



Séminaire du Laboratoire de l'Accélérateur Linéaire

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(Wayne State University – USA)

Mardi 17 Mai 2011 à 11h00

Observation of Large Angle Beamstrahlung and plans for SuperKEKB

The Large Angle Beamstrahlung monitor measures the intensity, spectrum and polarization of light emitted in the beam-beam interaction, which are related to beam-beam interaction parameters. The hopes for this device are that the study of the beam-beam interaction can change from being mostly model-driven to being mostly data-driven.

High precision is certainly desirable, and a 0.3% relative precision is sought. Design issues are discussed, and a design close to final is presented. A list of possible measurements available at SuperKEKB and SuperB is then discussed.

Salle 101 – Bâtiment 200, Orsay

Thé et café seront servis 1/4 h avant le séminaire.

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