FCAL Clustering WG.
Meeting Minutes.
November 24, 2014.

Karsten gave a talk on L* at ILD study, slides contain:

- Information on ILC change control process and management;
- Geometrical details and possibilities of changes of ILD forward region;
- Preliminary results on study of vacuum condition in IP depending on pumps location;
- The tasks for ILD to study and the deadline, which is April 2015.

There was long and fruitful discussion with following summary:

- It is important to study in simulation the background in ILD tracking detectors depending on the vacuum conditions in the beam pipe. It requires dedicated software as typical detector simulation is focused on the particle propagation after the collision while for this case the study of a beam propagation along the pipe before and after the collision is required.
- It would be very useful to have the estimation of the background changes depending on the BeamCal position with respect to IP. Beam conditions can be considered unchanged.
- Reconsider the design of forward region keeping in mind that every centimeter might be important. Look carefully on LHCAL.
- Magnetic field in the forward region will be different for shorter L*, but there are no values so far.
- Possible change of the beam crossing angle can be neglected for L* change study for the time being.

Test beam data analysis is in progress, though there are no new results.

Next meeting was scheduled to take place on December 8 at 5 pm (CET).