Consortia versus WGs

- Consortia are wonderful for new involvement and coordination of funding and facilities
  - NSF insists on one; DOE consortia are optional
- But we are concerned about coherence
  - Ultimately the WG’s coordinate the efforts
  - We will have to see the consortia activities under the guidance of the WG leadership
  - With several consortia, we need pre-review of proposals … the Exec Ctte will establish a panel
    - … panel of the WG leaders
  - A SAGENAP style panel later on? NSF/DOE like it.
Review Process for NA Proposals

- The Executive Ctte (and funding agencies) want coherence and planning in the proposals

- A draft which was well discussed in DC looked like this:

  1. We would recommend that consortia proposals be structured so that each activity within the consortium, whether the objective of one institution, a few, or several, can be reviewed and judged on its own merits.

  2. We recommend that the Linear Collider Steering Committee establish a joint review committee to evaluate the proposals task by task in the context of the international program.
The Tweaked ALCPG WGs

- Calorimetry (Frey, Chakraborty, Turcot)
- Vertex Detector (Brau, Roe)
- Tracking (Schumm, Karlen, Riles)
- Muon Detector (Fisk, ???)
- Particle ID (R. Wilson, ???)

- IRs & Bkgnds (Markiewicz, Hertzbach)
- Beamline/IR Instrumentation – Woods, Torrence, Cinabro
- DAQ ................. Low profile?

- Detector & Phys Sim. (Graf, Peskin)
- Higgs Phys (Van Kooten, Carena, Haber)
- SUSY Phys (Nauenberg, Feng, Paige)
- New Phys at TeV & Beyond – Hewett, Tkacyzk, Strom
- Radiative Corrections (Loopverein) – Bauer, Dawson, Wackeroth
- Top Physics (Orr, Gerdes)
- QCD and 2-photon Physics – Put into Top Group
- Precision EW (G. Wilson, Marciano)
- Strong Gauge - Put into Alternatives WG
- $\gamma\gamma, e^+, e^-$ (Gronberg, Velasco) – Split off $e^- e^-$ into separate WG (Heusch)

- LHC/LC Committee – New committee organized by
  - Georg Weiglein, Int’l
  - Paige + experimenter§, N. America:
    - Barklow, Berger, De, Hadley, Hinchliffe,
    - Logan, Wagner, Wells, Zeppenfeld

- § send serious inquiries to ALCPG

Note: we are preserving parity with the European WGs

31 May 2002 Mark Oreglia, U. of Chicago
Charge to the WGs

- We are currently drafting a set of charges:
  - Physics WGs:
    - Assess importance, priority of LC options
      - Energy reach, energy spectrum
      - Luminosity, backgrounds
      - Polarization, Gamma-gamma, e-gamma options
      - LHC complementarity, … etc
  - Detector WGS:
    - bunch structure, machine backgrounds
    - Establish R&D priorities , …. etc
  - Reports, maintenance of web data, meetings
Information Resources

- The Exec Ctte sees a clear need to update the web resources
- Young-Kee and Dave Gerdes are working with Norman Graf .... Linearcollider.org
- Maintain standard analysis tools (time is right!)
- Maintain (write!!!) ALC Notes
  - Cross-linked to TESLA LC-Note system
Important Meetings

• June 27-29: NALC meeting at Santa Cruz
  – This is a very important meeting … formalization of the consortia

• July 25-31: ICHEP in Amsterdam
  – The ECFA-DESY WGs will present papers here

• August 26-30: LCWS 2002 at Jeju Island, Korea
  – This is the Intl LC conference