

DESY Seminar

14 March 2006, 17:00, DESY Hörsaal

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Physics Potential of BABAR with 1 ab^{-1}

The BABAR experiment has started taking data in 1999. The design luminosity of $3 \times 10^{33} \text{ cm}^{-1} \text{ s}^{-1}$ was reached within a very short time. Since then the luminosity has been increased even further. The current peak luminosity record is $1 \times 10^{34} \text{ cm}^{-1} \text{ s}^{-1}$. The experiment will run until 2008 and is expected to collect an integrated luminosity of about 1 ab^{-1} . I shall discuss the physics perspectives profiting from a sample of about 10^9 recorded B-meson decays.

- 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.