

NLC Collaboration Meeting
Winter 2001

Discussion and Plans
(Burke & Holmes)

Good progress since Fall 2000 meeting -

Some highlights ...

Structure gradient tests

Structure fab facility

ETF tunnel

New ideas -

Final focus

e^+ production

Beam-based alignment

Meetings with Physics/Detectors

→ NLC 2001 Config

... and a whole bunch more.

Long-Range Vision

Focus on ML R&D

Range of perspectives and concerns voiced.

Agreement on what we need to do to address these concerns ...

- (•) The ETF is needed to construct the NLC. Its scale and cost (with beam) are appropriate to support the construction of the collider.
- (•) Demonstration of an integrated X-Band power source, distribution system, and set of high gradient structures (at full spec) is needed to construct the ETF.
- (•) We all need to contribute to both of these tasks. We are still looking for new ideas and fertile directions to explore.

What's Next

(•) Lot's to do.

R&D goals for SNOWMASS
are on target ...

we'll need to keep
them on schedule

(•) Complete "schematics" of
our long-range vision.

Estimate needed resources
and time required to
do the job.

→ MAC Review in May

→ SNOWMASS / HEPA P

(Will need to work this
through in the coming weeks.)

→ (•) Preparation for SNOWMASS will
require time and effort.