

# Welcome

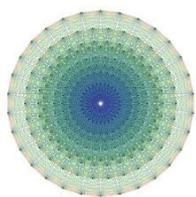
Welcome to this working meeting

- Sponsors are ORNL and LANL
- Sherry Lamb, Robert Varner, David Radford, Vince Cianciolo have much to do with getting you here

Organizing Committee

Vince Cianciolo, Vincenzo Cirigliano, David Dean, Steve Elliott, Brad Filippone, Geoff Greene, David Hertzog, Barry Holstein, Takeyasu Ito, Zheng-Tian Lu, Jeffrey Nico, Alan Poon, David Radford, Michael Ramsey-Musolf, John Wilkerson

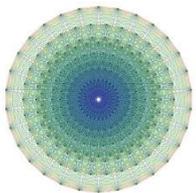
<http://www.phy.ornl.gov/funsym/>



**Fundamental Symmetries and Neutrinos  
Meeting, Chicago, August 10-11, 2012**

# Goals

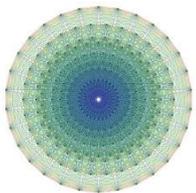
- Goals of meeting:
  - Information gathering and exchange among Tribble committee members and community
  - Preparation for Tribble committee
  - SHORT white paper summarizing goal(s) in this area



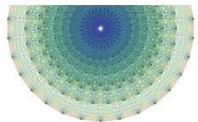
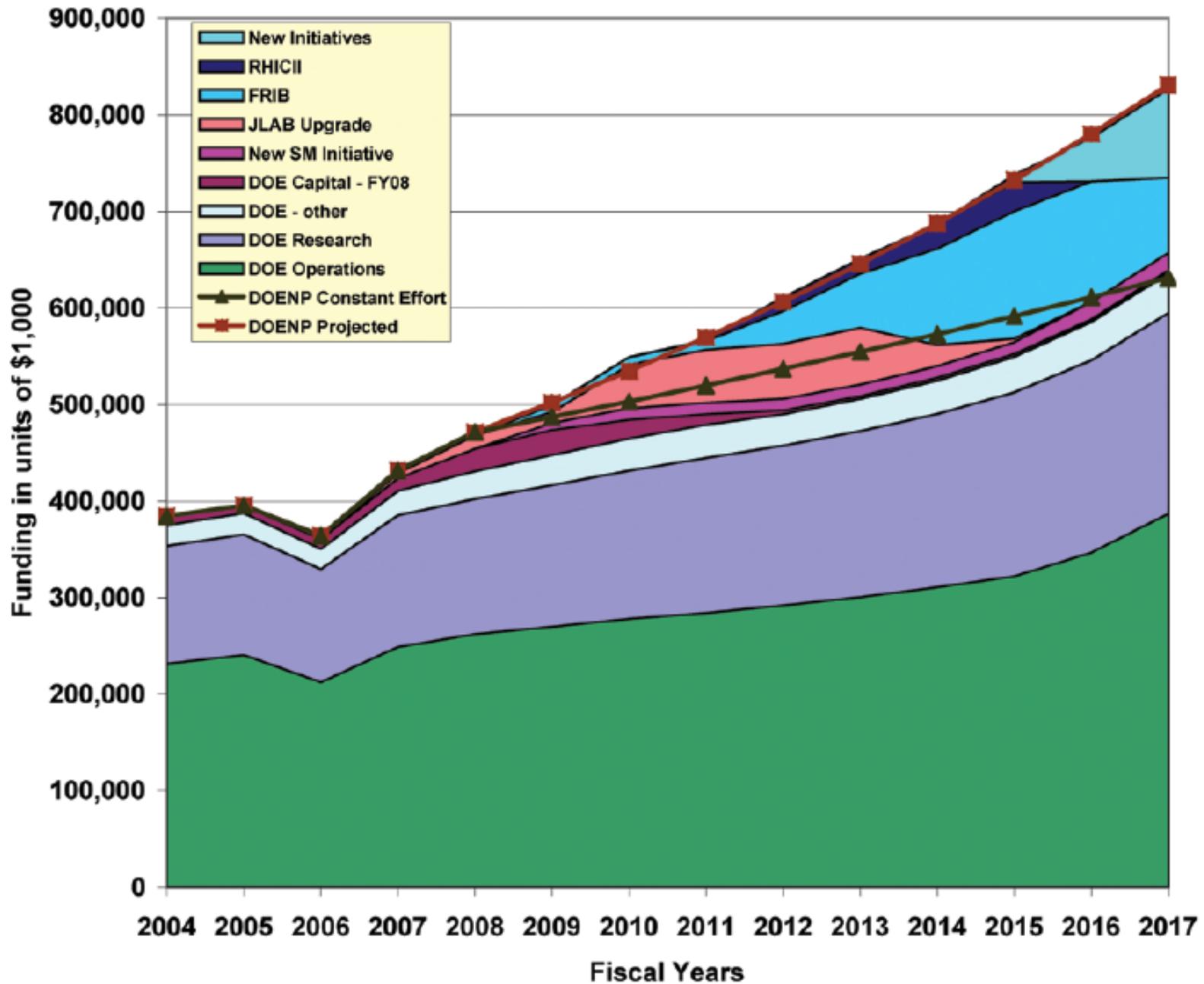
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## Why are we here?

- Budgets are not doubling: underlying assumptions have changed
- Budgets do not support all aspirations of the field in its current configuration

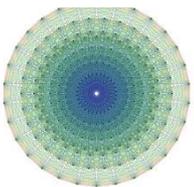
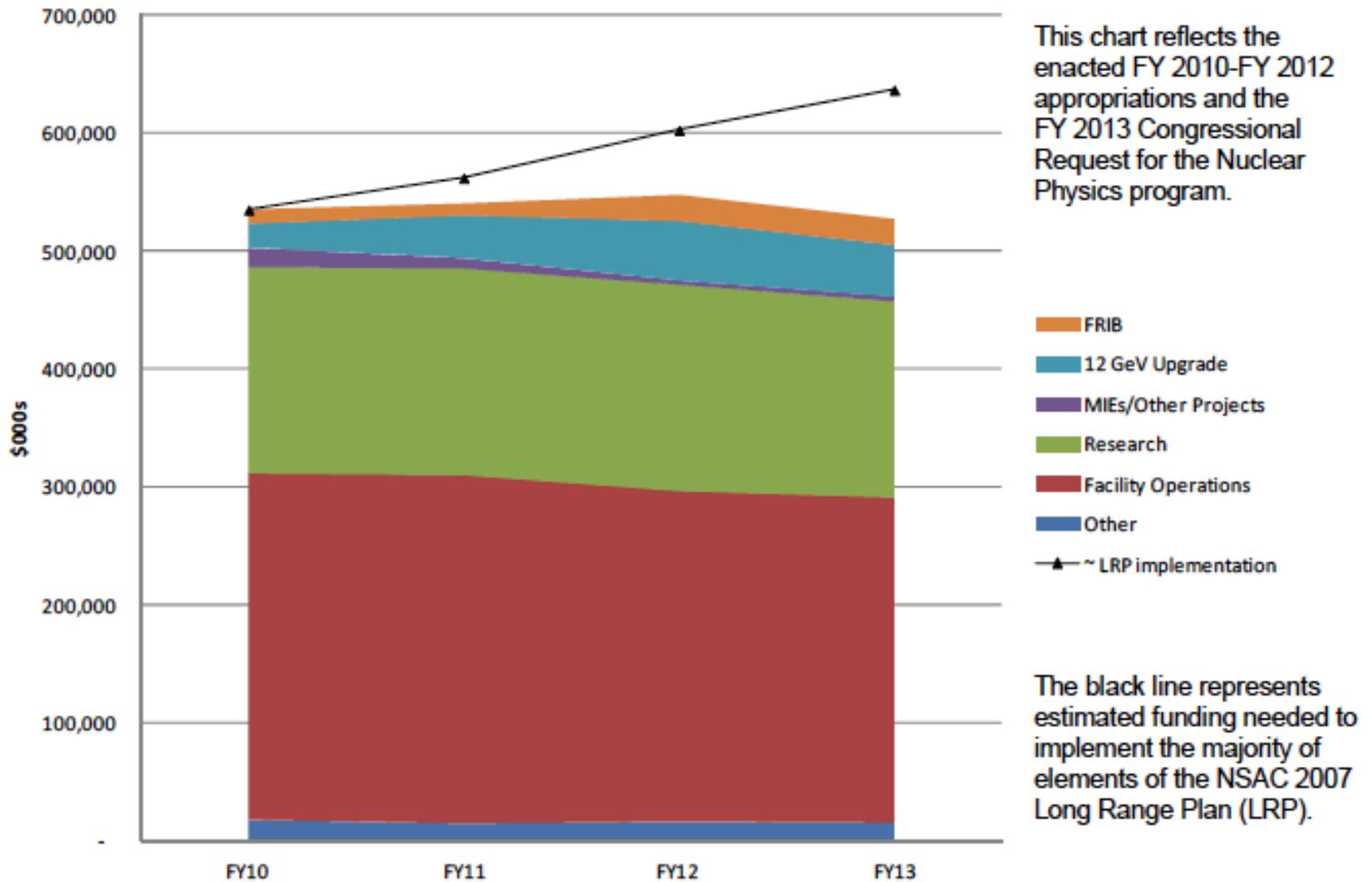


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# Office of Nuclear Physics FY 2013 Congressional Request



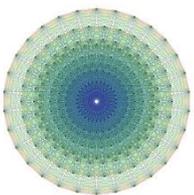
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# Why are we here?

Congress thinks we have a problem.

The Committee commends the Office of Science for identifying clear priorities and directing limited funding toward those priorities. However, the Committee is concerned by the Office of Science's lack of strategic guidance and prioritization among lower priority research activities, such as fusion energy science, nuclear physics, and high energy physics. The Committee is concerned that the scope of work, which includes research, operations of existing facilities, and new construction, has not changed while the budget for these programs is decreasing. **The Committee believes the Office of Science must evaluate the highest-priority needs for these programs in a fiscally constrained environment and make difficult decisions, including delaying construction projects and terminating research activities, to advance these fields of science in areas where the United States can lead and be competitive with other countries.**

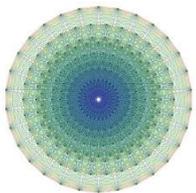
Senate Energy and Water Appropriations Report (FY13 budget).



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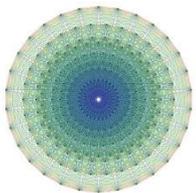
- There is no real strategy in place to get us from here to our 2007 LRP goals...
  - “It is clear that a constant-effort funding scenario falls far below the level needed to carry out the major projects recommended in this Plan.”
- NSAC has been asked to provide input to the process of figuring out how to move forward



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## How can we best help?

- Focus on the Science
  - Apply the same level of logical rigor as we do for peer-reviewed journals (expose assumptions & context; admit limitations; data, not anecdotes, should drive arguments)
  - Workforce arguments are typically weak ones...let the science drive the case
  - Well grounded constructive criticism adds to our credibility
  - Strong outsiders add to our credibility
  - NSAC is not a political body
  - We should be politically astute, but not partisan (science is purple)
- Focus on the future
  - What are the *recent* accomplishments and how do they position you to achieve your scientific goals?
- Focus on strategy not tactics (for this meeting)
  - Strategy is (nearly) immutable (Big Picture)
  - Tactics can change (e.g., this experimental technique doesn't work, try another)
  - Strategic intent should drive higher level discussions about the future of our field



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