



Accelerator Systems TAG Leaders' Meeting

- **PM Report**
 - Planning for ALCPG
 - TDR preparations: Area System Baseline Technical Reviews
 - Recent e+ workshop experience
 - ILC-EDMS
- **TAG reports**
 - Electron Source
 - Positron Source
 - Damping Ring
 - RTML
 - Simulations
 - Axel
 - Wei
 - Susanna
 - Nikolay
 - Kiyoshi
- **AOB**



ALCPG (18-23.03, Eugene)

- **AS working groups:**
 - Sources
 - Axel ?
 - Wei ✓
 - Tsunehiko O. ✓
 - Damping Rigs
 - Susanna ✓
 - Mark P. ✓
 - Junji U. ✓
 - BDS/MDI
 - Andrei ✓
 - Hitoshi Y. ✓
 - (Europe ??)
 - Simulations / Beam Dynamics
 - Kiyoshi ✓
 - Nikolay ✓
 - Daniel ✓
- **Important Plenary**
 - GDE: TDR planning (Saturday 19th 16:00)
 - Joint: TeV upgrade (Monday 21st 15:30)



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General:

- Review R&D status
- Consolidate R&D plans for TDR
- Action items (for LCWS in October)

TDR Planning (central theme)

- Identify scope of remaining design work
- Preparation for baseline reviews
- Documentation (prep. for EDMS)
- EDMS structure

Other TDR issues (start to discuss)

- TDR risk analysis
- Scope of post-TDR work.



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Special sessions to consider:

- Joint session for Central Region Integration (Ewan) issues
- Joint sessions with CFS (tbc)
- Session dedicated to EDMS planning
- General AD&I session (tbc)
- ...



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TeV Upgrade

- ALCPG is start of a study (6-12 months)
- First step: identify issues which need to be discussed
- Examples:
 - Gradient for upgrade (→SCRF)
 - Construction & Schedule scenarios
 - Approach to positron source
 - Impact on other AS
 - Overall parameter
 - ...
- Expect to form special WG for this study (TBC).
- White Paper (as part of TDR)



Baseline Technical Reviews

- **Next level of detail down from TLCC**
 - PM (not Director) driven
- **Proposal: walk through each TAG and review design (and variants)**
 - Identify scope of what has been done and agreed-upon
 - What decisions still need to be made for baseline?
 - What variants can we (easily) support in baseline?
 - What is scope of remainder of work?
- **Acquire baseline documentation in ILC-EDMS**
 - formal documentation in a WBS structure
 - signed-off on by TAG leaders / PMs
 - Thereafter under technical 'change control'
- **2-day face-to-face meetings (small group)**
 - dates will be announced in ALCPG
- **Important: open and transparent process**



Recent e+ source WS at Daresbury

- **Prototypical of BTRs.**
- **Thursday:**
 - walk through layout and design of baseline undulator source
 - (no R&D reviewed here – second meeting needed).
- **Friday**
 - ILC-EDMS structure agreed (WBS)
 - Existing documents uploaded
 - comprehensive parameter tables
 - CFS related documents
 - lattice files
 - CAD 3D models
 - ...
- **Understanding of state of design**
 - i.e. what still needs to be done
 - Accuracy (maturity) of existing design documents
- **Documentation still being consolidated (QC)**
- **Eventually WBS documentation available via WWW**
- **Lessons learnt:**
 - More attention to preparation of documents for upload before meetings
 - Better organisation of agenda so that we can
 - Better arrive at decisions where needed.

WBS structure/documents for e+
source now implemented in
EDMS

Issues for ALCPG



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