APS/Users Monthly Meeting

9/11/2003
Murray Gibson
Introduction

Agenda

- 2:30 p.m. Refreshments
- 2:45 p.m. Introduction Murray Gibson
- 3:05 p.m. General User Program,
 Partner User Proposals Dennis Mills
- 3:25 p.m. APS Operations Division Update – Bill Ruzicka
- 3:45 p.m. Adjourn

Outline

- Schedule of SRP reviews
- Overview of UC Review
- Update on 23-ID front end
- IXS Collaborative Development Team MOU (Sector 30)
- Budget remarks
- Update on metrics

Sector Review Panel Schedule

SRP Reviews for 2002

DND-CAT — November 20 MU-CAT — November 21 CMC-CAT – November 19

SRP Reviews for 2003

SER-CAT – June 2

BioCARS-CAT – June 3

IMCA-CAT – June 4

SBC-CAT – June 5

MR-CAT – September 10

PNC-CAT – September 11

IMM-CAT – November 12

ChemMatCARS-CAT – November 13

SRP Reviews Planned for 2004

Bio-CAT

SGX-CAT

XOR 1

XOR 2

XOR 3

XOR 4

UNI-CAT

MHATT-CAT

MR CAT Sector Review Panel

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Overview of UC Review



The University of Chicago Review Committee for the ADVANCED PHOTON SOURCE at Argonne National Laboratory Sept. 17-19, 2003

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THE UNIVERSITY OF CHICAGO

Review Committee Meeting for the Advanced Photon Source at Argonne National Laboratory September (17) 18-19, 2003

Agenda

Wednesday, September 17 - (Executive Session)
Argonne Guest House (Building 460) Conference Room A

5:30 p.m.	Reception
5:45 p.m.	Welcome and Introductions
6:00 p.m.	Dinner
7:00 p.m.	DOE-UC Contract Briefing for Performance Criteria
7:10 p.m.	"Charge to the Committee"
7:20 p.m.	Welcome from Director of Argonne National Laboratory Hermann Grunder
7:30 p.m.	Advanced Photon Source Overview & Update
8:30 p.m.	Executive Session (Review Committee Members and UofC)
9:30 p.m.	Adjourn for evening.



THE UNIVERSITY OF CHICAGO

Review Committee Meeting for the Advanced Photon Source at Argonne National Laboratory September (17) 18-19, 2003

Thursday, September 18,

Argonne Guest House (AGH, Building 460)

7:00 a.m. Buffet Breakfast for Review Committee Members, Conf. Room B

7:45 a.m. Transportation to Building 402 (meet in lobby of AGH)

Building 402 Auditorium

8:00 a.m.	Welcome	Murray Gibson
8:10 a.m.	Scientific Highlight from Physical Sciences: Inelastic Scattering	. John Hill, Brookhaven Nat. Lab.
8:40 a.m.	Scientific Highlight from Accelerator Research: High Brightness Gun Development	John Lewellen
9:10 a.m.	Scientific Highlight from Biological Research	Lee Makowski
9:40 a.m.	Discussion	
10:00 a.m.	Break	
10:15 a.m.	Insertion Device Research and Development	Liz Moog
10:45 a.m.	Stability and Machine Performance Improvements	Louis Emery
11:15 a.m.	Accelerator Reliability and Enhancement	Rod Gerig
11:45 a.m.	Discussion	
12:00 noon	Executive Session and Lunch, 5th Floor Gallery	
1:00 p.m.	The General User Program	Dennis Mills
1:30 p.m.	User Operations	Bill Ruzicka
2:00 p.m.	Safety	Richard Hislop
2:30 p.m.	Discussion	
2:45 p.m.	Break	



THE UNIVERSITY OF CHICAGO
Review Committee Meeting for the
Advanced Photon Source at Argonne National Laboratory
September (17) 18-19, 2003

Thursday, September 18 (cont'd.)
Building 402 Auditorium

3:00 p.m.	X-Ray Operations and Research Efim Gluskin		
3:30 p.m.	Time Resolved Program and Basic Energy Science Sector DevelopmentJin Wang		
4:00 p.m.	Nanosciences at APS and ANL Eric Isaacs		
4:30 p.m.	Accelerator Research at Argonne and Beyond		
5:00 p.m.	The Linac Coherent Light Source (LCLS)		
5:30 p.m.	Discussion		
5:45 p.m.	Poster Session - 402 Gallery		
6:45 p.m.	Transportation to Freund Lodge		
7:00 p.m.	UofC Hosted Dinner (by invitation only to principals only)		
Friday, September 19 Argonne Guest House (AGH, Building 460) 7:30 a.m. Buffet Breakfast Conference Room B			
7:55 a.m.	Meet with Junior Staff, Conference Room A		
8:15 a.m.	Transportation to Building 402		
Building 402, Conference Room A-5000			
8:30 a.m.	The Next 20 Years at APS		
9:00 a.m.	Executive Session: Round Table Discussions with Paul Zschack, Former APS Users' Organization Chair, Jim Viccaro, Partner User Council Chair; Mike Rowe, Scientific Advisory Committee Chair (Chairpersons are prepared to make 10-min. presentations to Review Committee). Murray Gibson and APS Division Directors also in attendance.		
10:00 a.m.	Break for Discussions		
10:15 a.m.	Executive Session - Report Writing, Conference Room A-5000.		
1:00 p.m.	Lunch and Preliminary Closeout Session with APS director and ANL Directorate		
1:30 p. m.	Additional report writing or adjourn.		

23-ID Shutter Update

- A design review committee was organized with the following membership:
 - S. Sharma (Chair)
 - P.K. Job, H. Moe (Radiation Scientists)
 - G. Goeppner, H. Friedsam (ASD)
 - S. Davey, R. Klaffky, M. Ramanathan (AOD)
 - M. Beno, W. Sturhahn (XFD)
 - R. Fischetti, M. Capel (CATS)
- A design review for the radiation safety of the 23ID front end was held on August 21, 2003. The review committee determined that the modified design does not yet fully conform to the APS previous design practices for radiations shielding. The Committee recommended shutter designs to include labyrinths in both the horizontal and vertical planes.
- XFD is already working on additional design modifications of the canted-undulators front end components. These will be reviewed and approved by a committee that includes the APS radiation scientist before the front ends are commissioned.

Beamline and Front End Critical Components Manager

- Important to develop rigorous procedures and collect complete and updated documentation for all critical components
- Report from Noonan Committee (following 2-BM shutter incident):
 - APS assume responsibility for maintenance and repair of all beamline critical components
 - APS should develop workflow procedures for maintenance
 - APS documentation should be archived in DCC
- "Machine Manager" appointed for beamline and front end critical components
 - Oversees committees and new procedures
 - Mohan Ramanathan accepts role

Budget Remarks

- Senate E&W Bill not passed
- Conference required
 - House adds \$8M for BES facilities
- Likely continuing resolution for a month
- FY '05 planning for facilities initiative ongoing at DOE/OMB

Metrics for Facility Utilization

- User groups pressed by OMB
- Focus on a simple number to express percentage of "capacity"
- Facility committee discussing (Denny Mills and Roger Klaffky from APS)
- Proposal being developed, along lines of (# beamlines * operating staff)/(MAX # beamlines * operating staff)

MOU with IXS CDT

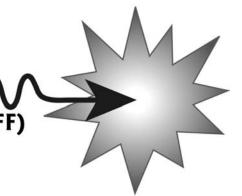
- Inelastic X-Ray Scattering
- Collaborative Development Team
 - To build and commission Sector 30
 - CDT Director John Hill
- APS to operate Sector 30 through XOR
- MOU signing Monday Sept 15th, 4 p.m.

Workshop for Users of the Proposed

Argonne Linear Free-Electron Laser Facility (ALFF)

October 30-31, 2003

Argonne National Laboratory, Argonne, Illinois U.S.A.



Last Day To ...

October 3:

- Submit an abstract

October 10:

- Register for Workshop
- Submit Citizenship Information Form for Non-U.S. Citizens
- Reserve a room at the Argonne Guest House

Questions?

Questions about the Workshop should be directed to:

ALFFworkshop@aps.anl.gov

Last updated: August 25, 2003

Security Notice and Disclaimer

Workshop Announcement (pdf file)

Program (pdf file)

Registration Form (pdf file)

Dinner Menu (pdf file)

Non-U.S. Citizen Information Form (pdf file)

Abstract Submission Information

Lodging Information

Ground Transportation

Access to Argonne

Some Chicago Links

Argonne National Laboratory

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