



DESY Seminar

5 December 2006, 17:00, DESY Hörsaal

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Recent advances in RICH counters

Cherenkov counters had an important impact on the success of particle physics experiments in the last decade. The unprecedented reliability of charged particle identification with these devices has enabled studies of rare processes, including the measurement of CP violation in the system of B mesons. In this seminar we shall review the essentials of this experimental technique, and discuss recent progress and future directions in developing new detector concepts, position sensitive single photon detection devices, and radiator media. We shall also discuss a few experiments, where such a counter has played a decisive role.

- 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.