TILC09 / AAP Review

- **TILC09** - Friday 17 to Tuesday 21 April 2009 Tsukuba (downtown)
  - **5 days: 3 days of parallel sessions + open & closing plenary**
  - **http://ilc.kek.jp/TILC09/index.php**
- Interim AAP review is PM's highest-priority
  - **Detailed in-depth critical review across entire project**
  - **Effectively a 'plenary session' running all three available days**
- Need discussion on additional parallel sessions
  - **But they must be planned so as to not interfere with the Review.**
- Plan for ~100 GDE participants
  - **~30-50 of which will be in review (at any one time).**

AAP TDP1 Interim Review – Charge:

- The Accelerator Advisory Panel (AAP) is a panel appointed by the project director, to advise him and the project managers on technical issues regarding the accelerator.

- Research, development, engineering, design, and industrialization and operation issues would all be addressed by the AAP, in line with the current *implementation plan* of the Project Management.
 - → *R & D Plan* ←

AAP TDP1 Interim Review – Charge:

- Typically once a year, the AAP carries out a major in-depth review of the ILC project.

- Along with the technical aspects the *project management and project plan* are addressed.

- For this matter the AAP is augmented by technical and project experts.

- *The reviews are preceded by exhaustive documentation that address the goals of the specific period.*
  - **"AAP Review Website"**

- The review is summarised in a written report to the Director.

Background – MAC

- Machine Advisory Committee (MAC) active during RDR phase

  - traditional peer review process

  - substantial documentation

    - technical background

    - progress

  - series of intense meetings with full reviews

    - snapshot of then current issues

    - often augmented with additional ad-hoc agenda

traditional approach
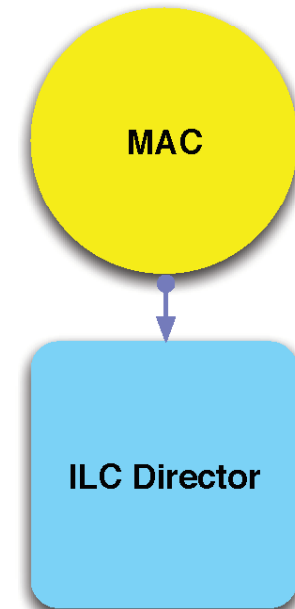
structures adequate during RDR

MAC

ILC Director

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Expectations for AAP

- Internal group that **understands**

  - possibilities

  - limitations

  - constraints

- group that **contributes** to the effort

  - by adding a point of view external to the requirements of day to day management

    - aligned with project goals

  - by adding independent expertise as needed

    - from panel members or

    - from external members called in as needed

How does this work in practice?

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AAP Members

- Chris Damerell (RAL)

- Jonathan Dorfan (SLAC)

- Eckhard Elsen (DESY)

- Tom Himel (SLAC)

- Masao Kuriki (Kyoto)

- Olivier Napoly (CEA)

- Katsunobu Oide (KEK)

- Hasan Padamsee (LEPP)

- Tor Raubenheimer (SLAC)

- Daniel Schulte (CERN)

- Bill **Willis** – Chair (Columbia)

list originated from GDE R&D Board and was augmented by additional requirements

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Nomination of external members

- External members

  - provide specific expertise

  - global input on governance

- AAP has started to develop such a list

  - concentrating on specific expertise in line with the thematic emphasis of the first review

- Note

  - AAP + external members = AAPR

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AAP Review - topics

- Focus of AAP will based on our published R&D Plan activities
  - **SCRF Main Linac technology**
    - S0, S1 (S1 global), S2, plug compatibility
    - …
  - **Beam Test Facilities**
    - ATF, ATF2, CesrTA, DAFNE, KEK-B,…
      - Special emphasis on electron-cloud
    - TTF/FLASH (S2-related)
  - **CFS**
- Other (sub-topics) will include
  - **Technical R&D not covered in above**
  - **Project Management issues**
  - **…**
- Expect ALL Group leaders to attend and make presentations
  - **Draft agenda proposal being made in consultation with AAP**
  - **Available for comment before Christmas (draft today)**

AAP Review Preparation

- Preparation started at ILC08

- AAP want to be well-prepared for review
  - **Special website set-up with selected key documents / information to specific themes of review**
  - **This will require your input –** *ATF2 collaboration*
  - **Proposed document submission by 30th January**

- AAP plans to generate a list of questions that will guide our presentations
  - **We will be expected to answer them**
  - **When ? Under discussion…**

- Expect to have to supply something like 15 hours of presentation
  - **Split approximately 50-50 between actual PowerPoint and questions/discussion**

Other (parallel) TILC09 Groups

- We need to plan (useful) meetings in parallel to the review itself.
- Plan for additional ~50 people in parallel sessions
- Organise so that there is not critical overlap with required participation in review itself.
- Proposals for parallel themes welcome
- Some ideas:
  - **SCRF (perhaps up to two parallel groups)**
  - *ATF & ATF2 (proximity to KEK)*
  - **MDI (proximity to physics & detector groups)**
  - **General Accelerator Physics & Design group**
    - Would include minimum machine aspects, but not exclusively
    - System-wide discussions
  - **…?**

- Note PMs unlikely to be able to attend
  - **They will be stuck in the review for the duration** ☹

AAP Review – agenda guidelines

- The review panel would like to deliberate ~7 hours/day, 3 morning and 4 afternoon.
  - **There may be additional executive sessions in the evening.**
  - **(draft agenda is not consistent yet…)**
- 2) ~ 21 hours to be *[1/3 : 1/3]* : 1/3 - presentations, questions and executive session.
  - **Rough guidance**

DRAFT AGENDA
TDP1 INTERIM REVIEW
AAP SESSIONS
TSUKUBA
APRIL 17 - 21, 2009

		Saturday, April 18, 2009	Sunday, April 19, 2009	Monday, April 20, 2009
	9:00	Exec Session	ATF2 Seryi	AS Walker
	9:30	Project Director Barish		
	10:00	Project Manager PM	CESR TA & EC Palmer	
	10:30			
	11:00	CFS (1) Ross		
	11:30		SRF Yamamoto	
	12:00			
	12:30			
	13:00			
	13:30			
	14:00	CFS (2)	SRF	Minimum Machine
	14:30			Proj. Management
	15:00			Summary PM
	15:30	Global Sys&FLASH Carwardine		
	16:00		Exec Session	Exec Session
	16:30	Exec Session		
	17:00			
	17:30			
	18:00			
	18:30			
Presentation + Questions (tot. hours)		5	5	5
Exec Session		3	3	3
		CFS 2.5	SRF 2.5	AS 3
Test Fac	3.5			
PM (incl. Minimum Machine	3.5			

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