A.Lusiani - Pisa

SuperB meeting, Pisa, 7 October 2011

- what
 - ► efficiency, resolution vs. threshold, angle
 - ► Superpix0, analog MAPS, striplets
 - ▶ need: alignment
- when
 - ightharpoonup prelim. results in \sim 2 weeks (requested yesterday)
 - sound results for SuperB TDR Dec 2011
 - ► article by Feb 2012

- ♦ people
 - ► A.L.
 - Nicola Neri, since Nov 2011
 - ▶ Eugenio & Stefano su analog maps
 - ► Benjamin Oberhof (graduate student) (new alignment code with Millepede)
 - Laura Fabbri
 - Antonio Paladino (undergraduate)
 - somebody from Trieste
 - Marcin Chrzaszcz (Krakow graduate student)
- division of work
 - ▶ to be defined, but mostly obvious
 - priority on Superpix0, analog maps
 - ▶ 2nd priority striplets

- work to do
 - fixing & debugging code, multiple runs, multiple align runs
 - collecting run information Nicola Neri, since Nov 2011
 - align telescope on runs with stable conditions
 - ▶ align DUTs (large angles may be problematic → Millepede)
 - recostruct all data
 - rejoin analog MAPS with the man data stream
 - get efficiency and resolution
- organization
 - ▶ https://sbrepo.pd.infn.it:8911/projects/Sbt/wiki
 - superb-svt-sbt@lists.infn.it
 https://lists.infn.it/sympa/info/superb-svt-test-beam
 - full data-set in Pisa, Bologna, easily portable elsewhere
 - code runs on SL4, SL5, Root 5.18, 5.26, 5.28
 - ▶ debugging code for gcc 4.3.2 (CERN standard for LHC)