

APS/Users' Operations Monthly Meeting

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Advanced Photon Source

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Agenda

I. APS Update (D. Mills)

II. The Future Roles of Floor Coordinators (John Quintana)

III. APS Accelerator Enhancements (Vadim Sajaev)



APS Update

Safety

We recently had two incidents submitted to the DOE Occurrence Reporting and Processing System (ORPS):

- Roughing pump caught fire in 14-ID FOE on 3/5/06
 - resident user and APS staff noticed smoke
 - called 911 and put out fire with extinguisher (all the right things!)
 - fire company arrived and assisted
 - NO INJURIES
- Breakage and spill of a bottle of cobalt metal powder in LOM 435 on 3/6/06
 - a 100-200 gram bottle of cobalt powder (1.3 micron) was brought to APS
 - the area was cordoned off (powder washed off people) and 911 called
 - NO INJURIES however, several rules were violated.....

APS Update

DOE Inspector General Audit of APS

- The APS is currently undergoing an audit by the DOE IG
- Topics of interest to the IG are:
 - Beamtime usage
 - Proprietary research
 - General finance
- Staff from the DOE IG may be talking to beamline staff
 - Be cordial
 - Answer any questions to the best of your ability
 - Saying “I don’t know” is perfectly acceptable
- If you have further questions/concerns feel free to contact me.

APS Update

Beamline Metrics for DOE

- Pat Dehmer (DOE/BES) met with the SR facility Directors/Deputy Directors on 2/23/06 to discuss the beamline metrics that had been collected last year.
- She is convinced that this type of information is very useful as supporting evidence of the need for budget increases for the facilities.
- Based on this, she has asked each of the facilities to:
 - Update the FY04 data
 - technical quality of the beamlines
 - staffing
 - beamline techniques (spectroscopy, scattering, etc.)
 - Update the spread sheet to cover FY05 (again the technical quality of the beamline, number of FTEs associated with operations, techniques)

She would like to have this by March 20 and so please send back the undated information ASAP! Thanks.



User Meeting Workshops

- * WK1 -- *Toward 1-nanometer X-ray Beams (with CNM)*
- * WK2 -- *Nanomaterials for Energy*
- * WK3 -- *Nanophotonics*
- * WK4 -- *Microscopy and Imaging in Materials Science (with CNM)*
- * WK5 -- *Nanopatterning*
- * WK6 -- *Quantum Nanomagnetism*
- * WK7 -- *Texture and Strain Mapping with X-rays, Neutrons, and Electrons (with IPNS and EMC)*
- * WK8 -- *Inelastic X-ray Scattering*
- * WK9 -- *X-ray Spectromicroscopy: a Tool for Environmental Science?*
- * WK10 -- *Diffuse Scattering*
- * WK11 -- *Beamline Controls*
- * WK12 -- *Microdiffraction in Structural Biology*

- * *Adjunct workshops (separate registration and payment)*
 - o *Synergy of 21st Century High Pressure Science and Technology, April 29-May 1 (organized by HP-CAT, APS XOR, and GSECARS)*
 - o *Workshop on Time-Resolved and Laue Crystallography, May 6-8 (organized by BioCARS)*

Deadlines

- **March 15: poster abstracts**
- **April 1: non-U.S. registration**
- **April 14: registration / housing**



Calling all Musicians...

The APS Blues (or “Cool Jazz”) TRIO (Murray Gibson, Rod Gerig, and Doug Horan) has agreed to perform at the APS User Meeting banquet!

However, they would MUCH prefer to be a group! To do so, they need more experienced musicians (drummers, etc., etc.).

- **How experienced? (Not too much)**
- **Qualifications? (On site--ANL employee or resident user)**
- **Willingness to perform? (Definitely!)**

Interested? Contact Susan Strasser in the APS User Office.

Beam Me Up Scotty T-Shirts

The people involved with the roughing pump fire on Monday did all the right things and for that:

Harold Brewer (BioCARS Mechanical Group)

Kristine Mietsner (ASD Survey Group)

get the APS **Beam Me Up Scotty** T-Shirt!

