

APS Monthly Operations Meeting June 29, 2011

APS Update -- *Brian Stephenson*

Roadmap for the APS Upgrade – *Derrick Mancini*

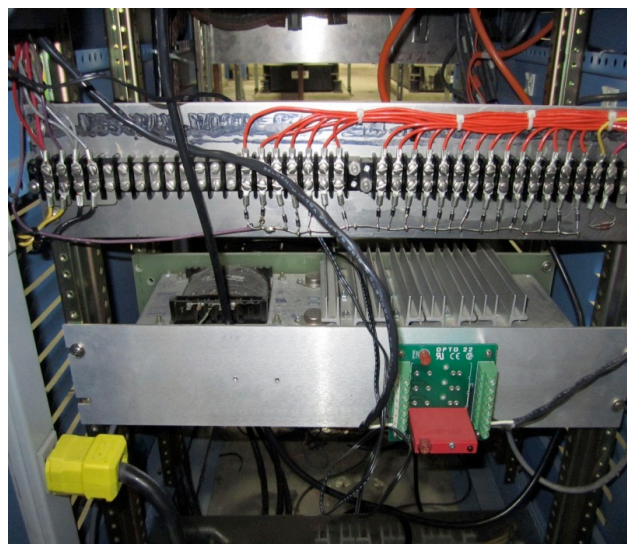
Update on the New Advanced Protein Crystallization
Facility – *Andrzej Joachimiak*

APS Update

- Recent Safety Incident
- News
 - NX School
 - User Awards
 - Argonne Awards
 - FY11 and FY12 Budget
 - Upcoming DOE and U of C Reviews of APS



Shock Incident at APS in May



- APS employee replacing network switches received a mild shock
- This cabinet had exposed 120VAC, but this hazard was not recognized during work planning
- **Lesson: Everyone should be aware of the "safety envelopes" for their activities, remain vigilant for unexpected conditions, and suspend and re-plan work if actual conditions don't correspond to safety planning**



National School on Neutron and X-ray Scattering

Jonathan Lang and Suzanne G.E. te Velthuis, Argonne

Bryan Chakoumakos and John Budai, Oak Ridge

Program Week 2 Advanced Photon Source (APS) Building 401 Auditorium

Time/Date	Monday June 20	Tuesday June 21	Wednesday June 22	Thursday June 23	Friday June 24	Saturday June 25
9:00 - 10:00 am	Lecture 17 X-ray Generation/ Instrumentation D. M. Mills Argonne National Laboratory	Lecture 19 X-ray Absorption Fine Structure (XAFS) B. Bunker Notre Dame University	Lecture 22 X-ray Imaging C. J. Jacobsen Northwestern University	Lecture 25 Surface Scattering P. Miceli Univ. of Missouri	Lecture 28 High-pressure Techniques Dr. M. Guthrie, Carnegie Institution of Washington	9:30 am - 12:30 pm Student Presentations 12:30 pm Student Closing Picnic
10:00 - 10:15 am	Break	Break	Break	Break	Break	
10:15 - 11:15 am	Lecture 17 (Continued) X-ray Generation/ Instrumentation	Lecture 19 (Continued) X-ray Absorption Fine Structure (XAFS)	Lecture 22 (Continued) X-ray Imaging	Lecture 25 (Continued) Surface Scattering	Lecture 29 Real/Reciprocal Space Complimentarity Amanda Petford-Long Argonne National Laboratory	
11:15 - 11:30 am	Break	Break	Break	Break	Break	1:30 pm School Participants Depart for Home
11:30 - 12:30 pm	Lecture 18 X-ray Detection P. Denes Lawrence Berkley NL	Lecture 20 Magnetic Spectroscopy E. Arenholz Lawrence Berkley NL	Lecture 23 X-ray Photon Correlation Spectroscopy Larry Lurio University of Northern Illinois	Lecture 26 Nuclear Resonant Scattering E. Alp Argonne National Laboratory	Lecture 30 Proposal Writing J. Lang Argonne National Laboratory	
12:30 - 1:30 pm	Lunch	Lunch	Lunch	Lunch	Lunch	
1:30 - 2:30 pm	Lecture 18 (Continued) X-ray Detection	Lecture 21 Time Resolved Scattering D. Tiede Argonne National Lab	Lecture 24 Pair Distribution Function Chris Benmore Argonne National Lab	Lecture 27 Inelastic X-ray Scattering P. Abbamonte University of Illinois - UC	1:45 - 5:30 pm Experiment Time D See "Experiments Schedule"	
2:30 - 2:45 pm	Break	Break	Break	Break		
2:45 - 6:45 pm	Experiment Time A See "Experiments Schedule"	User Badging Optional Tour of APS or CNM Free Time	Experiment Time B See "Experiments Schedule"	Experiment Time C See "Experiments Schedule"	Reception/Banquet Argonne Guest House Building 460 6:30 pm - Reception 7:00 pm - Dinner	
7:00 pm	Dinner and Discussion		Dinner and Discussion	Dinner and Discussion		

The Advanced Photon Source is an Office of Science User Facility operated for the U.S. Department of Energy Office of Science by Argonne National Laboratory



User Awards

- Paul Fenter (Argonne CSE):
2012 Warren Award of the
American Crystallographic
Association

- Keith Moffat (U Chicago):
2011 Patterson Award of the
American Crystallographic
Association



Argonne Awards to APS Staff

- Outstanding Service: Jim Lang (ASD)
- Director's Team Award for Outstanding Safety Performance: SPM 441: Marvin Kirshenbaum, Rick Janik, John Sidarous, Andrew Stevens, Bill Wesolowski (AES), plus winners from CNM
- Univ. of Chicago Scholarship: daughter of Jiyong Zhao (XSD)

UChicago

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Board of Governors for Argonne National Laboratory 2011 Awards Program

Distinguished Performance

Ali Erdemir (ES)
Aymeric Rousseau (ES)
Elena Shevchenko (CNM)
David M. Tiede (CSE)

Outstanding Service

James J. Feigl, Jr. (CELS)
David M. Gartman (EVNS)
Joseph S. Gregar (PSE)
James W. Lang (ASD)

Argonne National Laboratory Director's Award for Outstanding Safety Leadership

Gregory K. Krumdick (ES) & Joseph H. Kilar (ESQ)

Argonne National Laboratory Director's Team Award for Outstanding Safety Performance

(Dual Winners)

Vehicle Systems & Fuel Section – Vehicle Testing Lab Working Group

- Geoffrey L. Amann (ES)
- Michael R. Kern (ES)
- David M. Bell (ES)
- Henning R. A. Lohse-Busch (ES)
- Daniel J. Bocci (ES)
- David A. Shimcoski (ES)

SPM 441, Center for Nanoscale Materials (CNM) &
Advanced Photon Source Engineering Support (AES)

- Stuart B. Feinberg (CNM)
- Marvin Kirshenbaum (AES)
- Andrew Stevens (AES)
- Brandon L. Fisher (CNM)
- Richard E. Janik (AES)
- Bruce Stockmeier (CNM)
- Joseph S. Gregar (formerly CNM)
- Amanda Petford-Long (CNM)
- Ronald L. Tollner (CNM)
- Nathan P. Guisinger (CNM)
- Catherine M. Riblon (CNM)
- William A. Wesolowski (AES)
- Jeffrey R. Guest (CNM)
- John F. Sidarous (AES)

Pinnacle of Education

(Dual Winners)

Giselle Sandi-Tapia (CSE) & Educational Programs Learning Center Team:

- Deon G. Ettinger
- David S. Kupperman
- Kathleen P. Greenawalt
- Patricia M. Zriny

University of Chicago Scholarship

Qianru Ruby Zhao - Daughter of Jiyong Zhao, XSD

July 14, 2011

Awards Ceremony – 2:00 p.m.

Building 402 Auditorium

Reception immediately following in Lower Level Gallery



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Energy Office of Science by Argonne National Laboratory



Budget Update

- In June we received a reasonable FY11 budget:
 - \$5M above FY10 (earmarked for Upgrade activities)
- House mark-up of FY12 budget:
 - Office of Science: -0.9% from FY11
 - BES: +0.6% from FY11
 - Includes \$20M for Energy Storage Hub
- APS Upgrade project budget on track for \$20M funding in FY12
- A good starting point, given federal budget austerity



University of Chicago and DOE Reviews of APS

- DOE Review of APS scheduled for September 12-15
- U of C Review of APS scheduled for July 27-29
- DOE Review: combination of plenary talks, posters, and breakout session discussions with staff
- We will be inviting users to give science highlight talks and posters
- U of C Review: somewhat shorter and simpler

