

Zeuthen plans

- Tue 27.07.10 – finish preparation and pack things
- Wed 28.07.10 – (morning) car with equipment will start to DESY Hamburg. At 2:00 pm – 'training' meeting with Ingrid Gregor, bldg 27 beamline 22
- Rest of the week – installation and test of equipment
- Measurements: minimal program - ~4 8-hour shifts needed, in the best case could start at the weekend.

Please put all relevant information under:
/afs/afh.de/group/lc/lcdaq/TB_Hamburg_10

Measurements

- Adjust the beam: try to get at least 50 (100) Hz into the trigger counters. Collimators $\pm 3.5 - 4$ mm in both x and y. Beam energy – the higher the better (multiple scattering), 2-3 GeV should be OK.
- Align the sensor. Central cell region 4 – scan in x and y using scalers for trigger and DUT cell count rates (we need them in the hut).
- Adjust trigger timing, check DAQ, synchronize time stamps.
- Get ~ 20 K events for each DUT cell (24 cells, 10 min/cell, 4 board positions). Assuming 50% efficiency (good tracks) we will have 10 K good events at the end. Total time needed: ~ 5 hours
- Region 4, 2 positions between cells. High statistics runs about 1 M good events each: 2 x 12 hours

High statistics runs:

- Example: positions of the pad borders in the trigger counters “window”

