

Dear ILC GDE collaborators and the Physics/Detector Community

We are pleased to announce 'the Second Baseline Assessment Workshop'

The Second Baseline Assessment Workshop will be organized by ILC-GDE to focus on proposed changes to the ILC Technical Design Baseline: 'Reduced Beam Parameter set' and 'Positron Source Location'.

It will be held at SLAC, 18-21 January, 2011.

For your information,

The 1st BAW was held at KEK in September 2010 and focused on proposed changes: 'Single-tunnel High Level RF Systems' and 'Accelerating Gradient'.

It was held on the Tsukuba Campus of KEK, Sept. 7 - 10, 2010.

We would like to invite your kind understanding of the workshop objective to establish and strengthen communication in order to reach the best consensus for the ILC design and our R&D effort in the Technical Design Phase 2.

With our best regards,

Akira Yamamoto, Marc Ross, and Nick Walker

ILC-GDE Project Managers

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{The 1st Announcement: dated September 10, 2010}

Preliminary Announcement of the 2nd Baseline Assessment Workshop on 'Reduced Beam Parameter set'  
and 'Positron Source Location'

Dates: January 18-21, 2011 (Tuesday to Friday)

Place: SLAC

Subjects:

1. 'Reduced Beam Parameter set' and
2. 'Positron Source Location'

Objectives and Goals:

- Assessment of technical implication, proposed in SB2009,
- Impact across system interfaces, cost, and schedule
- Consensus to be discussed with the GDE and Physics/Detector  
collaborators,
- Preparation for recommendations to the Top Level Change Control (TLCC)  
evaluation panel (chaired by GDE Director),

Spirit of the workshop:

- Face to face meetings,
  - Open to all stakeholders,
  - Plenary sessions and discussions,
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More Details are proposed as follows:

Meeting announcement

- widely announced to the GDE and Physics/Detector collaborators,

Participants to the workshop;

- Open for everybody,

- Key participants mandatory requested:

- GDE PMs (Chair)

- GDE ADI team / TAG leaders

- Physics/Detector Representatives

- External experts (invited, TBD).

Daily Agenda:

January 18: Reduced Beam Parameter set, focusing on parameters, running scenarios and development plans

January 19: Reduced Beam Parameter set focusing on cost and performance projections and potential upgrade paths

and summary/recommendation,

January 20: Positron Source Location, focusing on running scenarios and technical issues

January 21: Positron Source Location, focusing on cost and performance projections

and summary/recommendation.

Subjects of discussions expected:

1. Reduced Beam Parameter set

- Global Parameters
- Pulse length,  $n_b$ , power and cryogenic consumption
- AS impact – sources, damping rings and BDS

- Upgrade paths
- R & D strategies
- Cost impact – key cost items
- Performance impact – luminosity performance and impact on physics

## 2. Positron Source Location

- Running Scenarios – key aspects and luminosity as a function of energy
- Technical parameters – operational issues as a function of energy
- Variable repetition rate issues – power and cryogenic consumption; sources and damping ring performance
- Cost impact – key cost items
- Performance impact – luminosity performance and impact on physics

Preparation for the workshop:

- AS and AD/I monthly webex meetings will be used to assign homework, and to exchange the progress and discussions,

The 2nd BAW URL and Indico Agenda and the registration form are to be prepared in cooperation with GDE and SLAC office secretaries.

- Please send comments to the GDE Project Managers:

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