

# **APS/Users Operations Meeting**

J. Murray Gibson February 17, 2010



## Agenda

- 2:30 p.m. Refreshments
- 2:45 p.m. APS Update Murray Gibson
- 3:05 p.m. Current Status of Plans for the 2010 User Meeting and Workshops – Dave Tiede
- 3:25 p.m. Scanning Probe Diffraction Microscopy at the CNM/APS Hard X-ray Nanoprobe Beamline – Martin Holt
- 3:45 p.m. Adjourn

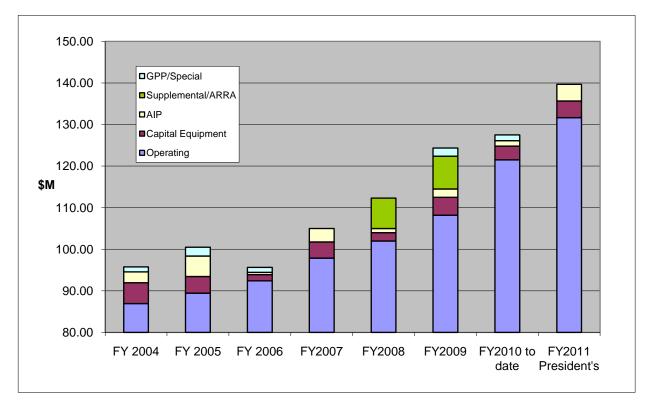


### **ANL ISM Day**

- Planned for March 11<sup>th</sup> (and 12<sup>th</sup>)
- A periodic event at ANL to emphasize ISM, clean-up and work-planning and control
- Several recent incidents on work-planning and control have created concern
  - e.g. cutting of wires, miswired pump,...
- Format will involve APS-wide presentations in the morning, and then grouporiented discussions of key questions
  - Development of divisional safety improvement plans
  - Eric Isaacs to accentuate the difference between intellectual and actual risk...
- Afternoon will be clean-up (amnesty from WMO)
- We may do this on March 12th



## **Budget**



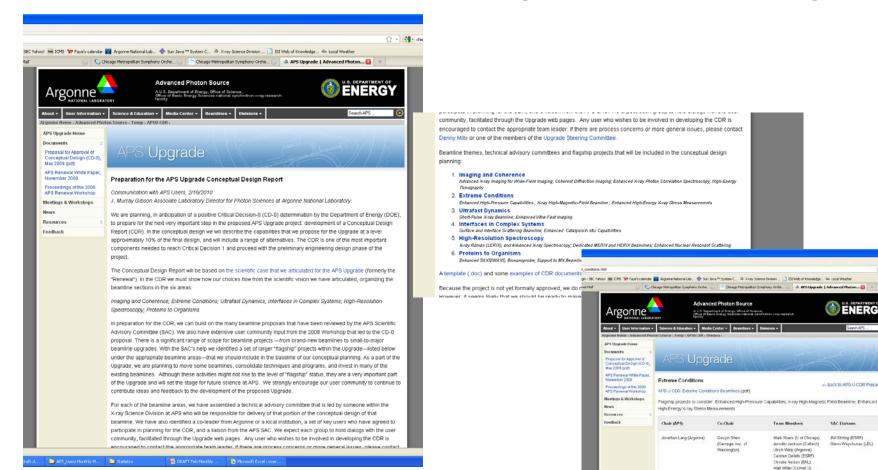
We have \$127.5M this year-to-date, expecting perhaps \$3M extra for APS-U CDR planning leveraging with ~\$1.7M support from ANL +\$10.1M in PB next year associated with R&D for APS improvements (total \$139.6M) Planning with DD's for strategic hiring ~15FTE's in next few months Plan for ~\$6M equipment/AIP this year

### Upgrade planning

- On path to CD-0 in next few months
  - Harriet Kung presentation of FY12 budget and BES strategy to Bill Brinkman went very well -> APS-U was proposed for establishment of a formal project
    - Briefing book materials were effective, and passed over to Bill
  - Next step is a technical presentation to Bill on March 11th (JMG with Eric Isaacs and Geoff Pile)
  - Mission Need Statement is ready to go if all goes well March 11<sup>th</sup>
- Meanwhile, we need to prepare for the Conceptual Design Report
  - Internal planning well advanced (Geoff Pile)
  - CDR will represent ~10% design, and include alternatives to scope and cost
    - Driven by the scientific vision from our CD-0 proposal and mission need statement
  - External web-pages and invitation to participate to users is ready to go in the next few days



## User input to Conceptual Design Report planning



Draft pages – plan for release next week



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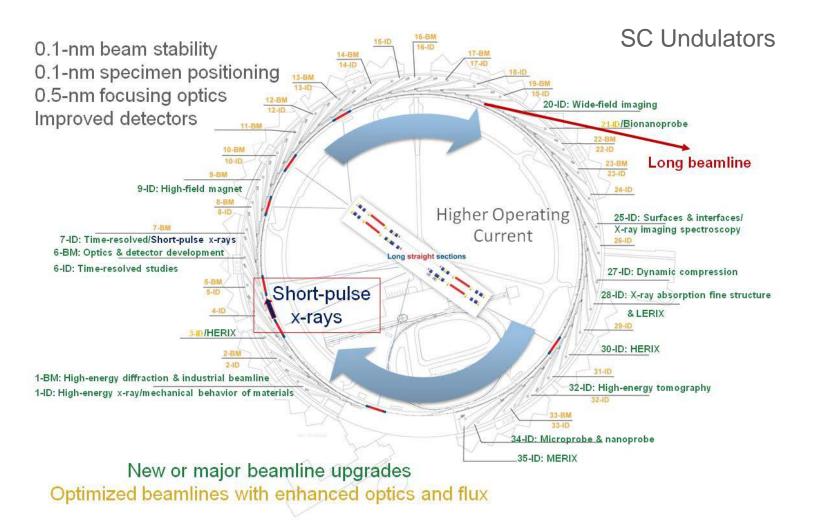
← back to APS-U CDR Preparation

Bill Striles (ESRF)

DISQUE COMMENTS

veda Saderheim (Arganno

### Roadmap for beamline configuration



Will be optimized in parallel with CDR development



### Tentative milestones for critical decisions

Milestone Event	Fiscal Year
CD-0 Approval	FY 1
CD-1 Approval	FY 3
CD-2/3a Approval	FY 4
CD-3 Approval	FY 5
CD-4 Approval	FY 8

#### FY1 is FY2010

This schedule allows more time for CD1 than our previous schedule (which had CD1 mid FY-2), but it is still fluid



### SAC met in January and discussed upgrade planning

**Stirling, William**, Chair – European Synchrotron Radiation Facility

**Bucksbaum, Philip** – Stanford University

**Corlett, John** – Lawrence Berkeley National Laboratory

Einspahr, Howard – Retired

**Hedman, Britt** – Stanford Synchrotron Radiation Laboratory

Johnson, Louise – University of Oxford

Kirz, Janos – Lawrence Berkeley National Laboratory

Klein, Miles – University of Illinois at Urbana-Champaign

**Leach, Roger** – E.I. DuPont de Nemours & Company

Lee, Ka Yee – The University of Chicago

**Neumann, Dan** – National Institute of Standards and Technology

Van der Veen, J. Friso – Paul Scherrer Institut

Wakatsuki, Soichi – Photon Factory (KEK)

Waychunas, Glenn – Lawrence Berkeley National Laboratory

Fuoss, Paul – Argonne National Laboratory (APSUO, Chair)

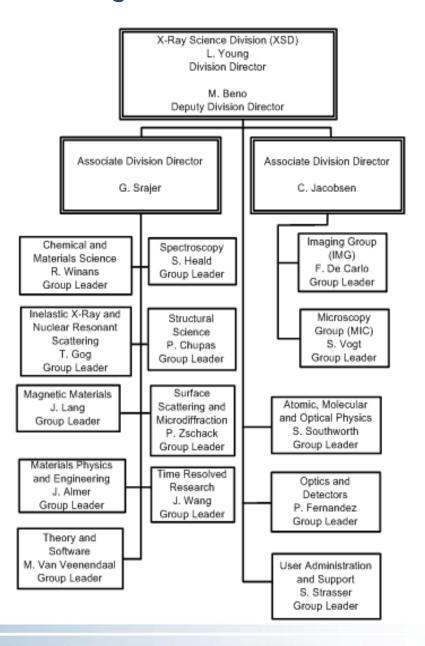
Irving, Tom - IIT, BIO-CAT (PUC, Chair)

#### Other SAC issues

-twice yearly meetings
-cross-cut review
(October) on
surface/interface science



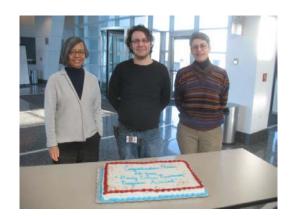
### XOR is no more - long live XSD





### Recent awards

Nino Miceli (XSD) gets DOE Early Career Award



Denny Mills elected a Fellow of the American Physical Society



 Rick Fenner and Nancy Lazarz (CARS) win 2009 Chicago Chapter of the Society for Technical Communications (STC) awards





### Pacesetter: Andrew Johnson (AES)



Organized and contributed to the success of EPICS codeathons that have resulted in continuing timely development and extension of the EPICS control system by an international team of developers.



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