAR experiment has collected and analysed 240 million B anti-B pairs. In 2004, the precision on the CP violating phase β from this single experiment has reached 6%, and the first asymmetry in CP conjugate branching fractions of a B meson (direct CP violation) has been observed. But B mesons offer a wealth of different channels, and many less precise measurements have now added significant consistency checks. Recent results on the CKM angles β and α will be presented which start to challenge the Standard Model.

- Tea and cookies will be served at 16:45 in the lobby.
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels also in the lobby.