

APS/User Operations Monthly Meeting

September 29, 2004

Murray Gibson, Introduction

Agenda

- 2:45 p.m. Introduction - Murray Gibson
- 3:00 p.m. Announcement of GU Program Committee - Mark Rivers
- 3:05 p.m. BSL3 Facility Update – Bruce Glagola
- 3:15 p.m. Cross-Cut Reviews - Dennis Mills
- 3:30 p.m. SAXS Working Group – Jan Ilavsky
- 3:45 p.m. Adjourn

Laser Safety

- An incident occurred on 9/17 in which an APS employee was injured when aligning a Class 4 laser
- This morning details were discussed at a laser safety meeting to which all laser users were invited (viewgraphs will be on the web)
- Class 3-4 laser operations at APS remain shut down
- Restart in next week with individual review
- **Special attention** to robustness of external user-accessible facilities

Future Scientific Directions for APS



Next Steps in Strategic Planning

- APS management will prepare a draft 5-year strategic plan for discussion at the January '05 SAC meeting
 - Will seek comments from APS Users and the APS Partner User Organization
- After SAC input, the strategic plan will be publicly released in early 2005
- Output of workshops will be published in reports in the next ~ six months

We have all the ingredients..

What the plan doesn't do

- Close the door to other new ideas
- APS does not have the resources to make all this happen
 - We will use our resources as best we can in the context of the plan
 - e.g., beamline personnel, IDs, XOR equipment, accelerator development
 - We will use this plan to make the case for additional resources
 - We will seek partnering with outside institutions

The process to build new beamlines at the APS

- Proposal driven
- SAC advises APS management on approval
 - Letter Of Intent (LOI)
 - Scientific Proposal
 - Conceptual Design
 - Management Plan
 - Funds
- Strategic planning is also intended to stimulate development of LOIs from external partners...

Budget and resources

- FY 2005 will be a challenging year (flat budget)
- However, Interagency Working Group on synchrotrons, and BES, making concerted progress on “Utilization Factor” approach to emphasize needs for beamline construction and operation – OMB/OSTP are very supportive -> influence '06 or '07 budgets (APS budget from ~\$96M to \$130M)

trepidation and hope...

Transverse RF kick for 1 ps pulse generation at APS

- A very exciting method discussed at workshop on time-domain science to create ~ 1 ps pulses at APS
- A feasibility study, under the auspices of the Operations Directorate, is going on now, with Denny Mills as Chair
- Menu of feasible options will lead to good decision making based on science needs

Other Announcements

- DOE BES review May 23-25, 2005
- Budget and project planning for APS in '05 going on this week and next

APS T-Shirt Award

- Goes to Heidi Homerding (APS User Accounts Administrator) from Ronnie O'Connor (HP-CAT). Heidi provided invaluable support to HP-CAT in negotiating financial arrangements with outside institutions...