



U.S. DEPARTMENT OF
ENERGY

Office of
Science

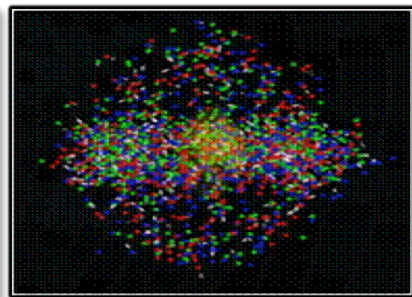
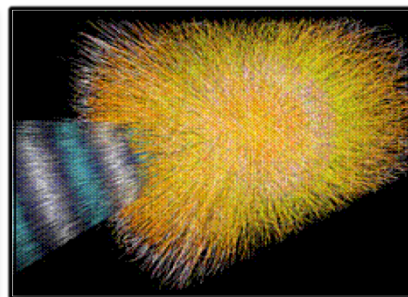
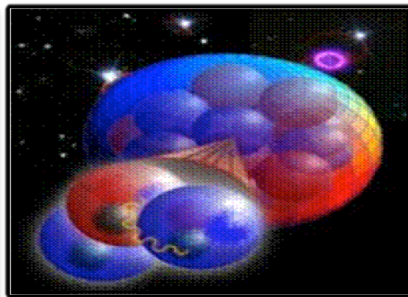
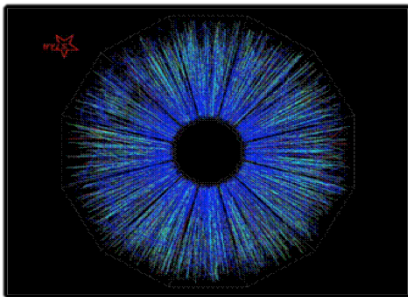
Comments from DOE-NP

T. Barnes

DOE Program Manager

Nuclear Data and Nuclear Theory Computing

NDNCA Meeting, LBL, 27-29 May 2015





Background

US Nuclear Data Program (USNDP) Review, BNL, 16-18 July 2014:

Among the questions considered was whether an experimental component was appropriate for the USNDP. The review panel reached a favorable conclusion. Their recommendations include (paraphrased)

- Develop mechanisms to assess community data needs (e.g. this meeting).
- Form an advisory body (NDAC) to consider future USNDP activities.
- Update the USNDP Mission Statement.
- Explore some specified initial experimental opportunities.



USNDP Mission Statement (updated):

The mission of the United States Nuclear Data Program (USNDP) is to provide current, accurate, authoritative data for workers in pure and applied areas of nuclear science and engineering. This is accomplished primarily through the compilation, evaluation, dissemination, and archiving of extensive nuclear datasets. The USNDP also addresses gaps in the data, through [targeted experimental studies](#) and the use of theoretical models.



Regarding the NDNCA Meeting, LBL, 27-29 May 2015:

We hope that this meeting will identify and clarify community needs for experimental work to address gaps in nuclear data, and provide information regarding existing facilities that can address these needs.

We anticipate that the White Paper will be instrumental in informing our plans regarding possible future ND experimental studies.
(Prospects depend on availability of funding.)

n.b. Some “prototypical” ND experimental work on isotopes (at ANL + BNL) and reactor antineutrinos (at ORNL) is already in progress / analysis.