

ALCPG

VANCOUVER

July 20, 2006

PREPARATIONS FOR AN ILC SITE IN THE AMERICAS

A Report from
the

Linear Collider Steering Group of the Americas
LCSGA

- No better place to start than with the Conclusions and Action Items of the EPP2010 report:
 - √ "Particle physics plays an essential role in the broader enterprise of the physical sciences"
 - √ "accelerators will remain an essential component of the program"
 - √ "Initiate a comprehensive program of R&D for the ILC, and do what is necessary to mount a compelling bid to build the ILC on U.S. soil.
- In addition, the DOE has expressed interest in hosting the ILC near Fermilab

Accordingly, various members of the Community have undertaken to support such a bid:

1. **LCSGA** has created a "Regional Interest Technical Support Panel" to define those measures needed for technical support of a bid
2. **LCSGA Communications Committee** is focusing on this "hosting" campaign among its other engagements
3. **FNAL** community is working with the potential neighbors to inform them about the ILC and its importance and local benefits

Regional Interest Technical Support Panel

- Formed of delegates from Labs and Universities with ILC interest and capability - Satoshi Ozaki is Chair
- Charge: make a Regional Interest Technical Support Plan
- Guiding Principles for the Regional Interest Plan
 1. Plan for US activities to be a strong contribution to the GDE ILC R&D
 2. Natural outcomes of 1) would be to
 - Develop technical competency and strength to demonstrate that US can be host to ILC
 - Promote support of US industry to participate in the ILC project
 3. Carry out those site analyses not covered by GDE
 4. Scope above activities for funding agency info.

- Aiming for preliminary report next month
 - primary emphasis will be on support for basic technology development
 - - cavity construction and processing with high yield at good performance
 - later objectives will be full cryomodule production and test

LCSGA Communications Committee

(courtesy of Jon Bagger, Chair)

- Aim is to convince the powers that be that the ILC is needed AS WELL AS needed in the US

- ILC Communications
 - In each case, the goal is to develop a crisp, clear and compelling message
 - And enable it to be delivered to various audiences
 - ILC physics community, global HEP community, other physicists, other scientists
 - Industrial partners, the press, the public, educators and government officials

- **LCSGA Communications Committee**

- **Membership**

Jonathan Bagger, Chair (JHU)

Jim Brau (Oregon)

Neil Calder (SLAC)

Judy Jackson (FNAL)

Ritchie Patterson (Cornell)

William Trischuk (Toronto)

- ILC Communications Activities

- Basic communication tools

- Interactions (www.interactions.org)
- ILC web site (www.linearcollider.org)
- ILC Newslines
- ILC brochure

- *Discovering Quantum Universe*

- Web site
- Congressional distribution
- Congressional rollout
 - R&D Caucus with Brian Greene

- ILC Communications Activities

- Particle Physics Envoy Program

- Goal

- Create trained envoys who understand and represent the entire field, who will develop long-term relationships with policymakers in Washington

- Steering group

- Judy Jackson, Neil Calder, together with representatives from FNAL UEC, SLUO, ATLAS, CMS, LSCGA, DPF

- Timeline

- Early autumn

! HERE IS A PLACE FOR YOU TO WEIGH IN !

(note communications activities here in Vancouver)

FNAL Community Actions

(courtesy J. Jackson)

- Fermilab Community Task Force for community-based site criteria - conveyed to GDE
- ILC part of all FNAL presentations to civic groups
- Docents trained in ILC for informing tour groups
- County Economic Development Councils had meetings at FNAL to learn about ILC
- ILC stories in local newspapers
- In process of forming Community Advisory Board involving local residents to be involved in planning for ILC @FNAL
- To publish a new brochure highlighting ILC in FNAL future

Summary

- Various community members have joined in promoting the ILC with US as the host
- There are Technical, Political and Social dimensions
- Wide and enduring involvement of the HEP community will be required for success in this endeavor.
- If you have ideas and willingness to help let the LCSGA know (MT for the LCSGA, Judy Jackson for local actions at Fermilab)

OUR FUTURE DEPENDS UPON IT