

Panel on Roadmap to the Future

Panel Members:

- **Jeffrey Appel** *Fermi National Laboratory*
- **Jonathan Kotcher** *U.S. National Science Foundation*
- **Kenneth Lande** *University of Pennsylvania*
- **Hitoshi Murayama** *UC-Berkeley/IPMU-University of Tokyo*
- **Howard Nicholson** *U.S. Department of Energy*
- **Alessandra Tonazzo** *APC-Paris 7 University*

Panel Moderator

- **Robert Lanou** *Brown University*

Workshop Organizers' Charge to the Panel

“At present time, the U.S. has a unique opportunity represented by the creation of an *inter-disciplinary DUSEL* and the consideration of an *intense neutrino beam at FNAL*.

Given the scientific priorities (see e.g., P5 2008 Report and S4 solicitation) and recent increase in worldwide interest how should the scientific community *proceed to execute the next generation detector(s) for neutrinos, nucleon decay, and supernova ν 's.*”

We would like to have a discussion of
scientific priorities and **organizational issues**
from 3 points of view:.

Theoretical

What is the next step in developing the science case following the P5 recommendations to make this the next US project in particle and nuclear physics ?

Programmatic

How do we strengthen international cooperation and foster further cooperation between US agencies: NSF and DOE (HEP and NP) ?

Feasibility

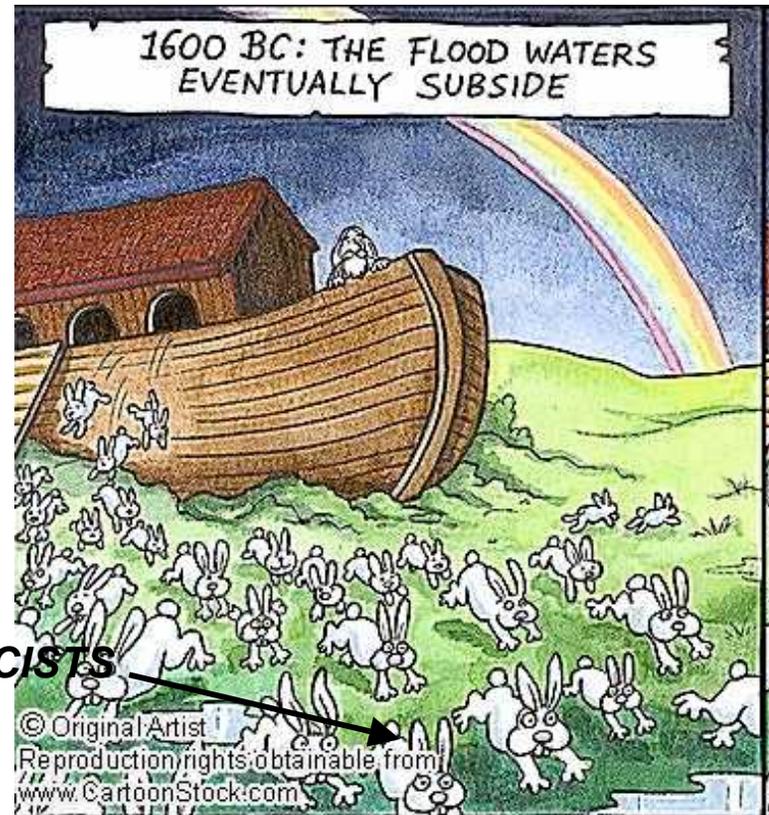
What steps are needed to strengthen confidence in the technical feasibility of detector technologies under consideration ?

What are the steps in designing and implementing the neutrino beam ?

[Session schedule: First, 5 min. each panelist. Then open questions/comments.]



**AND NOAH SAID:
I COMMAND ! GO FORTH AND FORM
A STRONG COLLABORATION !**



PHYSICISTS

**MANY THANKS TO PANEL FOR EXPELLING WATERS OF CONFUSION SO NOAH'S ARK
CAN NOW SAFELY ARRIVE AND EAGER PHYSICISTS CAN GET GOING.....**