

FCAL Clustering WG.
Meeting Minutes.
January 19, 2015.

Lucia presented results on BG in BeamCal SIMULATIONS – changing DISTANCE to IP

- the simulation considered the BeamCal positioned at 320 cm from IP with unchanged geometry, so the acceptance of the detector was different;
- The background was reduced by about 12% compared the one in nominal position of BeamCal (360 cm from IP).

During the discussion it was suggested to make a simulation for the case the acceptance of BeamCal in the new position remains unchanged.

Oron gave a talk: Update on Beam Test Data Reconstruction in Telescope.

- In addition to previous results it was found that cutting on track angles to select particles moving parallel to XZ and YZ plane does not decrease the difference in track residuals.
- Further improvements in telescope sensors alignment and reconstruction algorithm are required.

Next meeting was scheduled to take place on February 16, at 5pm (CET).