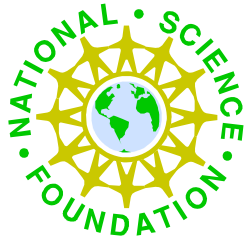


Nuclear Physics at NSF

- Research and Education
 - 200+ faculty
 - 80+ postdocs
 - 200+ graduate students
 - 150+ undergraduates
- University facilities
 - MSU NSCL
 - Tandem/LINAC laboratories
 - FSU
 - Notre Dame
- User group program: DOE/OS/NP is critical partner



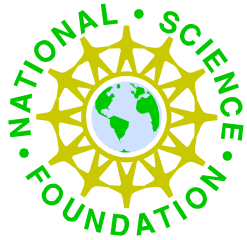
Highlights Overview

- production of ^{40}Mg at NSCL
- completion & fill, 50-day run at Borexino
- muon lifetime measurement at PSI
- BONUS detector for neutron structure at JLAB
- parity/binding systematics in few-body systems
- neutrino flavor oscillations and supernovae
- 10th CEU at DNP

March 17 2008

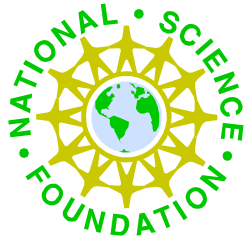
NSAC Meeting





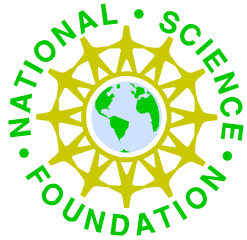
Nuclear Physics FY2008

- NSCL operations: flat (not +\$1M)
- Nuclear Theory and Experiment: down 5%
 - “class of 2005”
 - Out-year adjustments made to move some impact to FY2009 and FY2010



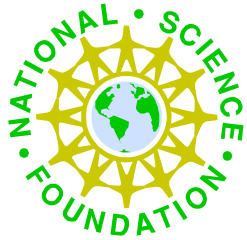
Nuclear Physics FY2009

- NSCL operations: try to restore trajectory toward optimal operations
- Nuclear Theory and Experiment: impact from FY2008, and/or move forward
- Move forward with DOE on partnered funding plan for neutron EDM



Special Programs

- Physics Division (target date passed):
 - DUSEL R&D
 - Physics at the Information Frontier
 - Frontiers Centers (review process)
- Cyber-Enabled Discovery and Innovation (deadline passed)
 - Some NP participation in proposals and panels
- Major Research Instrumentation (deadline passed)
 - Cost sharing 30%
 - Maximum request \$4M
- Domestic Nuclear Detection (April 11)



People

- **NSF Director: Arden Bement**
- **NSF Deputy Director: Kathie Olsen**
- **MPS Assistant Director: T. Chan**
- **Physics Division Director: Joe Dehmer**
- **Nuclear Physics:**
 - **BDK (expt and theory)**
 - **Ani Aprahamian (and astro, underground lab)**
 - **Through summer 2008**