

# Status of the FPCCD software

Physics and Software meeting

2010/12/24

D.Kamai (Tohoku University)

# Range cut study

- The occupancy of pair background with various range cut were rechecked.
  - Noise rate : 50 electrons /pixel
  - Threshold : 200 electrons /pixel
  - Digitized into 7bits, bin width : 25 electrons

## The occupancy of pair background for 1 train

Range cut	layer1a	layer1b	Data statistics
100um	2.76 %	1.55 %	800BX
10um	2.0 %	1.1 %	100BX
1um	1.7 %	0.95 %	100BX

- The occupancy was **reduced** at short range cut.
  - # particles from BeamCal will be checked.

# Summary/Plan

## ■ Range cut study

- The occupancy of background was rechecked, because the previous analysis was wrong.
- The occupancy was **reduced** at short range cut.
- # particles from BeamCal will be checked.

## ■ Tracking study

- Pair background data corresponds to ~1500BX are made by Miyamoto-san.
- Tracking study with 1 train background will be started.