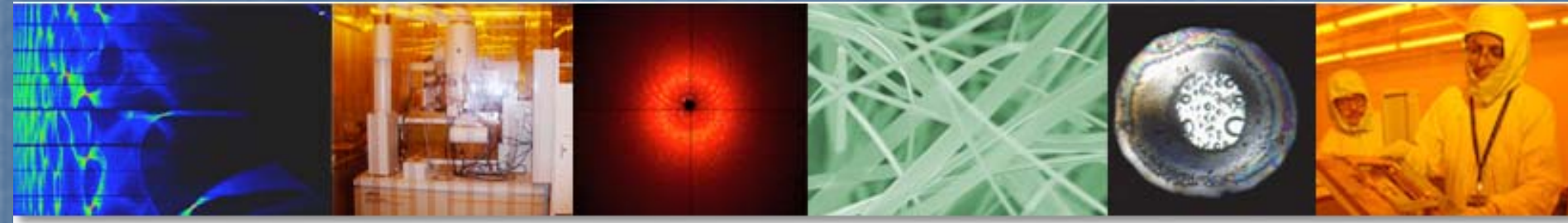


2008 User Week Update



Larry Lurio

Tim Graber Presenting

27 February 2008

Meeting Participants

- Advanced Photon Source
- Center for Nanoscale Materials
- Electron Microscopy Center

- IPNS will not participate this year, but there will be a session devoted to the new scattering institute.

Meeting Highlights



- Presentation of a play Sunday evening “Picasso Meets Crystallography”. (Picasso Meets John Bernal)
- Monday Morning
 - Pat Dehmer, Deputy Director for Science Programs, DOE Office of Science
 - Congressman Dan Lipinski, Democrat Illinois 3rd Congressional District, Vice-chair of the House Science and Technology Committee. (Still tentative)
- Monday Afternoon
 - Rosalind Franklin Young Investigator Award Presentation (We are still soliciting nominations!)
 - Best contributed student presentation award.
- Tuesday Evening Banquet at the Shed Aquarium.
- Meeting runs through Thursday afternoon.

Sunday May 4	Monday May 5	Tuesday May 6	Wednesday May 7	Thursday May 8	Friday May 9
	Exhibits	Exhibits	Exhibits		
	Opening Session <ul style="list-style-type: none"> • DOE Perspective • View from Washington • APS Update • CNM Update • EMC Update 	WK01 Diffraction Studies of Structural and Mechanical Properties WK02 SAXS and SANS Applications in Nano Materials and Nano Biology WK03 Scientific Advances in Inelastic X-Ray Scattering WK04 Software for Challenging Cases in Macromolecular Crystallography	CNM Plenary Session CNM Science Session EMC Plenary Session	WK05 contd. WK06 contd. WK07 Nanoscale critical phenomena near phase transitions and phase transitions of nanoscale materials WK08 Scattering and Spectroscopic Studies of Materials in High Magnetic Fields WK09 Scientific Applications of Nuclear Resonant Scattering	CNM Short Courses Satellite Workshops
Exhibitor Set-up (11 - 3)					
	Lunch (in tent)	Lunch (in tent)	Lunch (in tent)	Lunch (in tent)	
Registration (1:00 - 4:00)	APS Science Session (1 - 4:30)	WK01 contd. WK02 contd. WK03 contd. WK04 contd.	EMC Science Session ASII2 (1:30 - 3:00) WK05 Emergent States at Interfaces of Complex Oxides: What Can Be Learned from Local Probes? WK06 Nanoscale Heterostructures	WK07 contd. WK08 contd. WK09 contd. WK10 In-situ Surface Science: Growth and Properties of New Materials WK11 Synchrotron Radiation in Pharmaceutical Science: Freeze Drying and Other Applications	CNM Short Courses Satellite Workshops
"Picasso Meets Crystallography" (3:30 - 5:00)					
Exhibitor Expo and Reception (5:00 - 6:30)	APS Poster Session and Reception (4:45 - 6:30) Sub-Ångstrom Microscopy and Microanalysis Facility Reception (4:45 - 6:30)	APS/EMC/CNM Tours (4:45 - 6:30)	CNM/EMC Poster Session and Reception (4:45 - 6:30 pm)		
	Beamline Advisory Group Meetings	Banquet at the Shedd	APS PUC Dinner/Meeting		

Workshops

1. Diffraction Studies of Structural and Mechanical Properties
2. Emergent States at Interfaces of Complex Oxides
3. In-situ Surface Science: Growth and Properties of New Materials (half day)
4. Nanoscale critical phenomena near phase transitions and phase transitions of nanoscale materials
5. Nanoscale Heterostructures
6. SAXS and SANS Applications in Nano Materials and Nano Biology
7. Scattering and Spectroscopic Studies of Materials in High Magnetic Fields
8. Scientific Advances in Inelastic X-Ray Scattering
9. Scientific Applications of Nuclear Resonant Scattering
10. Software for Challenging Cases in Macromolecular Crystallography
11. Synchrotron Radiation in Pharmaceutical Science: Freeze Drying and Other Applications (half day)

Satellite Workshops

- APS Short Pulse X-ray (SPX) Project, May 9th
- Advanced X-ray Imaging, May 6th

CNM short courses on Friday, May 9th

APSUO Rosalind Franklin Young Investigator Award

- Description of the Award: In 2004, in conjunction with the Advanced Photon Source, the APS Users Organization established the APSUO Rosalind Franklin Young Investigator Award to recognize an important scientific or technical accomplishment by a young investigator (senior graduate student or early career Ph.D.) at, or beneficial to, the APS.
- The award consists of a plaque plus and a monetary award of \$1000
- Nomination Requirements: Nominations for this award must include the following:
 - A short (one page or less) nominating statement and signature of the nominator
 - A one-page description, written by the nominee, of the work for which the award is proposed
 - A single publication authored or co-authored by the nominee, with a brief statement describing the significance and impact of the work (may be written by nominator or nominee)
 - A current CV
 - Two (or more) supporting letters
- Complete packages must be received by Susan Strasser (strasser@aps.anl.gov) NO LATER THAN March 28, 2008.

<http://www.aps.anl.gov/Users/Meeting/2008/>



Users Week 2008
May 4-8, 2008

Home Program Registration & Abstracts Workshops Exhibitors Practical Matters Awards Elections

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Deadlines
- March 31: poster abstracts
- April 11: non-U.S.
registration
- April 18: housing
- April 25: registration

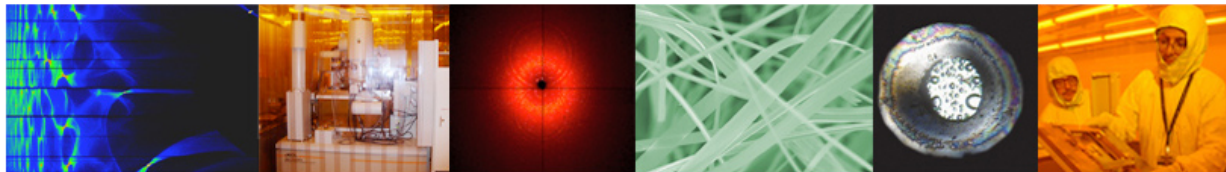
Elections
- APS
- CNM

Download Poster

Committees

Past Meetings

2007
2006
2005
2004



Users Week 2008

May 4 - 8, 2008

Advanced Photon Source - Center for Nanoscale Materials - Electron Microscopy Center

This year's meeting features three science sessions, nine full-day workshops, two half-day workshops, facility tours--and the world premiere of a play about the intersection of science and art. Regular registration is \$250; the student fee is \$50. [Special opportunities for students](#) include poster prizes and a competition to present a science session talk. Please note the **poster deadline, March 31**: We may have space limitations this year, so timely submission of abstracts is important. And don't miss the **banquet**! This year we visit the spectacular **Shedd Aquarium** on Chicago's lakefront.

Key Dates

- Exhibitor registration - now open (to be included in mailings, please write to vendor@aps.anl.gov)
- [Franklin award nominations](#) - March 28
- Registration opens - mid February
- [Poster abstracts due](#) - March 31
- Registration for non-U.S. citizens without access badge - April 11
- Housing reservations (meeting rate) - April 18
- Registration for all others (without late fee) - April 25

Highlights

- Science sessions for APS, CNM, EMC
- Banquet at the [Shedd Aquarium](#)
- Washington updates
- Vendor expo
- Poster sessions (student prizes)
- [Invited student talks](#)
- [APS Franklin Award](#)
- Facility tours
- Social events
- [Premier production of "Picasso Meets Crystallography"](#)

Sponsors & Exhibitors

- [Exhibitors List](#)
- [Info for Exhibitors](#)

Sponsors

- Argonne National Laboratory
- Advanced Photon Source
- Advanced Photon Source Users Organization
- International Union of