



Department of Energy
Office of Science
Washington, DC 20585

We would like to invite you to participate in a workshop "Large Scale Production Computing and Storage Requirements for Nuclear Physics," on May 26-27, 2011, in Bethesda, MD (Washington, DC area).

This workshop is organized by the Department of Energy's Offices of Nuclear Physics (NP) and Advanced Scientific Computing Research (ASCR). The workshop's goal is to characterize NP production computing requirements over the next 3 - 5 years at NERSC, the National Energy Research Scientific Computing Center. NERSC is the principal provider of production High Performance Computing (HPC) facilities and services for the Office of Science (SC). The mission of NERSC is to accelerate the pace of scientific discovery by providing computing, information, data, and communications services for research sponsored by SC. NERSC supports the largest and most diverse research community of any computing facility within DOE.

Requirements collected at the workshop will help NERSC plan for future systems and services, and will help ensure that NERSC continues to provide world-class support for scientific discovery. The tangible outcome of the workshop will be a report that includes both the HPC requirements and a supporting narrative.

NERSC has conducted five requirements-gathering workshops with the SC program offices successfully. The designated NP program manager, the NERSC program manager, and NERSC personnel have tailored the workshop format and process to meet NP/NERSC-specific needs.

The workshop is by invitation only. We will ask for a small number of case studies, which should address current bottlenecks and future requirements, to be presented. These presentations will help stimulate discussion and refine requirements.

Detailed information and reference materials are available at the workshop web site:
<http://www.nersc.gov/science/hpc-requirements/NP/>.

Please respond to the workshop organizing committee (NP-workshop-committee@nersc.gov), confirming your attendance **no later than March 22, 2011**.

We believe this workshop will help NERSC maintain its reputation as the flagship production computing facility for SC and provide world-class resources for basic energy science research over the next decade. Thank you again for your participation.

Dr. Timothy J. Hallman
Associate Director of Science for the
Office of Nuclear Physics

Dr. Daniel A. Hitchcock
Acting Associate Director of Science for the
Office of Advanced Scientific Computing
Research

