Concluding Remarks (1)

- Interesting week (at least for me!). What follows is (incomplete) list of main points as perceived by me.
- ORGANIGRAM…has some ‘holes’: notably some group/body to deal with ‘technical issues’, and how does Graphics fit in. A ‘technical body’ will be set up, and I will sort out how Graphics fits in.

Concluding remarks (2)

- Physics requests: Access to full G3 data, and use of ROOT(PAW)…. see later.
- SESSION WITH LHCC: some similar comments about Organigram made by referees. Also date of LHCC Computing Review now probably MARCH 2000. Otherwise, they 'took note' of situation. I emphasised PLAN, and concerns about LHCC -v- CERN Management Reviews.

Concluding Remarks (3)

- DETECTOR DESCRIPTION: There is an URGENT need to define Next Steps. RD, David M, Andrea, +…. PLEASE let me have your thoughts on this. Aim to formulate "actions" next week.
- dBase, Objectivity etc: ATLAS has been asked two questions by LCB:
  - 1) what should RD45 still do??
  - 2) what should CERN/LHC 'risk-averse' strategy be?

Concluding Remarks (4)

- dBase... (contd.) Could RD/David gather opinions on these two questions, please?
  - One question from discussions: What are implications of “all disk/no tape”?
- Very interesting to hear about STAR experiences...

Concluding Remarks (5)

- ATF session:
  - ATF has heard about work done in ATLAS and other experiments. (+Craig T's talk.)
  - Design process + prototyping being launched.
  - There WILL be a follow-up group/body after ATF.
- Overall Architecture warrants design. Will take some time…. Hence PASO.
- QCG: … I missed..because LHCC session.

Concluding Remarks (6)

- Repository/Releases etc.: some familiar problems! Freezing "TDR version" needs action from 'physics groups'. I will communicate this!
- Tools (etc): Don't forget to try out TOGETHER! (30-day licence)
- TileCal OO work: Encouraging… more of this please. ('Real' users etc. etc.)

Concluding Remarks (7)

- Analysis Tools, ROOT(PAW) etc.:
  - There's no 'final product' available today...and may never be….
  - In interim, "plurality" of approach is fine. Software community does not 'forbid' use of any product…and couldn't even if it wanted to!
  - This includes ROOT(PAW)……. But…..

Concluding Remarks (8)

- …we believe we can provide the BEST overall Architecture for ATLAS (BEST= for users and maintainers).
- So, some concern that ROOT might take over Architecture “by stealth”.
- Therefore suggest: write ntuples, then use PAW(ROOT).
- “plurality” includes support for latest LHC++ plan.

Concluding remarks (9)

- Reconstruction session: General move towards OO/C++ . I heard requests for more in PASO…. That's a good problem to have! Request for HITS… need to assess next week (CSG).
- Graphics: wide range of products… I missed parts of session (and all of MONARC)… but here, as elsewhere, we need….

Concluding Remarks (10)

- …the PLAN: recall my 'spiel' in Opening Remarks. PLAN needed for us, rest of ATLAS, review bodies etc. etc.
- … Finally, our thanks to Helge and Maya for organising 'Juergen-fest'. An instance of the class AtlasSoftwareParties, which we should instantiate more often… e.g. AtlasSoftwareXmasParty, which inherits from….
- Thank you.