

Some thoughts about international issues associated with the proposed Linear Collider and Fermilab.

Below is a summary of what I presented at the LC meeting on September 18, 2003.

Two options which may be considered:

- A. Make Fermilab an International organization that will include the Linear Collider.
- B. Make Fermilab the host laboratory for a new International organization for the Linear Collider.

- I. I do not believe that option A is practical because:
  - All major accelerators at Fermilab are proton machines, and are not needed for Linear Collider.
  - Proton facilities will be in operation and producing good science for at least 10 years.
  - More political and bureaucratic problems will need to be solved than would be the case for option B.
  
- II. Option B is more realistic and practical which may help the new International LC Organization very much, especially at the beginning. I assume the site of the construction for LC can be Fermilab or close to Fermilab, e.g. the DeKalb area. Fermilab can provide offices and support facilities for the new organization. Computing, tech and machine shops, procurement, library, etc., can all be shared resources between the LC organization and Fermilab. DOE should approve of that. Then when the LC project starts construction, Fermilab's help can decrease.

Conclusion: Fermilab could position itself as a host laboratory for the International Linear Collider Organization.

Remark: I can give more arguments in support of my opinion at any time.

I did not think much about political, organizational, managerial, etc. questions, which I think now are seriously under the consideration of a US national subcommittee.

I will be away from the Lab and email from September 20 through September 28.

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