



# ***ILC CFS AND GLOBAL SYSTEMS MEETING***

## ***CONVENTIONAL FACILITIES AND SITING GROUP***

### ***GENERAL STATUS UPDATE***

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## **OVERVIEW**

- ***General Regional Status***
- ***Consultant Activity***
- ***Preparation for Area System Technical Baseline Reviews***



## GENERAL REGIONAL STATUS

- **Asian Region**
  - **Efforts are Concentrated on Earthquake Recovery at KEK for Approximately 2-3 Months**
  - **Still Need to Verify Progress of KEK Consultant Efforts**
- **European Region**
  - **Opportunity for Collaborative Effort with CLIC for Aspects of IR Hall Design**
- **Americas Region**
  - **US Budget Resolution will impact Consultant Effort Through FY 2011**
    - **Completion of Parsons Contracts**
    - **Collaboration with CLIC for IR Platform Design**



## CONSULTANT STATUS

- *Asian Region - TBD*
- *European Region*
  - *Arup UK has Provided Four Proposals for Aspects of IR Hall Design for CLIC/ILC*
    - *Platform Design for Detector Movement*
    - *Rock Mass Behavior Model for IR Region*
    - *Passive Isolation Slab Design at BDS Tunnel Directly Adjacent to Detector*
    - *Review of General Design of IR Region*



## CONSULTANT STATUS cont.

- **American Region**
  - **Pending US Budget, Funds will be Provided for Detector Platform Design Study**
  - **Parsons Contracts**
    - **Three Contracts are Currently in Place**
    - **Bi-Weekly Webex Meetings are Held**
    - **Mechanical Design is Underway Initially Focusing on the Central Region**
    - **Electrical Design is Progressing as an Overall Design**
    - **Tunnel Configuration and Lining Study will Provide Lining Alternatives but Impact on Machine Installation will Necessarily be a Separate Study**



## **AS TECHNICAL BASELINE REVIEWS**

- ***CFS will Focus on Damping Ring Review***
- ***DR Drawings are Being Updated Based on Input Received at ALCPG11***
- ***Mechanical and Electrical Criteria are Fairly Complete***
- ***A Complete Information Package of Criteria and Drawings will be Developed for Review and Comment by AS Representative and PM's in May 2011***
- ***Iteration to be Completed Prior to July Meeting***
- ***CFS Fully Intends that Reviews will Sanction Already Reviewed and Approved CFS Criteria and Drawings***
- ***Once Approved – All CFS Information will be Entered Into EDMS as Baseline CFS TDR Criteria***
- ***This Format will be Used for all Subsequent AS Technical Baseline Reviews***