
SFT Group Meeting

NEWS

14th January 2013

News

- NMS summer students
 - John A : Performance of G4 geometry navigation
 - Fons: porting ROOT to the Drupal website
 - Federico : ?
- TS/DS
 - DT group : identified candidates
 - Daniel Funke : DS new concurrency activities

AIDA - testbeams

- Excellent progress was achieved in the construction of the irradiation facilities at CERN, namely the Proton & Mixed field irradiation facility in the East Area (EA-IRRAD) and the GIF++ facility in the North Area.
 - Both projects are now fully approved CERN.
 - Design of a low-energy (1-9 GeV/c) muon, pion and electron beam in the H8 beamline, for neutrino detector R&D.
- Design of a low-energy (1-9 GeV/c) muon, pion and electron beam in the H8 beamline, for neutrino detector R&D. First design is complete
- The Frascati TBF infrastructure
 - electrons, positrons, photons and neutrons
 - Energy range 25-750 MeV.

WP2

- Progress has been reported in all sub-tasks
Deliverables and Milestones achieved (with one exception)
- Started to see the use of geometry toolkit (DD4Hep) in other Sub- tasks
- Most of the work done is the context of a given experiment (LC, LHC)
- This is fine but we need to make an effort to generalize and develop experiment independent software (PandoraPDF is an excellent example)
- Final goal is to deliver a set of generic and reusable libraries that can be used by the HEP community
- Available in an open code repository - proper documentation