



2008 NSLS/CFN Joint Users' Meeting

Agenda

The Joint NSLS and CFN Users' Meeting and Workshops are hosted and sponsored by the National Synchrotron Light Source and the Center for Functional Nanomaterials Users' Associations, external organizations representing the users of the NSLS and the CFN. The 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 exhibitors and sponsors.

The NSLS Users' Executive Committee and the CFN Users' Executive Committee, the elected bodies of each association, cordially invite all BNL employees to attend the Tuesday Morning Plenary Sessions, 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).

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Sunday, May 18

Starts	Ends	Event	Location
4:00 p.m.	7:00 p.m.	Optional Vendor Set up	Berkner Hall Lobby and Cafeteria
4:00 p.m.	7:00 p.m.	Early Registration - Registration Office opens	Berkner Hall Lobby and Conf Rm D
4:00 p.m.	7:00 p.m.	Poster Set up	Berkner Hall Lobby and Cafeteria

Monday, May 19

Starts	Ends	Event	Location
7:00 a.m.	11:30 a.m.	Vendor Set up	Berkner Hall Lobby and Cafeteria
7:00 a.m.	11:30 a.m.	Poster Set up	Berkner Hall Cafeteria
7:00 a.m.		Registration Office opens ~ all attendees must check in before attending any event	Berkner Hall Lobby and Conf Rm D

Monday Workshops (Registration Required)

9:15 a.m.	4:10 p.m.	Workshop 1: "Electrical Nanoprobes"	Berkner Bldg. 488 Conf Room A
8:45 a.m.	5:15 p.m.	Workshop 2: "Applications of Synchrotron-Based Microprobe and Imaging Techniques"	Berkner Bldg. 488 Conf Room B

to Studies of Human Disease"

8:30 a.m.	5:30 p.m.	Workshop 3: "Material Dynamics in Strong/Extreme Fields"	Berkner Bldg. 488 Conf Room C
12:15 p.m.	1:15 p.m.	Lunch for Workshop Attendees	Berkner Hall Cafeteria
	5:00 p.m.	Registration Office closes	Berkner Hall Lobby and Conf Rm D
	5:30 p.m.	All Workshops Conclude	Workshop Locations
5:30 p.m.	8:00 p.m.	Welcoming Reception, Exhibitor and Poster Session	Berkner Hall

Tuesday May 20

Starts	Ends	Event	Location
7:30 a.m.	5:00 p.m.	Registration Office open ~ all attendees must check in before attending any event	Berkner Hall Lobby and Conf Rm D
8:00 a.m.	5:30 p.m.	Vendor Exhibit, Poster Session	Berkner Hall Lobby and Cafeteria

Morning Plenary Session (Open to all BNL employees, free of charge)

John Parise (Stony Brook University), Session Chair
Vice Chair, NSLS Users' Executive Committee, 2007-2008

8:30 a.m.	8:40 a.m.	"Welcome" - John Parise, NSLS UEC Vice Chair, Stony Brook University	Berkner Hall Auditorium
8:40 a.m.	8:50 a.m.	"BNL Update" - Sam Aronson, Director, Brookhaven National Laboratory	Berkner Hall Auditorium
8:50 a.m.	9:25 a.m.	"BES Update" - Patricia Dehmer, Deputy Director for Science Programs, DOE Office of Science	Berkner Hall Auditorium
9:25 a.m.	10:00 a.m.	"NSLS-II Update" - Steve Dierker, Associate Laboratory Director for Light Sources, Brookhaven National Laboratory	Berkner Hall Auditorium

Morning Break

10:05 a.m.		Photo Session - NSLS/CFN UEC Members, BNL Management and Patricia Dehmer	
10:10 a.m.		Photo Session - Users' Meeting Planning Committee	

Late Morning Session (Open to all BNL employees, free of charge)

10:30 a.m.	12:00 p.m.	"BNL Exhibitors' Networking Session" - (Open to all BNL)	Berkner Hall Lobby and Cafeteria
10:30 a.m.	11:05 a.m.	"CFN Update" - Emilio Mendez, Chair, Center for Functional Nanomaterials	Berkner Hall Auditorium
11:05 a.m.	11:40 a.m.	"NSLS Update" - Chi-Chang Kao, Chair, National Synchrotron Light Source	Berkner Hall Auditorium
11:40 a.m.	11:55 a.m.	"NSLS UEC Update" - Dan Fischer, Chair NSLS UEC	Berkner Hall Auditorium
11:55 a.m.	12:10 p.m.	"CFN UEC Update" - Molly Frame, Chair CFN UEC	Berkner Hall Auditorium

Lunch Break (Registered Attendees Only)

12:10 p.m.	1:30 p.m.	Lunch - Main Meeting Registered Attendees	Berkner Hall Lobby Lower Level and Cafeteria
12:10 p.m.	1:30 p.m.	UEC Lunch with Pat Dehmer	Berkner Hall Conf Rm A

Tuesday Plenary Science Talks Afternoon Session (Registration Required)

Molly Frame (Stony Brook University), Session Chair
Chair, CFN Users' Executive Committee

1:30 p.m.	4:00 p.m.	"BNL Exhibitors' Networking Session" - (Open to all BNL)	Berkner Hall Lobby and Cafeteria
1:30 p.m.	2:15 p.m.	"Alternative Energy for a Sustainable Future" - George Crabtree, Director, Material Sciences Division, Argonne National Laboratory	Berkner Hall Auditorium
2:15 p.m.	2:30 p.m.	Julian Baumert PhD Thesis Award Winner: "Surface Ordering in van-der-Waals and Coulomb Liquids" - Eli Sloutskin, Harvard University	Berkner Hall Auditorium

2:30 p.m.	2:45 p.m.	Announcement of Poster Session Winners and UEC New Officers	Berkner Hall Auditorium
2:45 p.m.	3:30 p.m.	"Molecular and Nanostructured Materials for Solar Photovoltaics" - Cherie R. Kagan, University of Pennsylvania	Berkner Hall Auditorium
3:30 p.m.	4:15 p.m.	"Uses of X-ray Coherence for Exploring Structure on the Nanoscale" - Ian Robinson, University College of London	Berkner Hall Auditorium
4:15 p.m.	4:30 p.m.	Discussion on Logistics and Next Workshops	Berkner Hall Auditorium
4:30 p.m.	5:15 p.m.	CFN UEC Meeting	Berkner Hall Conf Rm A
4:30 p.m.	5:15 p.m.	NSLS UEC Meeting	Berkner Hall Conf Rm C
5:00 p.m.		Registration Office closes	Berkner Hall Conf Rm D

Tuesday Night Users' Meeting Banquet

5:15 p.m.	6:15 p.m.	Cocktail Hour	Berkner Hall Lobby and Cafeteria
6:15 p.m.	10:00 p.m.	Midnight and Magic Banquet and Entertainment at Berkner Hall Tickets may still be available at the registration desk.	Berkner Hall Cafeteria

Wednesday, May 21

Starts	Ends	Event	Location
8:00 a.m.	12 noon	Registration Office opens ~ all attendees must check in before attending any event	Berkner Hall Lobby and Conf Rm D
9:00 a.m.	5:00 p.m.	Workshop 4: "Future Directions in High-Pressure Research"	Berkner Bldg. 488 Auditorium
9:00 a.m.	5:30 p.m.	Workshop 5: "Detectors"	Chemistry Bldg. 555 Hamilton Room
9:00 a.m.	12:45 p.m.	Workshop 6: "Nanofluidics"	CFN Bldg. 735 Seminar Room
8:50 a.m.	3:30 p.m.	Workshop 7: "New Experimental Techniques for Hard X-ray Studies of In-situ Film Growth and Surface Processing"	Berkner Bldg. 488 Conf Room A
8:50 a.m.	3:30 p.m.	Workshop 8: "Interfacial Chemistry in Environmental Sciences"	Berkner Bldg. 488 Conf Room B
	12 noon	Registration Office closes	Berkner Hall Conf D
	12 noon	Poster Session closes	Berkner Hall Lobby and Cafeteria
12:30 p.m.	1:30 p.m.	Lunch for Workshop Attendees	Berkner Hall Cafeteria
	1:30 p.m.	Exhibitor Session closes	Berkner Hall Lobby and Cafeteria
	5:00 p.m.	Workshops conclude	Workshop Locations



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Workshops

The program of five full-day workshops and three half-day workshops, will focus on specific scientific topics and techniques of interest to the synchrotron and nanoscience communities. Follow the link for each workshop for more information.

Monday, May 19, 2008

Workshop 1	Electrical Nanoprobes <i>Organizer(s):</i> Peter Bennett (Arizona State University) peter.bennett@asu.edu Peter Sutter (CFN-BNL) psutter@bnl.gov	Berkner Hall, Bldg. 488, Conference Room A
Workshop 2	Applications of Synchrotron-Based Microprobe and Imaging Techniques to Studies of Human Disease <i>Organizer(s):</i> Antonio Lanzirotti (CARS-University of Chicago) lanzirotti@bnl.gov Lisa Miller (BNL-NSLS) lmiller@bnl.gov	Berkner Hall, Bldg. 488, Conference Room B
Workshop 3	Dynamics of Materials in Extreme Fields <i>Organizer(s):</i> Lawrence Carr (NSLS-BNL) carr@bnl.gov Dario Arena (NSLS-BNL) darena@bnl.gov	Berkner Hall, Bldg. 488, Conference Room C

Wednesday, May 21, 2008

Workshop 4	Future Directions in High-Pressure Research <i>Organizer(s):</i> Lars Ehm (Stony Brook University) lars.ehm@stonybrook.edu Jihua G. Chen (Florida International University) jihua.chen@fiu.edu Baosheng Li (Stony Brook University) baosheng.li@sunysb.edu Zhenxian Liu (Carnegie Institution of Washington) zxliu@bnl.gov	Berkner Hall, Bldg. 488, Auditorium
Workshop 5	Detectors <i>Organizer(s):</i> Peter Siddons (NSLS-BNL) siddons@bnl.gov	Chemistry Building 555, Hamilton Room
Workshop 6	Nanofluidics <i>Organizer(s):</i> Helmut H. Strey (Stony Brook University) helmut.strey@stonybrook.edu	Center for Functional Nanomaterials (CFN), Building 735, Seminar Room
Workshop 7	New Experimental Techniques for hard X-ray Studies of In-Situ Film Growth and Surface Processing <i>Organizer(s):</i> Paul Lyman (University of Wisconsin, Milwaukee) plyman@uwm.edu Randy Headrick (University of Vermont) rheadrick@uvm.edu Karl Ludwig (Boston University) ludwig@buphy.bu.edu	Berkner Hall, Bldg. 488, Conference Room A
Workshop 8	Interfacial Chemistry in Environmental Sciences <i>Organizer(s):</i> Jeffrey P. Fitts (ESD-BNL) fitts@bnl.gov Paul Northrup (ESD-BNL) northrup@bnl.gov	Berkner Hall, Building 488, Conference Room B