



Department of Energy  
Washington, DC 20585

MAY 1 2009

Dr. W. Boroski  
LQCD Contract Project Manager  
Fermi National Laboratory  
Mail Station: 127 (WH 7W)  
P.O. Box 500  
Batavia, IL 60510-0500

Dear Dr. Boroski:

The Department of Energy (DOE) Office of Nuclear Physics and the Office of High Energy Physics plan to conduct an Annual Progress Review of the Lattice Quantum Chromodynamics (LQCD) Computing initiative on June 4-5, 2009, at the Fermi National Accelerator Laboratory (FNAL). A review panel of experts in high energy physics, nuclear physics, project management and computer science is being convened for this task.

Each panel member will evaluate background material on the LQCD initiative and attend all the presentations at the June 4-5th review. The focus of the 2009 LQCD Annual Progress Review will be on understanding:

- The continued significance and relevance of the LQCD initiative, with an emphasis on its impact on the experimental programs supported by the Offices of High Energy and Nuclear Physics;
- The progress toward scientific and technical milestones as presented in the initiative's Information Technology Exhibit 300;
- The status of the technical design and proposed technical scope for FY 2009;
- The feasibility and completeness of the proposed budget and schedule; and
- The effectiveness with which LQCD has addressed the recommendations from last year's review.

Each panel member will be asked to review these aspects of the LQCD initiative and write an individual report on his/her findings. These reports will be due to DOE two weeks after completion of the review. John Kogut, the Federal Project



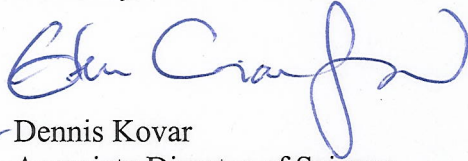
Manager, will accumulate the reports and compose a final summary report based on the information in the letters.

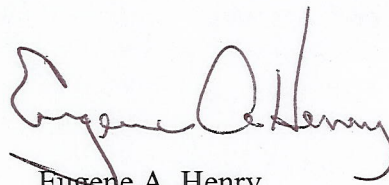
The first day of the review will consist of presentations and executive sessions. The second day will include an executive session and preliminary report writing; a brief close-out will occur in the early afternoon. Preliminary findings, comments, and recommendations will be presented at the close-out. You should work with John Kogut to make an agenda which can accommodate these goals.

Please designate a contact person at FNAL for the review panel members to contact regarding any logistics questions. Word processing, internet connection and secretarial assistance should be made available during the review. You should set up a web site for the review with relevant background information on LQCD, links to the various LQCD sites the collaboration has developed, and distribute relevant background and project materials to the panel at least two weeks prior to the review. Please coordinate these efforts with John Kogut so that the needs of the review panel are met.

We greatly appreciate your willingness to assist us in this review. We look forward to a very informative and stimulating review at FNAL.

Sincerely,

  
for Dennis Kovar  
Associate Director of Science  
for High Energy Physics

  
Eugene A. Henry  
Acting Associate Director of Science  
for Nuclear Physics