



... for a brighter future

# ILC activities & prospects

*H. Weerts, HEP*

Status report to Quarterly AAI meeting.  
January 17, 2007



U.S. Department  
of Energy

UChicago ►  
Argonne<sub>LLC</sub>

A U.S. Department of Energy laboratory  
managed by UChicago Argonne, LLC

# ILC Accel. R&D @ ANL

All initiated by Kwang-Je, long before I came.....

## Activities

Area	Leader of effort
SCRF- cavity processing( EP design) Cavity testing in future	M. Kelly, PHY
Control System	J.Carwardine, APS
Damping Ring: Design, Optics & Dynamics	L.Emery, APS
Positron Source Simulation	W.Gai, HEP

Contributions from different ALD's & Divisions, coordinated through AAI

# ILC funding

Funding for ILC R&D comes through HEP division ( why I stand here)

Funding history:	FY06	\$300K	---	all used
	FY07	\$1,731	---	plan if ILC total is \$45M

Initial allocation for FY07 was \$800K.

Under Continuing Resolution, even with 06 budget, DoE promises at least the \$800K (under strict CR06, it would be 300K).

We have received CR installments up to now assuming \$800K for the year

We have allocated funding to work packages accordingly... see next page

Potential problem: EP design has priority according to ART (Dugan), so if CR06 continues most of 800K should go there. Other areas in trouble, but all of ILC in trouble.

# ILC funding II

FY07

FY07

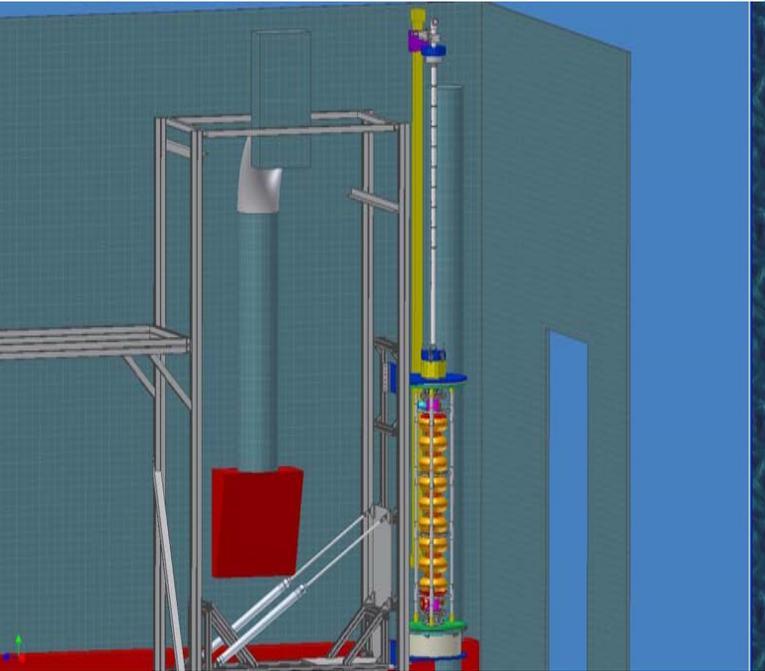
4.5 months

Area	45M ( k\$)	800K	285K
SCRF- cavity processing( EP design) Cavity testing in future	971	402	144
Control System	357	165	59
Damping Ring: Design, Optics & Dynamics	185	86	30
Positron Source	170	79	28
Program Direction	49	22	8



Allocated  
so far

Status



## EP Design

Critical responsibility for Argonne

Design is in progress-- resources

Final Design review: Feb 12, 2007 @ANL

Reviewers:

- A. Matheisen, DESY
- M. Ross, Fermilab
- T. Tajima, LANL
- J. Mammoser, JLAB
- L. Lilje, DESY
- K. Sato, KEK
- K. Shepard, ANL
- H. Padamsee, Cornell

Strong Committee

Goal: first process in July 2007