Facility Advisory Committee (FAC) Meeting  
April 20-21, 2006

AGENDA

Thursday, April 20th – Plenary
Location: Orange Conference Room, Building 040

7:30 Executive Session
8:00 Welcome J. Dorfan
8:10 Opening Comments K. Hodgson
8:20 Project Status Update, and Charge to Committee J. Galayda
8:50 Safety M. Scharfenstein
9:00 Project Management M. Reichanadter
9:20 E-Beam Systems Update D. Schultz
9:40 Undulator Update S. Milton

10:00 Break

10:20 Photon Systems Update J. Arthur
10:40 Controls Update H. Shoaee
11:00 Conventional Facilities Update D. Saenz

11:20 Adjourn to Breakout Sessions (see Breakout Session Agenda)

5:30 Executive Session (Orange Conference Room, B040)

7:00 Dinner – Amarin Thai Cuisine Committee/Speakers

174 Castro Street, Mountain View, CA
Breakout Session 1: Design & Construction: Accelerator Systems

Location: Red Slate Conference Room, Building 280-C

11:30pm  Injector/Linac System Overview Integration, Installation, & Schedule  E. Bong
12:00pm  Injector Beamline Design & Fabrication  C. Rago

12:30  Lunch  Orange Room
1:30pm  Laser Installation & Commissioning  B. White
2:00pm  RF Gun Fabrication & Testing  D. Dowell
2:30pm  Bunch Length Monitor Development  S. Smith
3:00pm  SAD & ARR for Commissioning  D. Schultz

3:30pm  Break
4:00pm  Physics Commissioning  P. Emma
4:30pm  Discussion  All

Breakout Session 2: Design & Construction: Undulator Systems

Location: SSRL 2nd Floor Conference Room, Building 137

11:30pm  1st Article Report & Undulator Production Status  S. Milton
12:00pm  Undulator Vacuum System  D. Walters

12:30  Lunch  Orange Room
1:30pm  Single Undulator Test Status/Plans  G. Pile
2:00pm  Undulator System Assembly Plans  R. Pope
2:30pm  MMF and Magnetic Measurement  Z. Wolf
3:00pm  Alignment Strategy  H. D. Nuhn

3:30pm  Break
4:00pm  RF BPM Status and Planning  Morrison/Milton
4:30pm  Discussion  All
### Breakout Session 3 - Design & Construction: XTOD & Experiment Station Systems

**Location:** Yellow Conference Room, Building 041

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:30pm</td>
<td>XTOD Planning for 2nd half FY06</td>
<td>D. McMahon</td>
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<tr>
<td>12:00pm</td>
<td>XES Planning for 2nd half FY06</td>
<td>S. Moeller</td>
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<td><strong>12:30</strong></td>
<td>Lunch</td>
<td><strong>Orange Room</strong></td>
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<td>1:30pm</td>
<td>X-ray Transport System</td>
<td>J. Trent</td>
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<td>2:00pm</td>
<td>X-ray Slits</td>
<td>J. Trent</td>
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<td>2:30pm</td>
<td>X-ray absorbers</td>
<td>S. Shen</td>
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<tr>
<td>3:00pm</td>
<td>X-ray beamline and experiment layout</td>
<td>J. Arthur</td>
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<tr>
<td><strong>3:30pm</strong></td>
<td>Break</td>
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<td>4:00pm</td>
<td>Discussion</td>
<td>All</td>
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### Breakout Session 4 - Controls

**Location:** Orange Conference Room, Building 040

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:30pm</td>
<td>Controls Organization Overview</td>
<td>H. Shoaeé</td>
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<tr>
<td>12:00pm</td>
<td>Timing Systems Update</td>
<td>D. Kotturi</td>
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<td><strong>12:30</strong></td>
<td>Lunch</td>
<td><strong>Orange Room</strong></td>
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<td>1:30pm</td>
<td>LLRF Update</td>
<td>R. Akre</td>
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<td>2:00pm</td>
<td>Injector/Linac Controls Installation</td>
<td>Shoaeé for Fuller</td>
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<td>2:30pm</td>
<td>PLC-based Personnel Protection Systems</td>
<td>M. Saleski</td>
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<td>3:00pm</td>
<td>High-Level Applications and Feedback</td>
<td>Shoaeé for Fairley</td>
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<td><strong>3:30pm</strong></td>
<td>Break</td>
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<tr>
<td>4:00pm</td>
<td>Network Security</td>
<td>T. Lahey</td>
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Breakout Session 5 - Design and Construction: Conventional Facilities (Saenz)

Location: ES&H Training Room, Building 003

11:30pm  Construction Organization & Processes  D. Saenz
12:00pm  Construction Procurement Management  D. McGiven

12:30 Lunch  Orange Room

1:30pm  Construction Safety  R. Hislop
2.00pm  Tunneling Safety & Logistics  R. McDonald
2:30pm  Discussion  All

3:30pm Break
4:00pm Discussion  All

Friday, April 21st
Location: See Room Location listings below

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>7:30am</td>
<td>Executive Session</td>
<td>Orange Room, B040</td>
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<tr>
<td>8:00am</td>
<td>Breakout Sessions, <em>continued if necessary</em></td>
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<td>Breakout 1: TBD</td>
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<td>Breakout 5: TBD</td>
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<td>10:00am</td>
<td>Executive Session</td>
<td>Orange Room, B040</td>
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<td>12:00</td>
<td>Lunch</td>
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<td>1:30pm</td>
<td>Executive Session</td>
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<td>4:00pm</td>
<td>Closeout - Plenary</td>
<td>Orange Room, B040</td>
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