

AAP Review

横谷 LC定例 2008.12.22

Preparation of AAP Review

- General charge sets the frame
Version of early November
- Rough structure of the meeting has been defined since some time: 3 central days of the 5 day meeting will be used for the review
- Since then have worked with the PMs towards a more detailed agenda

- **The Accelerator Advisory Board (AAP) is a board set up by the project director to advise him and the project managers on technical issues regarding the accelerator. Research, development, engineering, design, and industrialization issues would all be addressed by the AAP.**
- **The board serves as an advisory body and a tool for the project to address reviews and interfaces, which formally and periodically reports to the GDE Director on all technical aspects of the project. When requested by the project director or project managers for advice on a certain issue, the chair of the AAP would decide whether to assign a sub-group to gather information and advise the full board or simply to have the full board consider the issue. To keep up-to-date a few members will participate in the Project Review Meetings (9.3).**
- **The standing membership of the board will be agreed upon by the GDE Director and the chair of the AAP. For specific issues, the AAP may choose to add ad-hoc members to a sub-group or the board to complement its knowledge base. Both standing and ad-hoc members may be from inside or outside the ILC community.**
- **The chair will designate three members of the board (one from each region) to act as members on the Change Review Board (section 6.10). These members will participate in the change control process, and make periodic reports back to the AAP during their meetings**

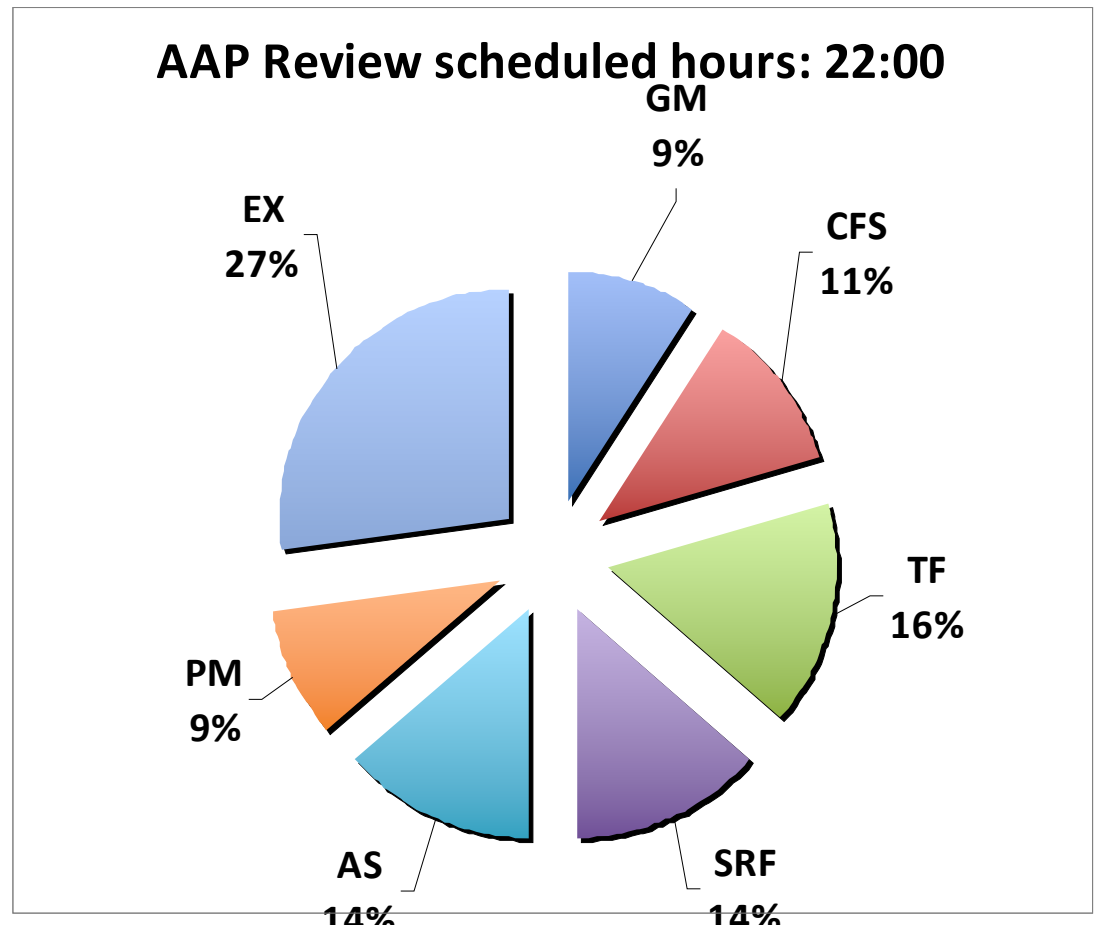
Proposal for agenda items

- | • | Category | Duration | Speaker | Topic |
|---|----------|----------|------------|---|
| • | GM | 1:00 | Barish | HEP and the ILC |
| • | GM | 1:00 | PM | TD Phase Strategy |
| • | TF | 1:00 | NN | ATF and ATF2 |
| • | TF | 1:00 | NN | FLASH (LLRF, high current) |
| • | TF | 0:45 | NN | CesrTA |
| • | TF | 0:45 | NN | Results of e-cloud (CesrTA and rest of experimental and simulation program) |
| • | AS | 0:20 | NN | e- |
| • | AS | 0:40 | NN | e+ undulator, target and alternates |
| • | AS | 0:40 | NN | DR rings |
| • | AS | 0:20 | NN | RTML (incl single BC) |
| • | AS | 0:40 | NN | BDS |
| • | AS | 0:20 | NN | Simulation (start to end) |
| • | PM | 0:30 | Garbincius | Cost management and examples |
| • | PM | 0:30 | Paterson | MM - aspects of simplification and eventually cost |
| • | PM | 0:30 | Toge | EDMS - Towards ILC engineering |
| • | PM | 0:30 | PM | Project summary |
| • | CFS | 1:00 | MR | Siting |
| • | CFS | 1:30 | MR | Machine Layout |
| • | SRF | 3:00 | AY | SRF Status incl Plug compatibility |
| • | EX | 2:00 | AAP | Executive session |
| • | EX | 2:00 | AAP | Executive session |
| • | EX | 2:00 | AAP | Executive session |

Allocation by Topic

- >7h sessions every day (in addition to lunch, break)
- need extra time to prepare daily summary and report
- first version should be available immediately after the review

GM	2
CFS	2.5
TF	3.5
SRF	3
AS	3
PM	2
EX	6
sum	22



- GM
 - Scope of strategy discussion:
Assumption is that the TDP document sets the plan till 2012
 - Success is measured in terms of achieving ILC readiness
 - will not discuss $\gamma\gamma$ nor 3 TeV, ...
- TF
 - FLASH also covers LLRF and controls
 - CsrTA
milestones of the program; future use?
 - e-cloud
draws from many inputs (CsrTA, PEP-II, KEKB, ...)
 - ATF2
- CF&S
 - Siting
 - Machine layout

- AS contains technical implications of MM proposal
 - e+ source includes alternates
 - DR, everything but e-cloud. MM aspects included
 - BDS includes description of MM implications
- SRF – needs to be expanded (like to get further input from AY)
 - Cavities, tuners, cryomodules
 - S0, S1, S2
 - Plug compatibility
- PM
 - Minimum machine – overview, system aspects
 - Project summary

- Emphasis on
 - Electron cloud, CESR-TA (time limited)
 - ATF2
 - Cavity gradient
 - Single tunnel
- Documents
 - 1月末までにreviewのもとになる文書を作る

AAP Members

- B. Willis
- E. Elsen
- C. Damerell
- J. Dorfman
- T. Himmel
- M. Kuriki
- O. Napoly
- K. Oide
- H. Padamsee
- T. Raubenheimer
- D. Schulte