Workshop Agenda

• Planning a total of 20 to 30 talks and lunch tutorials

• Overview talks (under negotiation with some of the “victims”)
  – LAT data taking
  – LAT Trigger and Timing Results
  – Deadtime and Livetime Results
  – TEM/GEM and Trigger Engines
  – FSW Filter
  – ACD,CAL,TKR Calibrations
  – ACD: “data storage” and/or “user access”

• Tutorials (working lunch!)
  – ACD variables
  – GEM variables
  – Suggestions?

• Short analysis talks (15-20 min)
  – 9 requests so far

• Are you planning to give a talk, please let us know!
  – Need to organize schedule
  – have requests to use time from the IA workshop for
    – beam test discussions
    – one DC2 talk
Analysis Topics in Progress

- People who already started working on a topic and informed us

  - Deadtime and Livetime *(Requirement to be sold to NASA at the LAT level)*
    - Warren
  - TKR TOT saturated events
    - Hiro
  - TKR noise occupancies and “flare” *(using periodic triggers?)*
    - Mutsumi/Hiro
  - Study of TKR and CAL_LO triggers
    - Jane/Eduardo
  - Study of CAL_HI triggers
    - Dave/Eduardo
  - Selection of photons within cosmic ray sample
    - Bijan/Elliott/Felix
  - ACD Tomography with TKR
    - Eric Charles
  - Review of ACD Pre-ship tests
    - Alex
  - ACD Performance as in LAT muon run
    - Alex
Suggested Analysis Topics

• Projects that need volunteers
  • CAL MIP Centroid determination and CAL MIP SPAR for 68% containment (Requirement to be sold to NASA at the LAT level)
  • CAL noise occupancies (using periodic triggers?)
    – Sent message to Neil and Eric Grove to organize the effort
  • Are there discrepancies between CAL Moments Method (Merit ntuple) with CAL Mip Finder (SVAC ntuple) from Fred Piron?
  • ACD noise occupancies (using periodic triggers?)
    – Alex is organizing the ACD effort
  • Intertower alignment
  • Intratower residuals for each tower

• Think of what you did in the past and
  – consider repeating some or all of it for the full LAT
    – now we have ACD and 16 towers !!!!
    – Factor those in your analysis of the partially populated LAT

Are you lost? Need help?
Got suggestions?
Other topics?

Please send us an email