Accelerator Physics Seminar
Tuesday March 25, 2003
(16.00 in Room 459/30b)

Electron Clouds in e^+ Storage Rings
(Report from the ECLOUD02 workshop)

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Abstract

Electron clouds have been observed at positron and proton storage rings, like the B–factories at KEK and SLAC, and the SPS at CERN. This talk reports about the experimental observations and simulations of the electron could build-up which have been presented at the ECLOUD02 workshop held at CERN last year. First simulation results are presented for the TESLA positron damping ring and the synchrotron light source PETRA III.

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