Status of
the FPCCD software

Physics and Software meeting

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Occupancy by γγ→hadron

■ Occupancy by γγ→hadron background is checked.
  — data statistics : 40 BX
  — <u>no threshold</u>

Occupancy for 1train(1312BX)

layer0	$2.7 \times 10^{-2}\%$
layer1	$2.2 \times 10^{-2}\%$

• Occupancy is very small compared to pair background.

Current Stats/Plan

■FPCCD Digitizer
   The digitization of energy deposit is almost finished.
   The effect by digitization of energy deposit will be checked.

■ Background study
   γγ→hadron event (by katarznya) study is started.
   Pair-background at range cut 1um and 10um will be checked.

■ Background rejection
   An algorithm using the correlation between hit points of
   multiple ladder is being developed.