



## 2009 NSLS/CFN Joint Users' Meeting

### Agenda

#### Sunday, May 17, 2009

Starts	Ends	Events	Location
4:00 PM	7:00 PM	Exhibitor Set Up (Optional)	Berkner Hall Lobby and Cafeteria
4:00 PM	7:00 PM	Early Registration - Registration Office opens	Berkner Hall Lobby and Conf. Rm D
4:00 PM	7:00 PM	Poster Set Up (Optional)	Berkner Hall Cafeteria

#### Monday, May 18, 2009

Starts	Ends	Events	Location
7:00 AM	11:30 AM	Exhibitor Set Up	Berkner Hall Lobby and Cafeteria
7:00 AM	11:30 AM	Poster Set Up	Berkner Hall Cafeteria
7:00 AM		Registration Office opens - all attendees must check in before attending any event	Berkner Hall Lobby and Conf Rm D

#### Monday Workshops (Registration Required)

8:30 AM	5:00 PM	Workshop 1: Nanostructured Photovoltaic Materials and Devices	Center for Functional Nanomaterials, Bldg. 735
8:15 AM	5:00 PM	Workshop 2: The Cold, Soft Truth: Cryo Systems for Studying Soft Materials	Berkner Hall, Conf. Rm B, Bldg. 488
8:30 AM	5:00 PM	Workshop 3: Electron Spectro-Microscopies with Synchrotron Radiation: Review & Perspectives	Physics, Bldg. 510
8:30 AM	5:00 PM	Workshop 4: Cultural Heritage Secrets Unveiled with Synchrotron Radiation	Chemistry Bldg. 555, Hamilton Seminar Room
12:00 PM	2:00 PM	Lunch for Workshop Attendees	Berkner Hall Cafeteria
2:00 PM	5:00 PM	Exhibitor Setup	Berkner Hall Lobby and Cafeteria
	5:00 PM	Registration Office closes	Berkner Hall Lobby and Conf Rm D
	5:30 PM	All Workshops Conclude	Workshop Locations
5:30 PM	8:00 PM	Welcoming Reception, Exhibitor and Poster Session	Berkner Hall Lobby and Cafeteria

#### Tuesday, May 19, 2009

Starts	Ends	Events	Location
7:30 AM	5:00 PM	Registration Office open - all attendees must check in before attending any event	Berkner Hall Lobby and Conf. Rm D
8:00 AM	5:00 PM	Vendor Exhibit, Poster Session	Berkner Hall Lobby and Cafeteria

8:30 AM	10:00 AM	<b>Morning Plenary Session (Open to all, free of charge)</b>	
		Session Chair, John Parise, Chair, NSLS Users' Executive Committee	
8:30 AM	8:35 AM	Welcome	Berkner Hall Auditorium
8:35 AM	8:45 AM	BNL Update, Sam Aronson, Director, Brookhaven National Laboratory	Berkner Hall Auditorium
8:45 AM	9:15 AM	BES Update, Harriet Kung, Associate Director of Science for Basic Energy Sciences, U.S. Department of Energy	Berkner Hall Auditorium
9:15 AM	10:00 AM	The Promise of Nanoscience for Energy Related R & D, Mildred Dresselhaus, Institute Professor of Electrical Engineering and Physics, Massachusetts Institute of Technology (Keynote Speaker)	Berkner Hall Auditorium

10:00 AM 10:30 AM **Morning Break**

10:05 AM		Photo Session - NSLS/CFN UEC Members, BNL Management, BES	
10:15 AM		Photo Session - Users' Meeting Planning Committee	

10:30 AM 12:00 PM **Late Morning Session (Open to all, free of charge)**

		Session Chair, Bruce Ravel, Vice Chair, NSLS Users' Executive Committee, NIST	
10:30 AM	12:00 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby and Cafeteria
10:30 AM	10:50 AM	BES Facilities Update, Pedro Montano, Director, Scientific User Facilities Division, U.S. Department of Energy	Berkner Hall Auditorium
10:50 AM	11:10 AM	NSLS II Update, Steven Dierker, Associate Laboratory Director for Light Sources, Brookhaven National Laboratory	Berkner Hall Auditorium
11:10 PM	11:55 AM	The Stardust Comet Sample Return Mission: Laboratory Analysis of Samples from the Edge of the Solar System, Donald Brownlee, Professor, University of Washington	Berkner Hall Auditorium

**Lunch Break (Registered Attendees Only)**

12:00 PM	1:00 PM	Lunch (ticket required)	Berkner Hall
12:00 PM	1:00 PM	UEC Lunch with Harriet Kung and Pedro Montano	Berkner Hall Conf. Room A

1:00 PM 2:40 PM **Early Afternoon Session (Open to all, free of charge)**

		Session Chair,	
1:00 PM	4:00 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby and Cafeteria
1:00 PM	1:20 PM	NSLS Update, Chi-Chang Kao, Chair, National Synchrotron Light Source	Berkner Hall Auditorium
1:20 PM	1:40 PM	CFN Update, Emilio Mendez, Chair, Center for Functional Nanomaterials	Berkner Hall Auditorium
1:40 PM	2:25 PM	Nanoscience with 4th Generation Light Sources, Franz Himpsel, Professor, University of Wisconsin	Berkner Hall Auditorium
2:25 PM	2:40 PM	Julian Baumert PhD Thesis Award Winner	Berkner Hall Auditorium
2:40 PM	3:10 PM	Afternoon Break	

3:10 PM 4:30 PM **Late Afternoon Session (Open to all, free of charge)**

		Session Chair, Bruce Ravel, Vice Chair, NSLS Users' Executive Committee, NIST	
3:10 PM	3:55 PM	Advanced Hard X-ray Spectroscopy – Recent Results on Water and 3d Transition Metal Systems, Uwe Bergmann, Ph.D, Stanford Linear Accelerator Center	Berkner Hall Auditorium
3:55 PM	4:00 PM	Announcement of Poster Session Winners and UEC New Officers	Berkner Hall Auditorium
4:00 PM	4:15 PM	NSLS UEC Update	Berkner Hall Auditorium
4:15 PM	4:30 PM	CFN UEC Update	Berkner Hall Auditorium
4:30 PM	5:15 PM	CFN UEC Meeting	Berkner Hall Room A
4:30 PM	5:15 PM	NSLS UEC Meeting	Berkner Hall Room B

**Tuesday Night Users Meeting Banquet**

5:30 PM	6:30 PM	Cocktail Hour	Berkner Hall Lobby and Cafeteria
6:30 PM	9:30 PM	Annual Banquet and Entertainment - Game and Trivia Night	Berkner Hall Cafeteria

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## Wednesday, May 20, 2009

Starts	Ends	Events	Location
8:00 AM	12:00 PM	Registration Office opens - all attendees must check in before attending any event	Berkner Hall Lobby and Conf Rm D

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### Wednesday Workshops (Registration Required)

9:00 AM	5:00 PM	Workshop 5: Future Directions for In-situ X-ray Scattering	Berkner Hall, Conf. Rm B, Bldg. 488
9:00 AM	5:00 PM	Workshop 6: Solution Studies of Macromolecules: Global and Local Structure Factors	Biology, Bldg. 463
9:00 AM	5:00 PM	Workshop 7: Nanoscale Structure-Property Relationships in Conjugates Polymers	Center for Functional Nanomaterials, Bldg. 735

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	12:00 PM	Registration Office closes	Berkner Hall Conf Rm D
	12:00 PM	Poster Session Ends	Berkner Hall Cafeteria
12:30 PM	1:30 PM	Lunch for Workshop Attendees	Berkner Hall Cafeteria
	1:30 PM	Exhibitor Session closes	Berkner Hall Lobby and Cafeteria
	5:00 PM	Workshops conclude	Workshop Locations

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### Workshops

#### Monday, May 18, 2009

Workshop 1	<b>Nanostructured Photovoltaic Materials and Devices</b> <i>Organizer(s):</i> Charles Black (BNL-CFN), ctblack@bnl.gov	Center for Functional Nanomaterials, Bldg. 735
Workshop 2	<b>The Cold, Soft Truth: Cryo Systems for Studying Soft Materials</b> <i>Organizer(s):</i> Chris Jacobsen (SBU), Chris.Jacobsen@stonybrook.edu; Qun Shen (BNL-NSLS II), qshen@bnl.gov; Lisa Miller (BNL-NSLS), miller@bnl.gov	Berkner Hall, Conf. Rm B, Bldg. 488
Workshop 3	<b>Electron Spectro-Microscopies with Synchrotron Radiation: Review &amp; Perspectives</b> <i>Organizer(s):</i> Elio Vescovo (BNL-NSLS), vescovo@bnl.gov; Dario Arena (BNL-NSLS), darena@bnl.gov; Jurek Sadowski (BNL-CFN), sadowski@bnl.gov; David Starr (BNL-CFN), dstarr@bnl.gov	Physics, Bldg. 510
Workshop 4	<b>Cultural Heritage Secrets Unveiled with Synchrotron Radiation</b> <i>Organizer(s):</i> Louise Siddons (Michigan State University), siddons@msu.edu; Peter Siddons (BNL-NSLS), siddons@bnl.gov; Vivian Stojanoff (BNL-NSLS), stojanof@bnl.gov; Cecilia Sanchez-Hanke (BNL-NSLS), hanke@bnl.gov	Chemistry Bldg. 555, Hamilton Seminar Room

#### Wednesday, May 20, 2009

Workshop 5	<b>Future Directions for In-situ X-ray Scattering</b> <i>Organizer(s):</i> Jianming Bai (University of Tennessee), jmbai@bnl.gov; Camden Hubbard (Oak Ridge National Laboratory), hubbardcr@ornl.gov; Edgar Lara-Curzio (Oak Ridge National Laboratory), aracruzioe@ornl.gov	Berkner Hall, Conf. Rm B, Bldg. 488
Workshop 6	<b>Solution Studies of Macromolecules: Global and Local Structure</b> <i>Organizer(s):</i> Sayan Gupta (Case Western Reserve University), sayan@bnl.gov	Biology, Bldg. 463
Workshop 7	<b>Nanoscale Structure-Property Relationships in Conjugated Polymers</b> <i>Organizer(s):</i> Mircea Cotlet (BNL-CFN), cotlet@bnl.gov; Hsing Lin Wang (LANL), hwang@lanl.gov	Center for Functional Nanomaterials, Bldg. 735