

APS/Users' Operations Monthly Meeting

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Advanced Photon Source

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Agenda

I. APS Update (D. Mills)

Budget

Inter-agency Working Group (IWG)

Staffing changes

DOE Facilities Review

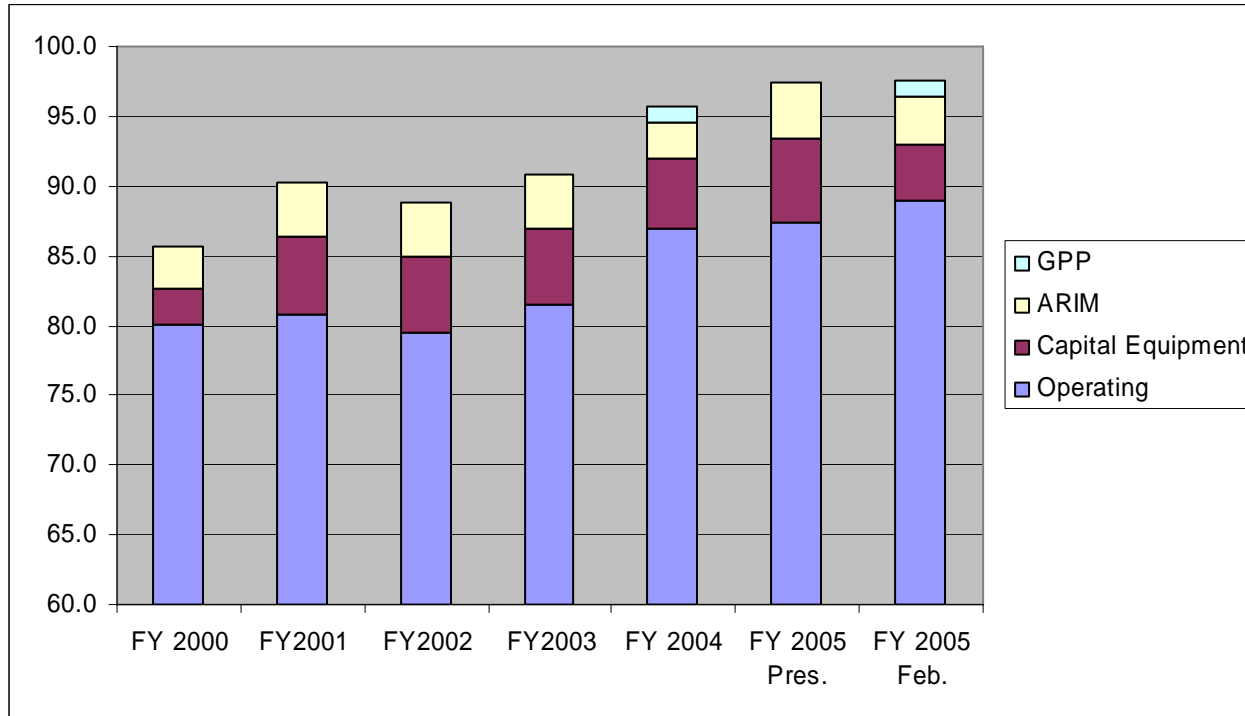
APS and XOR Strategic Plans

II. Cross-Cut Review - “Science Requiring the Pulsed Structure of the APS X-ray Beam” -- (Wolfgang Sturhahn)

III. Electrical Safety Update -- (John Carwardine)

IV. ANL Computing and Information Systems (CIS) Update -- (Remy Evard)

Budget



Expected February budget = \$97.4M = president's budget [expecting a little more (equip, ARIM)] – *increase of \$6.4 M from today*

FY'06 president's budget is anticipated to be flat

Inter-agency Working Group (IWG)

- **Murray met with other SR Directors January 7, 2005:**
 - Instrumentation needs; access models; new opportunities;
 - *Discussion relevant to EXISTING synchrotron sources*
 - All presentations by facility directors (DOE and NSF)
- **Heard compelling case for resource needs (staffing and instrumentation)**
 - Metrics on utilization strongly favored by OSTP/OMB
- **Partnership role emphasized and reflected back by agencies**
- ***Discussion arose concerning better coordination of biology sectors***
- **Overall very positive meeting bodes for a valuable report, helping a possible FY '07 initiative (clearly this is the aim of DOE-BES)**
- **OMB negative on budget situation for coming years, nevertheless strongest case for facilities needs is critically important**

Staffing Update

- **David Haugen has accepted our offer for the new position of SUF ESH/QA Coordinator.**
- **Qun Shen will take over as Group Leader for the X-ray Microscopy Group. Barry Lai was Acting Group Leader (*thanks!*) after Ian McNulty stepped down to focus on science (*thanks also for many years as a Group Leader!*).**
- **John Quintana has accepted our offer for the Associate Division Director position in AOD that was vacated when Roger Klaffky left for DOE/BES. John will start full time in that position April 2005.**
- **Denis Keene has been selected to be the new DND CAT Director (effective immediately).**

DOE Facilities Review of APS

May 23-25, 2005

- Topics:
 - Facility performance
 - Selected presentations of outstanding research
 - R&D Plans and future scientific directions
 - ANL plans that may affect APS
- Materials:
 - Identify 20 “best papers” in three years
 - List invited talks and awards in last three years, for all users
 - Capture all 2001-2004 papers, including refereed conference proceedings
- Review committee will meet with representatives of the operation beamlines and representatives of the user community (APSUO Steering Comm.)

APS Scientific Strategic Plan

- Covers 5-10 year time frame and is based on “Future Scientific Directions for the APS” study and workshops
- Draft to be discussed with Scientific Advisory Committee (next week)
- Addresses priorities for new and improved beamlines
 - Dedicated experimental beamlines supported
 - Simultaneous characterization with high spatial and temporal resolution
 - In-situ experiments in real environments
- Fleshes out Phases I and II of 20-year plan
- Your input encouraged

APS Scientific Strategic Plan (continued)

- **What's next?**
 - Refine plan and seek SAC endorsement
 - APS liaisons identified for each piece of new instrumentation who will develop technical plans interacting with the outside community
 - Stimulate compelling proposals to APS and appropriate funding agencies, using partnership model
 - Encourage letters of intent
 - Rationalize existing XOR sector resources to provide further dedicated beamlines
 - Engage CATs in evolving dedicated capabilities

XOR Strategic Plan

- Must support the new directions of the APS Strategic Plan
- The XOR Strategic Plan proposes specific changes to existing XOR beamlines that addresses need for more “dedicated” facilities
 - single experiments
 - multiple experiments
 - complementary techniques
 - dividing time (optimize special operating modes of SR)
- We believe the plan improves the quality of existing beamlines and creates new capabilities. *(The devil is in the details...)*
- Will be presented to SAC next week (along with APS Plan)
- The plan **has not** been posted on the web, but see the XOR Group Leaders or Gabrielle Long if you would like a copy.