Factories ’01 Program

Monday, October 15, 2001

Morning

Plenary Session

Time for lab reports includes 5 m discussion

Chair: J. Seeman
Location: A-B-C Rooms

08:30 Opening Remarks
D. Rice

08:35 ICFA Beam Dynamics Group Welcome
P. Drell for M. Tigner

08:45 Newman Laboratory Welcome
Y. Funakoshi

09:00 KEKB
U. Wienands

09:45 PEP-II

10:30 Break

11:00 CESR
D. Rubin

11:45 DAΦNE
M. Boscolo

12:30 Lunch

Afternoon

Plenary Session

40 m presentation, 5 m discussion

Location: A-B-C Rooms

13:45 LEP report (presented for M. Lamont)
R. Talman (Cornell)

14:30 BINP
I. Koop

15:15 Break

15:45 Really Large e+e- colliders
T. Sen

16:30 Working Group organization
D. Rice

17:00 Session end

18:15 Welcome Reception / CESR tour
(bus leaves hotel 18:00, leaves lab at 20:00)

Tuesday, October 16

08:30-12:15 Single working group – Beam-beam interactions (Amphitheater)

10:00-10:30 Break

12:15-13:30 Lunch

13:30-17:00 Split working groups (see below)

15:00-15:30 Break

Split Working Groups

<table>
<thead>
<tr>
<th>Group</th>
<th>Chair</th>
<th>Secretary</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collective Effects - (BBI, ECI, Ions) &amp; RF / Feedback</td>
<td>V. Shiltsev</td>
<td>S. Buchan</td>
<td>Classroom 1</td>
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<td></td>
<td>J. Rogers</td>
<td>A. Romano</td>
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<td>B. Schmekel</td>
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<tr>
<td>IR (background, magnets) / Optics &amp; Operations, Reliability, Instrumentation, Injection</td>
<td>Y. Funakoshi</td>
<td>M. Forster</td>
<td>Classroom 2</td>
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<td></td>
<td>U. Wienands</td>
<td>R. Helms</td>
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</table>
Wednesday, October 17

**Morning Plenary Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Next Generation Factories</td>
<td>J. Seeman</td>
<td>A-B-C Rooms</td>
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<tr>
<td>09:15</td>
<td>Two Stream Instabilities</td>
<td>J. Flanagan</td>
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<td>10:00</td>
<td>Break</td>
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<tr>
<td>10:30</td>
<td>Accelerator Maintenance for High Reliability</td>
<td>R. Erickson</td>
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<td>11:15</td>
<td>e+-e- Physics Overview</td>
<td>M. Neubert</td>
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<td>12:00</td>
<td>Lunch</td>
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Afternoon Session

- 13:30-17:30  Split working groups meet
- 15:00-15:30 Break
- 18:15-19:00 Cocktails (bus leaves hotel 18:00)
- 19:00-21:00 Banquet – Statler Hotel (bus leaves Statler 21:00)

Thursday, October 18

- 08:30-12:15 Single working group – Beam-beam interactions (Amphitheater)
- 10:00-10:30 Break
- 12:15-13:30 Lunch
- 13:30-17:00 Split working groups meet
- 15:00-15:30 Break

Friday, October 19

**Morning Plenary Session – Working Groups Summary**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Collective Effects &amp; RF / Feedback</td>
<td>A-B-C Rooms</td>
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<tr>
<td>10:15</td>
<td>Break</td>
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<tr>
<td>10:45</td>
<td>IR / Optics &amp; Operations, Reliability, Instrumentation, Injection</td>
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<tr>
<td>11:45</td>
<td>Workshop Closeout</td>
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<tr>
<td>12:00</td>
<td>Done</td>
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**Charge to the working groups:**

Review present designs and operational status of your working group topics.
How well have parameters measured up to expectations in existing machines
What are the problems and operational difficulties common to several machines
How much further can parameters be pushed to improve machine performance?
What are the critical steps in doing this?