

Status of the FPCCD software

Physics and Software meeting

2011/06/17

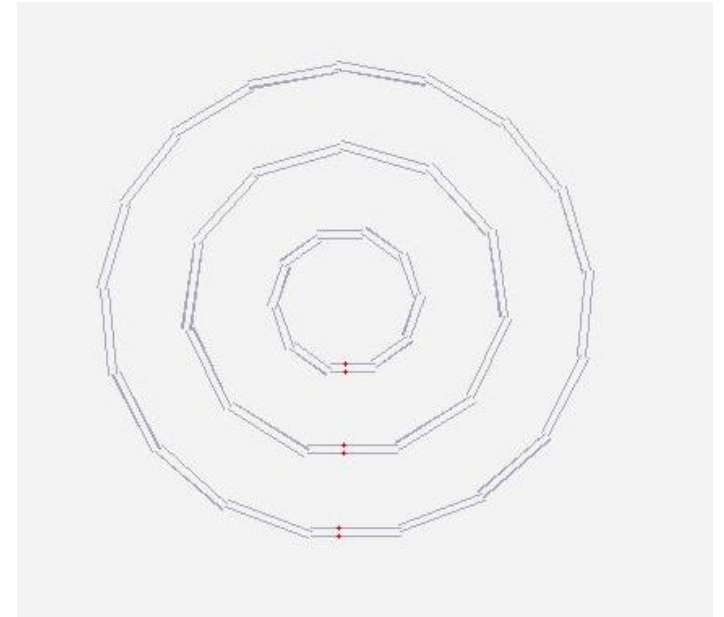
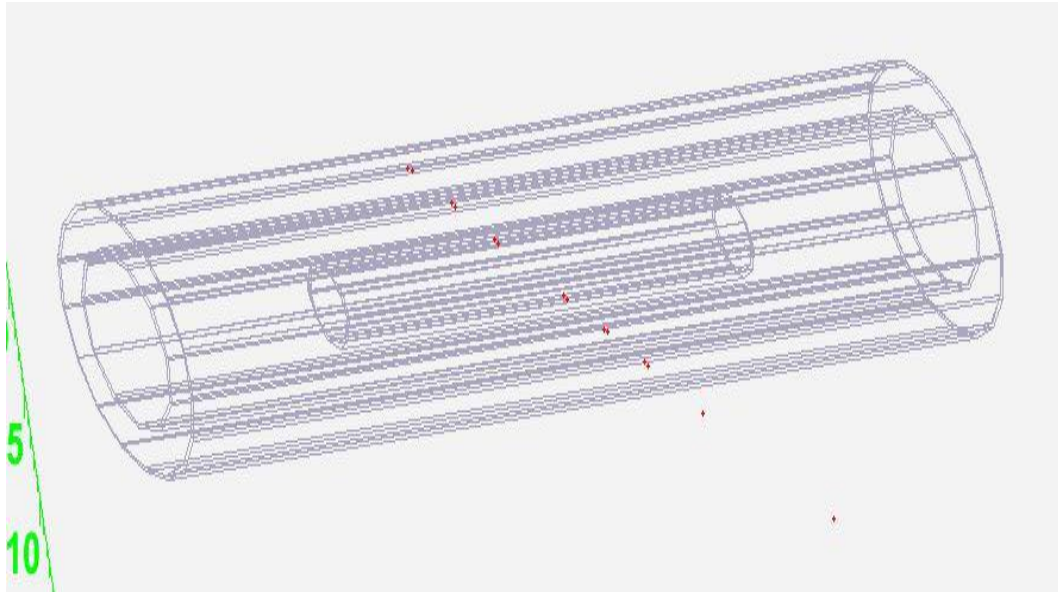
D.Kamai (Tohoku University)

Current Status

- Development of new silicon tracking processor.
 - Implementation of the 3 doublet layer structure into KalTest package was finished.

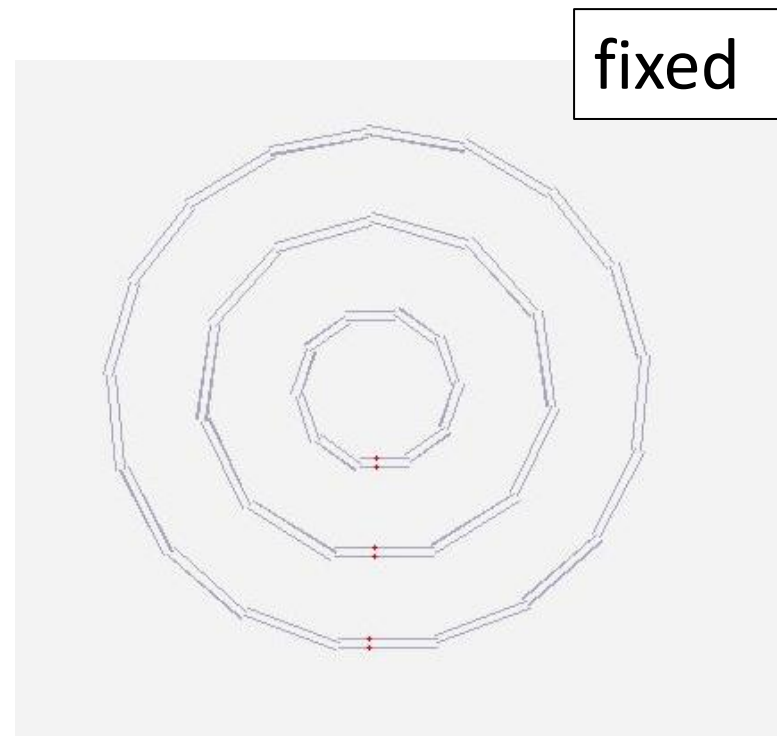
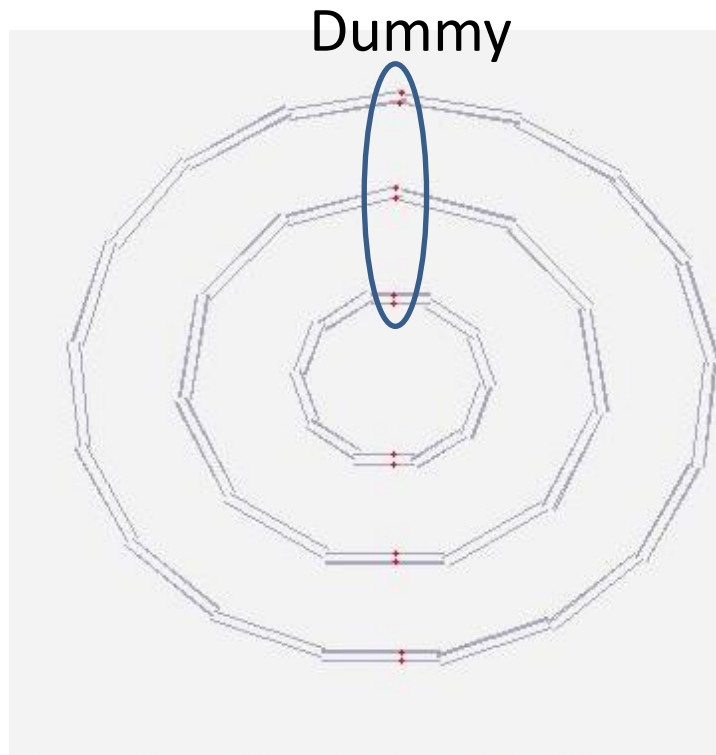
Geometry of VXD

- Geometry of FPCCD vertex detector was installed.



Problem of dummy hit creation

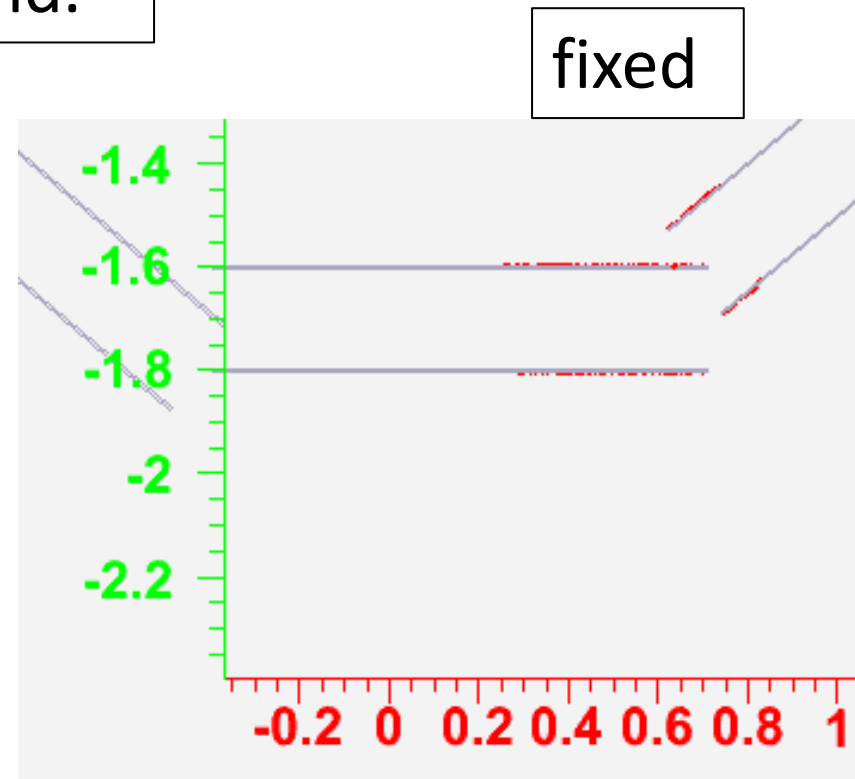
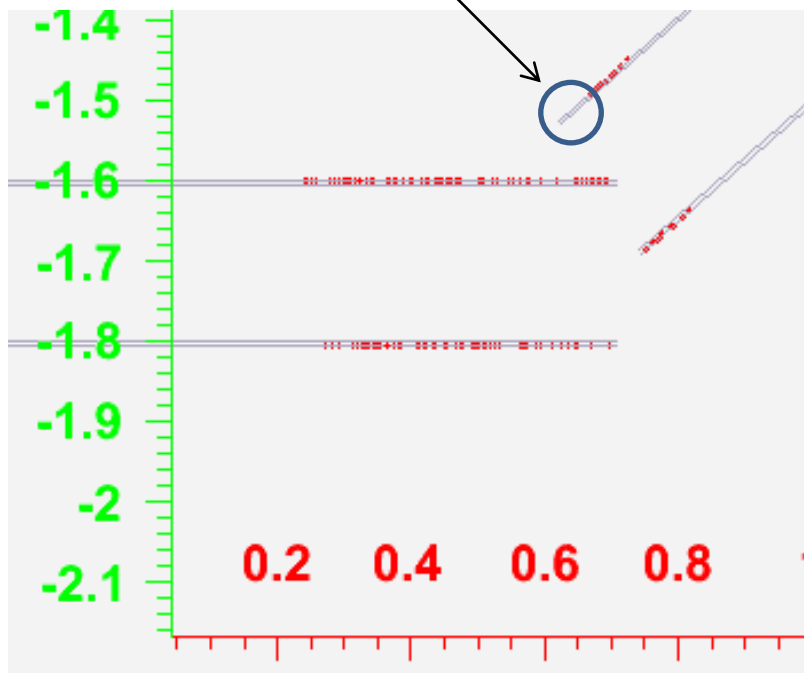
- Problem of dummy hit creation was fixed.



Numbering problem of ladders

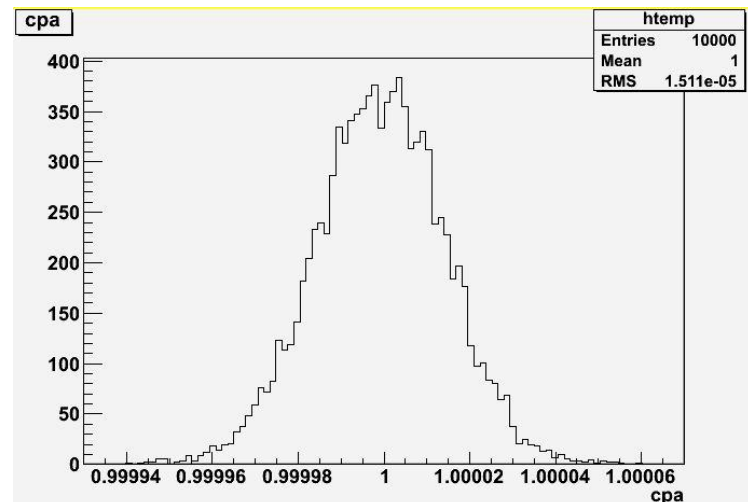
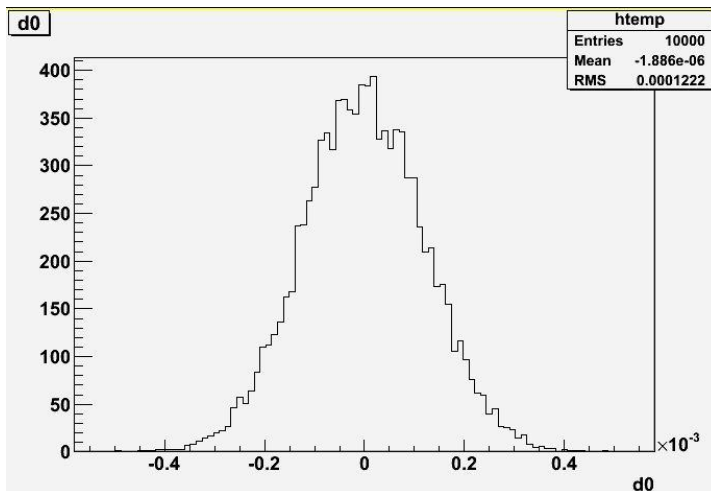
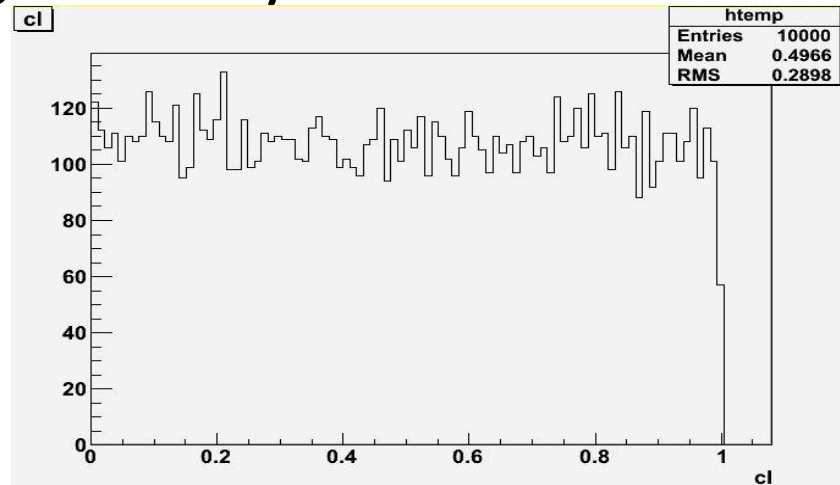
- Numbering problem of ladders was fixed.

In this area, hit was not found.



Tracking result

- Tracking was performed with mcs and energy loss.
 - Kalman filter is working correctly.



Next step

- Upload new code of KalTest to svn server.
- Implement new geometry into KalDet.
- Expand the versatility.