



International Committee

... and GDE



1. ICFA
2. Status and Outlook of GDE

Albrecht Wagner, Chair ICFA

- Early 2006: ILCSC set up a Machine Advisory Committee (MAC), chaired by Ferdinand Willeke (DESY)
- 1st MAC report April 06, 2nd in October 06
- [Reference Design Report](#) by February of 2007. Will include costs (to accuracy of 20%)

- -> Very impressive momentum has built up
- -> Cost is a central issue

The ILCSC sub-group on parameters was asked to

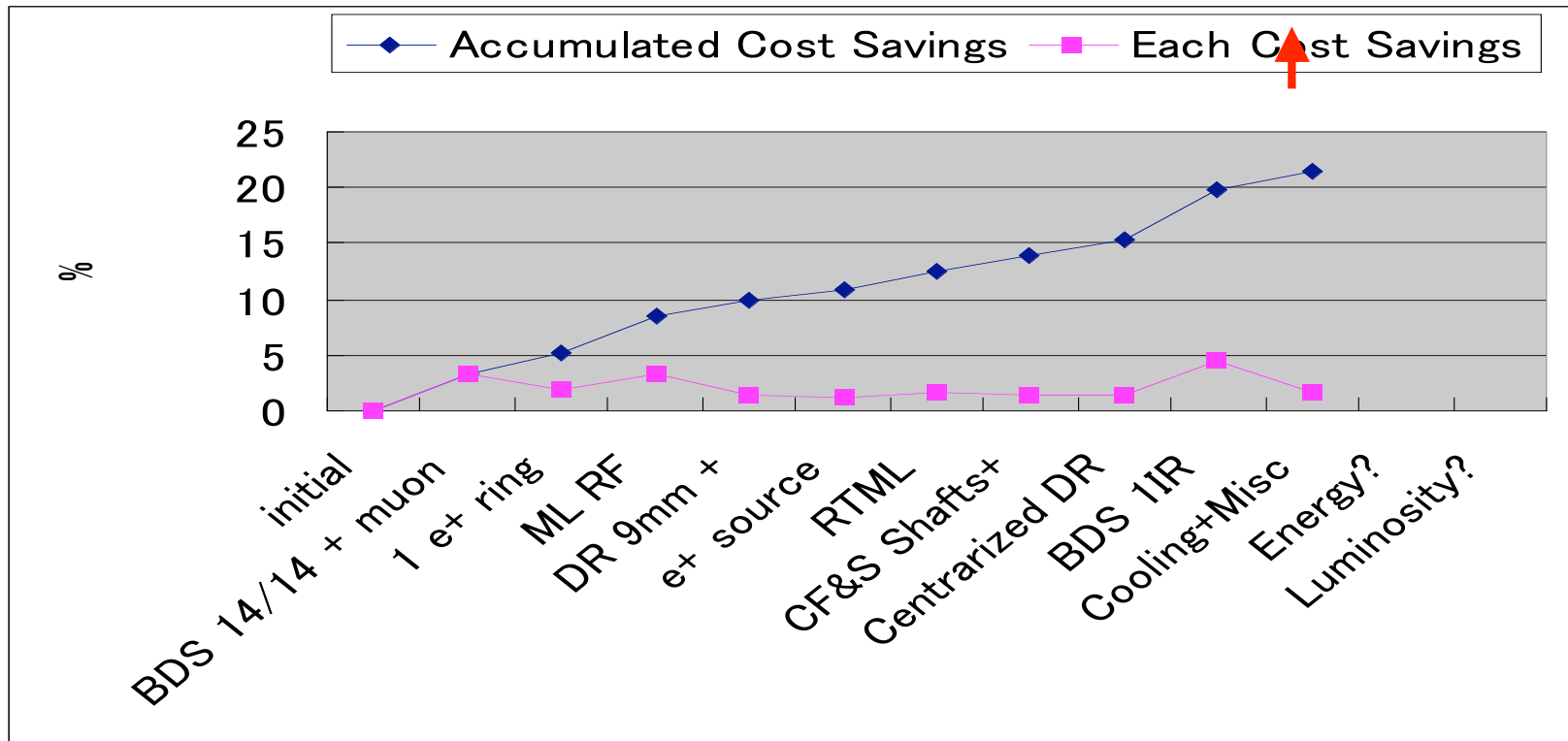
- Revisit the Baseline Machine performance and Energy Upgrade parameters
- Discuss all areas of the RDR design optimisation affecting the performance parameters
- Revisit the Options Beyond the Baseline Machine, and provide clear cost versus performance guidance as its effects the initial machine configuration

Members of the 'parameter group' : R.-D. Heuer (chair), S. Komamiya, D. Son, P.Grannis, M.Oreglia, F.Richard,

Clear message from Parameter Group:

- No irreversible de-scoping
- Keep an eye on energy up-grade

Efforts at Valencia identified another **4.91%!**



Plans until Beijing (Feb. '07)



B. Barish Valencia Conclusions

- Design decisions for RDR almost all in place
- We are approaching cost goals
- Writing of RDR and companion document getting underway.
- We expect to make our goal of releasing RDR and costs at Beijing
- Post Beijing planning is underway

- FALC = [Funding Agencies for a Linear Collider](#)
- Informal group of particle physics funding agencies from several countries
- Subgroup: FALC Resources Group (FALC-RG)
- Good coordination essential between FALC and ICFA
- Links between FALC, ICFA and ILCSC through their respective chairs

- FALC at its most recent meeting decided to extend its scope: [Funding Agencies for Large Collider](#)

- Resources
- How to organise/coordinate future work (GDE/experiments)
- Transition from GDE to ILC-organisation
- Site selection

Recent Strategy Recommendations

- **EPP2010**
 - Revealing the Hidden Nature of Space and Time:
Charting the Course for Elementary Particle Physics
-> leading to P5 recommendation
- **CERN Council Strategy Group**
 - Unanimous approval of European strategy

Both strongly support the full exploitation of LHC and give strong support to the International Linear Collider

- Japan
 - > ILC identified as highest priority for particle physics
- Europe: Strategy Forum on Research Infrastructure
 - > Road map contains ILC (implications for funding, e.g. SCRF test facility)
- American Physical Society Council
 - > Resolution

- GDE has made enormous progress
- **Reference** Design Report will be delivered in Beijing in February 07
- Key issue is cost/performance balance
- Similar efforts for detectors are also converging
- For accelerator and detectors increasingly coordinated programmes are moving forward

- WWS and ILCSC are advising and monitoring the process
- Funding agencies are following closely
- Broad support for ILC in the regional road maps