

## **FCPA/PPD review of the Holometer Initiative at Fermilab**

The committee is charged with reviewing the proposal to the PAC for doing the Holometer project at Fermilab. Specifically, we would like the committee to evaluate:

- a) Is the science case strong and aligned with Fermilab and DOE OHEP goals?
- b) Does the project have a reasonable chance to reach its science goals?
- c) What resources (FTEs, M&S) will be needed for this project, and is there a high probability that these resources will be available from within Fermilab?
- d) What synergies or conflicts are there with the rest of the Fermilab program?
- e) What resources will be available from outside Fermilab?
- f) Are there significant technical, management, or schedule risks? What is the plan for mitigating those risks?

We ask that the committee provide a written report to FCPA and PPD within one week after the November 3 review.

### **Review Committee**

John Marriner, Fermilab

Albert Stebbins, Fermilab

Hartmut Grote, by phone from Germany

Jens Gundlach, University of Washington

Dan Bauer, Fermilab

## **Agenda for FCPA/PPD review of the QUIET II Initiative at Fermilab**

August 11, 2009

Darkside conference room (WH6NW)

- 9am Introduction and Charge (Dan Bauer)
- 9:15-9:30 Introduction to QUIET (Hogan Nguyen)
- 9:30-10:00 The Science of CMBR (Albert Stebbins)

[http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/QUIET\\_II\\_stebbins\\_FNAL20090810.pdf](http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/QUIET_II_stebbins_FNAL20090810.pdf)  
[http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/QUIET\\_II\\_stebbins\\_FNAL20090810.key.zip](http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/QUIET_II_stebbins_FNAL20090810.key.zip)

- 10:00-10:30 Intro to QUIET, QUIET Phase 1, and QUIET Phase II proposal (Hogan Nguyen)

<http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/FCPA-PPD-review-intro.ppt>

- 10:30-11:00 W-band assembly details (Hogan Nguyen)

<http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/FCPA-PPD-review-assembly.ppt>

- 11:00-11:30 Production Testing, Cryostat Details, and Closing Remarks (Fritz DeJongh)

Background material (talk given at DOE-NSF briefing)

<http://home.fnal.gov/~hogann/QUIET/PPD-FCPA-Review/FCPA-Briefing.ppt>