

# The fourth Baseline Technical Review (BTR) - Conventional Facilities and Siting 22-23 March 2012

All changes made to the CFS 2007 Reference Design during the Technical Design Phase are to be presented by the CFS Technical Group for review by the GDE Project Manager Review team. Each change will be evaluated on the basis of performance, cost and impact on related systems. The Review team will produce a report to the GDE covering content, findings and decisions made at the BTR.

It is expected that the CFS BTR will be the last BTR leading up to the Technical Design Report. It represents the culmination of the Accelerator System and Main Linac Technology Baseline Technical Reviews held in the last 9 months. Each of the earlier BTR's included statements of impact on CFS. It is important to identify and summarize these at the final BTR.

Also, as the final BTR, any outstanding system-wide changes that have not already been properly completed should be presented and reviewed. The list of such changes will be drafted by the Project Managers, Cost Engineers and Technical Area Groups and may include, for example, path-length related topics.

# Review Content for Technical Design Report

- Civil, Mechanical, Electrical, Safety from each ILC region
  - Including recent Detector Hall design
- Costs from each region
- **REMINDER:**

**COST INFORMATION MUST NOT  
BE POSTED OR DISTRIBUTED**

# Objective:

- Evaluate new Baseline: Performance, Integration and Cost
- → Report to be written
  - (see SRF BTR Report:

<http://ilc-edmsdirect.desy.de/ilc-edmsdirect/document.jsp?edmsid=D00000000977465>

Released 15.03.2012)

# Updates:

- Criteria; Geometry established and documented
  - Benno List, DESY
- Mechanical and Electrical from Americas/Asia reviewed (21.03)
  - Nikken Sekkei, Tokyo / Parsons Engineering, USA
- Handling / Installation, Survey/Alignment, and Schedule teams → CERN
- Deadlines and near term schedule: → Vic

# Siting Studies in Japan

- 国際リニアコライダープロジェクト・国内立地課題検討
  - AAA document, soon to be released
- Civil Engineering
- Management
- Environmental
- Infrastructure
- Earthquake



Advanced Accelerator Association Promoting Science & Technology

## ILC, International Linear Collider Project Study Report on Issues to Construct ILC in Japan

January 19, 2012

AAA, Advanced Accelerator Association  
Promoting Science and Technology

Large Project Study Group,  
Task Force to Study Issues to Construct ILC in Japan