

LSC MEETING

**STANFORD UNIVERSITY
JULY 19-21, 1999**

THE VIEW from NSF

V. COOK

- **NSF SCHEDULE for LIGO II**
- **Major Research Instrumentation**
- **INFORMATION ITEMS**
- **LSC DATA ANALYSIS WHITE PAPER**



NSF (proposed) SCHEDULE for LIGO II

- **9/99 CONCEPTUAL PLAN RECEIVED at NSF**
- **10/99 SPECIAL EMPHASIS PANEL REVIEW**
- **11/99 Brief National Science Board on LIGO II Plan**
- **2/00 Present LIGO II Plan (updated) to MRE Panel**
- **10/00 Full LIGO II PROPOSAL RECEIVED at NSF**
- **11/00 Brief National Science Board on LIGO II Proposal**

- **2/01 Present LIGO II Proposal to MRE Panel**
- **4/01 Present LIGO II Proposal to Director's Review Board**
- **7/01 Present LIGO II Proposal to NSB –
funding to begin October 2001**

Major Research Instrumentation (NSF 99-34)

FUNDING GOALS

- *Major state-of-the-art instrumentation for research/education at US institutions.*
- *Improve/increase use of modern research instrumentation for scientists, students.*

SCOPE

- *Maintenance/technical support associated with instrumentation also provided.*
- *Computer systems, clusters of workstations, networks, etc. are ENCOURAGED.*
- *Awards range from \$100,000 to \$2 million.*

COST SHARING

- *30% of total eligible project costs is required (minimum = \$43,000).*
- *Institution providing supplies, personnel associated with operation and maintenance may claim (up to 10% of total instrument cost) as **COST SHARING**.*

PROPOSAL STRUCTURE

- *Must be submitted on FASTLANE.*
- *Project Description maximum 15 pages, including all charts, figures, etc.*
- *Letter of cost-sharing commitment signed by institutional officer .*

SUBMISSION DEADLINE ~ *February 16, 2000*

AWARD ANNOUNCEMENT *Fall 2000*

INFORMATION ITEMS

- **Major Research Equipment (MRE) Account**

*~ \$300M/yr funded through the Director's Office –
not from Physics Division \Rightarrow no bureaucratic "skim"*

Physics Division will prioritize 11 MRE proposals next month

*LIGO II is the leading contender from Physics Division -
\$45M "placeholder" submitted last March.*

LHC/LIGO Computing Infrastructure is one of the 11 from Physics

- ***Information Technology for the 21st Century (IT2)***

***President's Information Technology Committee (PITAC) ⇒
Interagency Investment***

NSF Document reporting IT2 Program- now "embargoed"

***Rumor: Attempt to funnel some of the > \$300M/year into
research programs backfired***

***NSF designated "lead agency" if ALL NSF share goes into
CISE (Computer Science)***

- **PHYSICS DIVISION Gravity Program for FY2000**

**TARGET date for new proposals: OCTOBER 13, 1999
(submit between 9/13 – 10/13)**

Expected allocation: Flat to few percent increase.

DATA ANALYSIS WHITE PAPER

- **A GOOD START**
CHARTS LISTING TASKS AND ASSIGNING
RESPONSIBILITIES MOST USEFUL
- **STILL NEEDED**
MILESTONES, SCHEDULE, COST ESTIMATES
- **SOME QUESTIONS**
WHERE DO WE FIND THE FUNDS ?
HOW ARE LIGO LAB AND LSC NEEDS COUPLED ?
HOW ARE THEY INDEPENDENT ?



Note 1, Linda Turner, 08/17/99 07:42:42 PM
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