



2005 NSLS Users' Meeting

Agenda

The annual NSLS Users' Meeting and Workshops are hosted and sponsored by the National Synchrotron Light Source Users' Association, an external organization representing the users of the NSLS. The annual meeting and workshops are supported primarily by registration fees paid by the participants. Social events, lunches and coffee are provided to registered attendees, compliments of our vendors and sponsors.

The Users' Executive Committee (UEC), the association's elected body, cordially invites all BNL employees to attend Tuesday's Early Morning Plenary Session, free of charge. All other sessions are dedicated to scientific talks and require registration. BNL employees and guests are warmly invited to register for these sessions, the workshops and other events (fees are required).

Sunday, May 22

Registration

Starts	Ends	Event	Location
4:00 p.m.		Voting for 2004-05 UEC members available	Berkner Hall Lobby
4:00 p.m.	7:00 p.m.	Registration Office opens	Berkner Hall Conf D

Monday, May 23

Workshops

Starts	Ends	Event	Location
7:30 a.m.	7:30 p.m.	Registration Office open ~ all attendees must check in before attending any event	Berkner Hall Conf D
8:30 a.m.	5:00 p.m.	Workshop 3: The Impact of Cryogenic Specimen Automounters on the Future of Macromolecular Crystallography	Bldg. 463 Biology Large Seminar Room
9:00 a.m.	5:00 p.m.	Workshop 1: Nanomagnetism: Materials and Probes	Bldg. 555 Chemistry Hamilton Room
9:00 a.m.	5:00 p.m.	Workshop 2: Imaging Nanoscale Structure in Biominerals: New Results and Challenges	Bldg. 510 Physics Large Seminar Room

11:00 a.m.	12 noon	Tour of the NSLS	NSLS Building 725
12 noon	1:00 p.m.	Lunch for Workshop Attendees. Time is approximate. Refer to Workshop Schedule.	Workshop Location
	5:00 p.m.	All Workshops conclude	Workshop Location
5:00 p.m.	7:30 p.m.	Welcoming Reception, Vendor & Equipment Exhibit, Poster Session	Berkner Hall Lobby and Conf B
	7:30 p.m.	Registration Office closes	Berkner Hall Conf D

Tuesday, May 24

Main Meeting

Starts	Ends	Event	Location
7:30 a.m.		Registration Office opens ~ all attendees must check in before attending any event	Berkner Hall Conf D
8:00 a.m.		Vendor & Equipment Exhibit, Poster Session	Berkner Hall Lobby and Conf B

Early Morning Plenary Session

Open to all BNL employees, free of charge
(8:30 a.m. to 10:20 p.m.)

Peter Stephens, Session Chair
State University of New York at Stony Brook
Vice Chair, Users' Executive Committee, 2004-05

8:30 a.m.	8:40 a.m.	"Welcome" Peter Stephens, SUNY Stony Brook	Berkner Hall Auditorium
8:40 a.m.	9:10 a.m.	"BNL Update" Praveen Chaudhari, BNL Director	Berkner Hall Auditorium
9:10 a.m.	9:40 a.m.	"BES Update" Patricia Dehmer, Office of Basic Energy Sciences, Department of Energy	Berkner Hall Auditorium
9:40 a.m.	10:20 a.m.	"NSLS and NSLS-II Update" Steve Dierker, Light Sources Director	Berkner Hall Auditorium

Morning Break

(10:20 a.m. to 10:45 a.m.)

10:20 a.m.	10:45 a.m.	Continental Breakfast and Coffee Break for registered attendees	Berkner Hall Lobby and Conf B
10:25 a.m.	10:35 a.m.	Photo: UEC Officers and DOE, BNL, and NSLS management	Behind Berkner
10:35 a.m.	10:45 a.m.	Photo: Users' Meeting Planning Committee	Behind Berkner

Late Morning Session

Registration Required

(10:45 a.m. to 12:45 p.m.)

Peter Stephens, Session Chair

State University of New York at Stony Brook
Vice Chair, Users' Executive Committee, 2004-05

10:45 a.m.	11:30 a.m.	"The Structure of Cocoa Butter and the Taste of Chocolate" Henk Schenk, University of Amsterdam	Berkner Hall Auditorium
11:30 a.m.	12:00 a.m.	"Safety at the NSLS - a dialogue between Users and Facility" William Casey, NSLS, and Peter Stephens, SUNY Stony Brook	Berkner Hall Auditorium
12:00 a.m.	12:45 p.m.	"Theory and Interpretation of X-ray Spectra - From EXAFS to NRIXS" John Rehr, University of Washington	Berkner Hall Auditorium

Lunch Break

(12:45 p.m. to 2:00 p.m.)

	12:45 p.m.	Registration Office closes for lunch	Berkner Hall Conf D
12:45 p.m.	2:00 p.m.	Lunch for registered Main Meeting Attendees (Buffet line forms at Conference Room B)	Berkner Hall Cafeteria
1:30 p.m.		Registration Office re-opens	Berkner Hall Conf D
	2:00 p.m.	UEC voting closes	Berkner Hall Lobby

Early Afternoon Session

Registration Required

(2:00 p.m. to 3:30 p.m.)

Lawrence S. Shapiro, Session Chair

Associate Professor, Dept. of Biochemistry and Molecular Biophysics

Jules and Doris Stein Professor of Research to Prevent Blindness

Columbia University

Chair, Users' Executive Committee, 2004-05

2:00 p.m.	2:45 p.m.	"Experiments at Advanced Polymers Beam Line - X27C" Benjamin Chu, SUNY Stony Brook	Berkner Hall Auditorium
2:45 p.m.	3:30 p.m.	"Structural Biology in the 3rd Millennium" Steven Almo, Albert Einstein College of Medicine	Berkner Hall Auditorium

Afternoon Break

(3:30 p.m. to 3:45 p.m.)

3:30 p.m.	3:45 p.m.	Coffee Break for registered attendees	Berkner Hall Lobby and Conf B
-----------	-----------	---------------------------------------	-------------------------------

Late Afternoon Session

Registration Required
(3:45 p.m. to 5:00 p.m.)

Lawrence S. Shapiro, Session Chair

Associate Professor, Dept. of Biochemistry and Molecular Biophysics
Jules and Doris Stein Professor of Research to Prevent Blindness

Columbia University

Chair, Users' Executive Committee, 2004-05

3:45 p.m.	4:30 p.m.	"Electronic Crystallization in Spin Ladders" Peter Abbamonte, NSLS	Berkner Hall Auditorium
	4:00 p.m.	Registration Office closes	Berkner Hall Conf D
4:30 p.m.	5:00 p.m.	"UEC Business, UEC Voting results, Poster Awards"	Berkner Hall Auditorium
	5:00 p.m.	Vendor & Equipment Exhibit and Poster Session close	Berkner Hall Lobby and Conf B
5:00 p.m.	6:00 p.m.	UEC Meeting - All UEC Members invited (including newly elected members)	Berkner Hall Conf A
5:00 p.m.	9:30 p.m.	Cocktail Hour (5-6pm) followed by Banquet onsite at BNL	Berkner Hall Cafeteria

Wednesday, May 25

Workshops

Starts	Ends	Event	Location
8:00 a.m.	12 noon	Registration Office opens ~ all attendees must check in before attending any event	Berkner Hall Conf D
9:00 a.m.	5:00 p.m.	Workshop 4: Spectroscopic Studies of Nanoscaled Systems	Bldg. 463 Biology Large Seminar Room
9:00 a.m.	5:00 p.m.	Workshop 5: Application of Small Angle X-Ray Scattering to Biological Structures	Bldg. 510 Physics Large Seminar Room
9:00 a.m.	4:45 p.m.	Workshop 6: In-situ Kinetic Analyses in Environmental and Chemical Systems	Bldg. 555 Chemistry Hamilton Room
9:00 a.m.	12 noon	Safety Workshop: Electrical Safety in the Research Community	Bldg. 725 Seminar Room
		NSLS welcomes registered User Meeting attendees, BNL employees and BNL badged guest free of charge to this workshop. *Registration is separate from Users' Meeting*	
	12 noon	Registration Office closes	Berkner Hall Conf D
12 noon	1:00 p.m.	Lunch for Workshop Attendees. Time is approximate. Refer to Workshop Schedule.	Workshop Location

5:00 p.m.

Workshops conclude

Workshop Location



2005 NSLS Users' Meeting

Workshops

The program of six workshops, each one full day, will focus on specific scientific topics and techniques of interest to the synchrotron community. Follow the link for each workshop for more information.

Monday, May 23, 2005

Workshop 1	Nanomagnetism: Materials and Probes <i>Organizer(s):</i> L. H. Lewis (BNL, MSD/CFN), (lhlewis@bnl.gov) C.-C. Kao (BNL, NSLS), (kao@bnl.gov)	Bldg. 555, Chemistry, Hamilton Room
Workshop 2	Imaging Nanoscale Structure in Biominerals: New Results and Challenges <i>Organizer(s):</i> Elaine DiMasi (BNL, NSLS), (dimasi@bnl.gov)	Bldg. 510, Physics, Large Seminar Room
Workshop 3	The Impact of Cryogenic Specimen Automounters on the Future of Macromolecular Crystallography <i>Organizer(s):</i> Dieter Schneider (BNL, Biology) (schneider@bnl.gov) Robert Sweet (BNL, Biology) (sweet@bnl.gov) Thomas Earnest, (LBL) (TNEarnest@lbl.gov) Gerd Rosenbaum, (ANL) (grosenbaum@anl.gov)	Bldg. 463, Biology, Large Seminar Room

Wednesday, May 25, 2005

Workshop 4	Spectroscopic Studies of Nanoscaled Systems <i>Organizer(s):</i> Peter Abbamonte (BNL, NSLS) (abbamonte@bnl.gov) Peter Johnson (BNL, Physics) (pdj@bnl.gov)	Bldg. 463, Biology, Large Seminar Room
Workshop 5	Application of Small Angle X-Ray Scattering to Biological Structures <i>Organizer(s):</i> Lin Yang (BNL, NSLS) (lyang@bnl.gov)	Bldg. 510, Physics, Large Seminar Room
Workshop 6	In-situ Analyses in Environmental and Chemical Systems <i>Organizer(s):</i> Dean Hesterberg (NC State-Soil Science) (dean_hesterberg@ncsu.edu) Jeff Fitts (BNL, Environmental Sciences) (fitts@bnl.gov)	Bldg. 555, Chemistry, Hamilton Room
Workshop 7	NSLS Safety Workshop: Electrical Safety in the Research Community <i>Organizer(s):</i> Bob Casey, NSLS (casey@bnl.gov)	Bldg. 725, Seminar Room