



ILC GLOBAL SYSTEMS MEETING

CONVENTIONAL FACILITIES AND SITING GROUP

AAP Review Preparation

V. Kuchler, J. Osborne, A. Enomoto



AAP Context Outline

- CFS
 - *Characterization of the process towards final ILC layout* *Context*
 - Tunnel and Depth configurations
 - Cost implication
 - Optimization of power distribution
 - Operational aspects
 - Goals of TDP phase I and II for CFS
 - Completeness of Design?
 - Assessment of effort after TDP.



Alternate Proposed CFS Outline

TDP I

- **Value Engineering Efforts**
 - **Process Cooling Water and HVAC**
 - **Main Linac Tunnel Configuration Studies**
 - **CFS Implications from the Minimum Machine Design Study**
 - **Surface Building Criteria/Configuration**
- **Collaboration Efforts with CLIC, XFEL and Project X**
- **Development of Revised Baseline Criteria**
- **Site Characterization and Transition to Site Selection Process**

TDP II

- **Development of Revised Baseline Design**
- **Development of Revised Cost Estimate**
- **Development of Revised Project Schedule**
- **Write CFS Portion of the Technical Design Report**



Proposed Presentations

TDP I Overview - V. Kuchler

Process Cooling Water and HVAC - L. Hammond

Distributed RF System Studies at KEK - A. Enomoto

Main Linac Tunnel Configuration Studies - T. Lackowski

Collaboration Efforts with CLIC, XFEL and Project X - J. Osborne

Closing Overview - V. Kuchler



Parallel Session Agenda

<i>Saturday (4/18)</i>	<i>AM CFS AAP Review</i>
	<i>PM CFS Breakout Session</i>
<i>Sunday (4/19)</i>	<i>AM CFS Breakout Session</i>
	<i>PM Plenary AAP</i>
<i>Monday (4/20)</i>	<i>AM CFS Breakout Session</i>
	<i>PM AAP Plenary</i>



Pre-Meeting Preparation

- *Supporting Documentation for AAP Review Posted to Indico Site by 2/27*
- *Preliminary Discussion with J. Dorfan and E. Elsen during the Week of 3/2*
- *Review Presentations Written and Posted to Indico Site by 4/10*
- *Verify CFS Participants*