

Desy Test Beam

Minutes of the DESY TB organisation kickoff meeting Dec-18, 2015 (Fri)

I) General issues

- The DESY testbeam area will be available for 4 weeks
(about half compared to the 2014 TB)
- The first week is foreseen for installation/preparations and the remaining 3 weeks
are for the TB itself
- Access will start on Apr-4, 2016, 8:00 am and the hall must be cleared by May 2, 2016, 8:00
- The equipment and the space available will be the same as in the 2014 TB
- TB participants will need to register via indico for access to the area
(details to be announced), the DESY guesthouse can be booked from now on

PXD

- The overall coordinator for PXD will be Carlos Marinas,
- the coordinators for PXD DAQ are Soeren Lange and Igor Konorov
- The main goal of the TB for PXD is a system integration test (demonstrate the readout of 2 PXD ladders or 4 PXD sensors), a secondary goal is the region of interest (ROI) finding
- PXD planned attendance:
https://docs.google.com/spreadsheets/d/1s6yj1QgzxW64QSZ5Ap6RQ332wl_IKFm5su9nvROEt40/edit?pref=2&pli=1#gid=0

SVD

- The coordinators for SVD will be Katsuro Nakamura and Markus Friedl
- The main goals are to demonstrate the readout of the full Beast 2 geometry (one ladder of each L3, L4, L5 and L6), control the readout chain plus power supplies with EPICS-based slow control and record enough high-quality data for tracking/alignment people
- SVD planned attendance:
<https://docs.google.com/spreadsheets/d/1ckxNiAnurQITAgFNmAbgu96CnxkrPRit2PyIGcLISPA/edit?pref=2&pli=1#gid=186001220>

DAQ

- The coordinator for DAQ will be Ryosuke Itoh, all five KEK DAQ people (Itoh, Nakao, Konno, Yamada and Yamagata) plan to come to DESY

Logistic

- DESY TB meetings will be held bi-weekly from now on Fridays at 9:00 CET/17:00 JST
- The next meeting will be on Jan-22, 2016

Topics for Tracking

- Stress test of the VXDTF2
- Single hit detection efficiency
- Alignment procedures
- Hit spatial resolution
- ROI

Attendance from tracking

- Bold attendance in 2014 (~ 2 man months):
 - Tobias, Johannes, Jakob, Tadeas, Giulia, Eugenio
- Plan for 2016:
 - patten recognition + alignment + fit + Giulia, Eugenio, Thomas L. (Pisa)