



## 2014 NSLS/NSLS-II & CFN Joint Users' Meeting

### Agenda

#### Sunday, May 18, 2014

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

#### Monday, May 19, 2014

Starts	Ends	Events	Location
7:00 AM	5:30 PM	Registration Office Opens (All attendees must check in before attending any event)	Berkner Hall Lobby and Conf. Rm. D
7:00 AM	4:30 PM	Exhibitor Set Up	Berkner Hall Lobby and Cafeteria
7:00 AM	4:30 PM	Poster Set Up	Berkner Hall

Starts	Ends	Events	Locations
9:00 AM	5:00 PM	<b>Workshops</b>	Locations
9:00 AM	5:30 PM	Workshop 1: Momentum-Resolved Study of Low Energy Dynamics in Solids with Synchrotron Radiation: From Inelastic X-ray Scattering to Near-field Infrared Spectroscopy	Berkner Hall, Conference Room B
8:45 AM	5:30 PM	Workshop 2: Complex Functional Materials: Probing the Meso-Scale Structural Organization and the System Dynamics with Soft X-ray	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
9:00 AM	5:30 PM	Workshop 3: Exploring the Pivotal Role of Next Generation X-rays in Bridging the Scale-Gaps in Next Generation Energy Materials under Extremes	Chemistry Bldg. 555, Hamilton Seminar Room
	5:30 PM	Workshops Conclude	Locations

	5:30 PM	Registration Office Closes	Berkner Hall Lobby and Conf. Rm. D
5:30 PM	8:00 PM	Exhibitor Reception and Poster Session	Berkner Hall Lobby and Cafeteria

#### Tuesday, May 20, 2014

Starts	Ends	Events	Location
7:30 AM	5:00 PM	Registration Office Opens (All attendees must check in before attending any event)	Berkner Hall Lobby and Conf. Rm. D
8:00 AM	5:00 PM	Exhibitor Session	Berkner Hall Lobby and Cafeteria
8:00 AM	5:00 PM	Poster Session	Berkner Hall Cafeteria

8:30 AM 10:25 AM **Morning Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required)**

Session Chair, Bruce Ravel, Chair, Photon Sciences Users' Executive Committee, NIST

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8:30 AM	8:35 AM	Welcome, John Smedley, Vice Chair, Photon Sciences Users' Executive Committee, Brookhaven National Laboratory	Berkner Hall Auditorium
8:35 AM	8:55 AM	BNL Update, Doon Gibbs, Director, Brookhaven National Laboratory	Berkner Hall Auditorium
8:55 AM	9:40 AM	BES Update, Linda Horton, Director, Materials Sciences and Engineering Division, Department of Energy	Berkner Hall Auditorium
9:40 AM	10:25 AM	Plenary Talk 1: "DOE X-ray Light Sources and Pharmaceutical Discovery", Steve Wasserman, Senior Research Fellow, Eli Lilly and Company	Berkner Hall Auditorium

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10:25 AM	10:55 AM	<b>Morning Break</b>	Berkner Hall
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10:25 AM	12:00 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby and Cafeteria
10:25 AM	10:35 AM	Photo: PS/CFN UEC Members, BNL and DOE Management	Behind Berkner Hall
10:35 AM	10:45 AM	Photo: Users' Meeting Planning Committee	Behind Berkner Hall

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10:55 AM	12:15 PM	<b>Late Morning Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required)</b>	
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10:55 AM	12:15 PM	Session Chair, Stan Wong, Chair, CFN Users' Executive Committee, CFN, BNL, Brookhaven National Laboratory	
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10:55 AM	11:25 AM	PS Directorate Update, Steve Dierker, Associate Laboratory Director for Photon Sciences, Brookhaven National Laboratory	Berkner Hall Auditorium
11:25 AM	12:10 PM	"Plenary Talk 2: IBM's 32 Years at the NSLS: From Basic to Manufacturing Research, 1982-2014", Jean Jordan-Sweet, Research Staff Member, IBM Research Division	Berkner Hall Auditorium
12:10 PM	12:15 PM	UEC Election Results	Berkner Hall Auditorium

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12:15 PM	1:30 PM	Joint UEC lunch with DOE	Berkner Hall Conf. Rm. A
12:15 PM	1:30 PM	<b>Lunch Break (Luncheon ticket required)</b>	Cafeteria

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1:30 PM	2:45 PM	<b>Afternoon Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required)</b>	
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1:30 PM	2:45 PM	Session Chair, Balaji Raghochamachar, CFN Users' Executive Committee, Stony Brook University	
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1:30 PM	4:00 PM	BNL Exhibitor Networking Session (Open to all BNL)	Berkner Hall Lobby and Cafeteria
1:30 PM	2:00 PM	CFN Update, Emilio Mendez, Director, Center for Functional Nanomaterials, Brookhaven National Laboratory	Berkner Hall Auditorium
2:00 PM	2:45 PM	"Plenary Talk 3: Cultural Heritage Research: Challenges and Complexity in Characterization and Conservation", Julie Arslanoglu, Associate Research Scientist, The Metropolitan Museum of Art	Berkner Hall Auditorium

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2:45 PM	3:00 PM	<b>Afternoon Break</b>	Berkner Hall
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3:00 PM	5:00 PM	<b>Late Afternoon Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required)</b>	
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		Session Chair, John Smedley, Vice Chair, Photon Sciences Users' Executive Committee, Brookhaven National Laboratory	
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3:00 PM	3:15 PM	NUFO Update, Jen Bohon, Past Chair, Photon Sciences Users' Executive Committee, Case Western University	Berkner Hall Auditorium
3:15 PM	3:30 PM	Poster Winners and Community Service Award	Berkner Hall Auditorium
3:30 PM	3:50 PM	Julian David Baumert, PhD Thesis Award and Presentation, "Solving the Structure of a Transporter using a Novel Phasing Method", Romina Mancusso, Skirball Institute of Biomolecular Medicine, Qun Shen, Interim Deputy for Science, Photon Sciences Directorate, Brookhaven National Laboratory	Berkner Hall Auditorium
4:00 PM	5:00 PM	Keynote Presentation, Simon Bare, Research Fellow, UOP LLC, a Honeywell Company	Berkner Hall Auditorium
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5:00 PM	5:30 PM	Photon Sciences UEC Meeting	Berkner Hall Conf. Rm. B
5:00 PM	5:30 PM	CFN UEC Meeting	Berkner Hall Conf. Rm. A
	5:15 PM	Board buses to Bellport Country Club for Banquet	Outside Berkner Hall - Bldg. 488
	5:30 PM	Buses leave BNL to Bellport Country Club	Outside Berkner Hall - Bldg. 488
6:00 PM	9:30 PM	Users' Meeting Annual Banquet ( Bellport Country Club )	Bellport, NY
	9:45 PM	Buses Depart to BNL and Hotel	

## Wednesday, May 21, 2014

Starts	Ends	Events	Location
8:00 AM	12:00 PM	Registration Office Open (All attendees must check in before attending any event)	Berkner Hall Lobby and Conf. Rm. D
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9:00 AM	5:00 PM	<b>Workshops</b>	Locations
8:30 AM	4:45 PM	Workshop 4: Radiation Effects at X-ray Doses From MegaGrays to PetaGrays and Above – The Impact for Science at NSLS-II	Chemistry Bldg. 555, Hamilton Seminar Room
9:00 AM	5:30 PM	Workshop 5: Synchrotron-based Probes for Studying the Interactions between Living Systems and the Environment	Berkner Hall, Conference Room B
8:50 AM	5:00 PM	Workshop 6: In Situ Probes for Investigating Solar Energy Conversion	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
	2:00 PM	Exhibitor Session Ends	Berkner Hall Lobby and Cafeteria
	5:30 PM	All Workshops Conclude	



## 2014 NSLS/NSLS-II & CFN Joint Users' Meeting

### Workshops

#### Monday, May 19, 2014

Workshop 1	<p><b>Momentum-Resolved Study of Low Energy Dynamics in Solids with Synchrotron Radiation: From Inelastic X-ray Scattering to Near-field Infrared Spectroscopy</b>  <i>Organizer(s)</i>: Larry Carr, Photon Sciences (PS-BNL), carr@bnl.gov; Yong Cai, Photon Sciences (PS-BNL), cai@bnl.gov; Ignace Jarrige, Photon Sciences (PS-BNL), jarrige@bnl.gov</p>	Berkner Hall, Conference Room B
Workshop 2	<p><b>Complex Functional Materials: Probing the Meso-Scale Structural Organization and the System Dynamics with Soft X-ray</b>  <i>Organizer(s)</i>: Konstantine Kaznatcheev, Photon Sciences (PS-BNL), kaznatch@bnl.gov; Oleg Gang, Center for Functional Nanomaterials (CFN-BNL), ogang@bnl.gov</p>	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
Workshop 3	<p><b>Exploring the Pivotal Role of Next Generation X-rays in Bridging the Scale-Gaps in Next Generation Energy Materials under Extremes</b>  <i>Organizer(s)</i>: Nick Simos, Nuclear Science and Technology Department (BNL), simos@bnl.gov; Juergen Thieme, Photon Sciences (PS-BNL), jthieme@bnl.gov; Hanfei Yan, Photon Sciences (PS-BNL), hyan@bnl.gov</p>	Chemistry Bldg. 555, Hamilton Seminar Room

#### Wednesday, May 21, 2014

Workshop 4	<p><b>Radiation Effects at X-ray Doses From MegaGrays to PetaGrays and Above – The Impact for Science at NSLS-II</b>  <i>Organizer(s)</i>: Sean McSweeney, Photon Sciences (PS-BNL), smcsweeney@bnl.gov; Keith Jones, Environmental Sciences Department (BNL), jones@bnl.gov; Sergei Lymar, Chemistry Department (BNL), lymar@bnl.gov; Dean Hesterberg, NC State, Raleigh, dean_hesterberg@ncsu.edu</p>	Chemistry Bldg. 555, Hamilton Seminar Room
Workshop 5	<p><b>Synchrotron-based Probes for Studying the Interactions between Living Systems and the Environment</b>  <i>Organizer(s)</i>: Lisa Miller, (Photon Science-BNL), lmiller@bnl.gov; Ryan Tappero, (Photon Science-BNL), rtappero@bnl.gov; Juergen Thieme, (Photon Science-BNL), jthieme@bnl.gov; Ben Babst (Biosciences-BNL), bbabst@bnl.gov; Martin Schoonen, (Environmental Sciences-BNL), mschoonen@bnl.gov</p>	Berkner Hall, Conference Room B
Workshop 6	<p><b>In Situ Probes for Investigating Solar Energy Conversion</b>  <i>Organizer(s)</i>: Fernando Camino, Center for Functional Nanomaterials (CFN-BNL), fcamino@bnl.gov; Mingzhao Liu, Center for Functional Nanomaterials (CFN-BNL), mzliu@bnl.gov; Matthew Eisaman, Sustainable Energy Technologies Department, meisaman@bnl.gov; Matthew Sfeir, Center for Functional Nanomaterials (CFN-BNL), msfeir@bnl.gov; Richard Matyi, SUNY College of Nanoscale Science and Engineering, rmatyi@albany.edu</p>	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room