



2001 NSLS Users' Meeting

Agenda

Monday, May 21

Starts	Ends	Event	Location
7:00 a.m.		Registration Office opens	Berkner Hall, Rm D
7:30 a.m.	9:00 a.m.	Forum: Need for Advanced Detector Development for Synchrotron Radiation, D. Peter Siddons (BNL/NSLS)	Berkner Hall, Rm B
9:00 a.m.		Workshop: Environmental Molecular Sciences, Richard Reeder (SUNY Stony Brook) and Tony Lanzirotti (Univ. of Chicago)	Chemistry, Bldg 555 - Hamilton Rm
9:00 a.m.		Workshop: Synchrotron Techniques for Catalytic Studies, Jinguang Chen (Univ. of Delaware)	Biology, Bldg 463 - Large Seminar Rm.
9:00 a.m.		Workshop: Frontiers in Structural Biology at High-Brightness X-Ray Sources, Mike Becker and Lonny Berman (BNL)	Physics, Bldg 510 - Large Seminar Rm
11:00 a.m.	12 noon	Tour of the NSLS	NSLS Building 725
12 noon	1:00 p.m.	Lunch for Workshop Attendees	At Workshop Locations
	5:00 p.m.	Workshops conclude	At Workshop Locations
5:30 p.m.	8:00 p.m.	Welcoming Reception	Berkner Hall, Lobby
5:30 p.m.	8:00 p.m.	Vendor & Equipment Exhibit	Berkner Hall, Lobby
5:30 p.m.	8:00 p.m.	Poster Session	Berkner Hall, Rm B
	8:00 p.m.	Registration Office closes	Berkner Hall, Rm D

Tuesday, May 22

7:30 a.m.		Registration Office opens	Berkner Hall, Rm D
8:00 a.m.		Vendor & Equipment Exhibit opens	Berkner Hall, Lobby
8:00 a.m.		Poster Session opens	Berkner Hall, Rm B
Simon Bare UOP LLC Chair, 2001 Annual Users' Meeting Planning Committee Chair-Elect, User' Executive Committee, 2001-02 Morning Session Moderator (8:30 a.m. to 9:55 a.m.)			
8:30 a.m.	8:35 a.m.	Main Meeting Opening Remarks (John Marburger, BNL Director)	Berkner Hall, Auditorium
8:35 a.m.	8:50 a.m.	"Lab Overview," John Marburger, BNL Director	Berkner Hall, Auditorium
8:50 a.m.	9:15 a.m.	"The DOE Nanoscience Initiative: Rethinking Brookhaven and its Industry and University Partners," Richard Osgood, Jr., Assistant Laboratory Director for Basic Energy Sciences/BNL	Berkner Hall, Auditorium
9:15 a.m.	9:40 a.m.	"News and Perspectives at BES," Pat Dehmer, Assoc. Director of Science for Basic Energy Sciences/DOE	Berkner Hall, Auditorium

9:40 a.m.	9:55 a.m.	"Initial Perspectives and NSLS Update," Steve Dierker, Chairman/NSLS	Berkner Hall, Auditorium
9:55 a.m.	10:25 a.m.	Coffee Break	Berkner Hall, Lobby
10:00 a.m.	10:10 a.m.	Planning Committee photo	Berkner Hall, outside front

Mark Chance
Albert Einstein College of Medicine
Chair, Users' Executive Committee, 2000-01
Late Morning Session Moderator (10:25 a.m. to 12:25 p.m.)

10:25 a.m.	11:10 a.m.	Keynote Address: "Beyond Silicon CMOS" Jane "Xan" Alexander, Acting Director, Defense Advanced Research Projects Agency (DARPA)	Berkner Hall, Auditorium
11:10 a.m.	11:40 a.m.	"Federal Agency Partnerships for Tools for Structural Biology," Judith Vaitukaitis, Director of the National Center for Research Resources NCR/NIH (Introduction by Mark Chance)	Berkner Hall, Auditorium
11:40 a.m.	12:10 a.m.	"Nanoscale Science and Engineering at NSF" Thomas Weber, Director of Division of Materials Research/NSF	Berkner Hall, Auditorium
12:10 a.m.	12:25 a.m.	"Development of Small Gap Undulator Technology at the NSLS," Mark Chance, Albert Einstein College of Medicine	Berkner Hall, Auditorium
12:25 p.m.	12:45 p.m.	UEC Elections	Berkner Hall, Lobby
12:45 p.m.	1:45 p.m.	Lunch	Berkner Hall, outdoors

Leemor Joshua-Torr
Cold Spring Harbor Laboratory
Early Afternoon Session Moderator (1:45 p.m. to 3:30 p.m.)

1:45 p.m.	2:00 p.m.	"Source Development at the NSLS," Samuel Krinsky, Deputy Chair (NSLS)	Berkner Hall, Auditorium
2:00 p.m.	2:30 pm	"Photoinjected Energy Recovery Linac (PERL) Upgrade for the NSLS," Ilan Ben-Zvi (NSLS/ATF)	Berkner Hall, Auditorium
2:30 p.m.	3:00 p.m.	"Structural Studies of Prokaryotic RNA Polymerase," Seth Darst, Rockefeller University	Berkner Hall, Auditorium
3:00 p.m.	3:30 p.m.	"Development and Integration of Synchrotron X-Ray Techniques into an Environmental Research Program," Doug Hunter, Savannah River Technology Center	Berkner Hall, Auditorium
3:30 p.m.	3:50 p.m.	Coffee Break	Berkner Hall, Lobby

Daniel Fischer
National Institute of Standards & Technology
2001 Annual Users' Meeting Planning Committee
Late Afternoon Session Moderator (3:50 p.m. to 4:50 p.m.)

3:50 p.m.	4:20 p.m.	"Studies of Surface Reaction Mechanisms using NEXAFS," Jingguang Chen, University of Delaware	Berkner Hall, Auditorium
4:20 p.m.	4:50 p.m.	"Characterization of Spectroscopically Quiet Metals: Zinc in Biological Systems," Jim Penner-Hahn, University of Michigan	Berkner Hall, Auditorium
4:50 p.m.	4:55 p.m.	UEC election results announced	Berkner Hall, Auditorium
4:55 p.m.	5:00 p.m.	Student/Post Doc Poster Contest Winners announced	Berkner Hall, Auditorium
	5:00 p.m.	Meeting adjourned	
	5:00 p.m.	Registration Office closes	Berkner Hall, Rm D
	5:00 p.m.	Vendor & Equipment Exhibit closes	Berkner Hall, Lobby
	5:00 p.m.	Poster Session closes	Berkner Hall, Rm B
5:30 p.m.	6:30 p.m.	UEC Meeting - All UEC Members invited (including newly elected members)	Bldg. 460, Directors Office Conference Rm.
6:30 p.m.	9:30 p.m.	Banquet (Luau) onsite at BNL	Berkner Hall, Cafeteria

Wednesday, May 23

7:30 a.m.		Registration Office opens	Berkner Hall, Rm D
8:30 a.m.		Workshop: Advanced Methods and Tricks of EXAFS Data Modeling, Anatoly Frenkel (Univ. Illinois)	Chemistry, Bldg 555, Hamilton Rm
8:45 a.m.		Workshop: IR Micro-Spectroscopy: A Molecular Probe with Micron Resolution, Larry Carr (BNL/NSLS) and Lisa Miller (BNL/NSLS)	NSLS, Bldg 725 - Seminar Rm
9:00 a.m.		Workshop: Applications of Synchrotron Radiation in Nanoscience and Technology, Peter Johnson (BNL/Physics) and Chi-Chang Kao (BNL/NSLS)	Physics, Bldg 510 - Seminar Rm
12 noon	1:00 p.m.	Lunch for Workshop Attendees	At Workshop Location
	5:00 p.m.	Workshops conclude	At Workshop Location
	5:00 p.m.	Registration Office closes	Berkner Hall, Rm D

8:00 a.m.		Registration Office opens	Berkner Hall, Rm D
8:45 a.m.		Workshop (hands-on portion): IR Micro-Spectroscopy: A Molecular Probe with Micron Resolution, Larry Carr (BNL/NSLS) and Lisa Miller (BNL/NSLS)	NSLS, Experimental Floor
9:00 a.m.		Workshop (hands-on): XAFS Data Reduction and Analysis Using WinXAS, Thorsten Ressler, (Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin)	Berkner Hall, Rm B
	10:00 a.m.	Registration Office closes	Berkner Hall, Rm D
12 noon	1:00 p.m.	Lunch for WinXAS Attendees	Berkner Hall, Rm B
	5:00 p.m.	Workshops conclude	



2001 NSLS Users' Meeting

Workshops

The program of one-day workshops will focus on specific scientific topics and techniques of interest to the synchrotron community. The workshops currently planned are listed below. Follow the link for each workshop for more information.

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Workshop 1	Environmental Molecular Sciences <i>Organizer(s):</i> Richard Reeder (SUNY Stony Brook) Tony Lanzirotti (Univ. of Chicago)	
Workshop 2	Synchrotron Techniques for Catalytic Studies <i>Organizer(s):</i> Jingguang G. Chen, University of Delaware, 302-831-0642	Biology, Bldg. 463 - Large Seminar Room
Workshop 3	Frontiers in Structural Biology at High-Brightness X-Ray Sources <i>Organizer(s):</i> Mike Becker (BNL) Lonny Berman (BNL)	Physics, Bldg 510 - Large Seminar Room

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Workshop 4	Advanced Methods and Tricks of EXAFS Data Modeling <i>Organizer(s):</i> Anatoly Frenkel (Univ. Illinois)	
Workshop 5	Applications of Synchrotron Radiation in Nanoscience and Technology <i>Organizer(s):</i> Peter D. Johnson (BNL/Physics) Chi-Chang Kao (BNL/NSLS)	Physics, Bldg. 510 - Large Seminar Room
Workshop 6	IR Micro-Spectroscopy: A Molecular Probe with Micron Resolution <i>Organizer(s):</i> Larry Carr (BNL) Lisa Miller (BNL)	

Thursday, May 24, 2001

Workshop 7	XAFS Data Reduction and Analysis Using WinXAS <i>Organizer(s):</i> Thorsten Ressler, Fritz-Haber-Institut der MPG	Berkner Hall - Room B
Workshop 8	IR Micro-Spectroscopy: A Molecular Probe with Micron Resolution <i>Organizer(s):</i> Larry Carr (BNL) Lisa Miller (BNL)	