



2010 NSLS/CFN Joint Users' Meeting

Agenda

Sunday, May 23, 2010

Starts	Ends	Events	Location
4:00 PM	7:00 PM	Early Registration – Registration Office Opens	Berkner Hall Lobby & Conf. Rm D
4:00 PM	7:00 PM	Optional Vendor Set Up	Berkner Hall Lobby & Cafeteria
4:00 PM	7:00 PM	Poster Set up	Berkner Hall Cafeteria

Monday, May 24, 2010

Starts	Ends	Events	Location
7:00 AM	11:30 AM	Exhibitor Set Up	Berkner Hall Lobby & 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 & Conf. Rm D
8:15 AM	5:00 PM	Seeing is Believing - Synchrotron-Based Methods of Imaging of Catalysts in Action	Physics Bldg. 510, Large Seminar Room
8:30 AM	1:00 PM	Biomineralization: Effects of the Environment on Biological Development (Half-day workshop)	Berkner Hall, Bldg. 488, Conference Room C
8:45 AM	1:00 PM	Nanoscale Diffraction of Materials (Half-day workshop)	Office of Educational Programs, Bldg. 438, Seminar Room
8:45 AM	5:45 PM	Self-Assembly of Soft and Biomolecular Materials: Structure, Dynamics, and Interactions	CFN Bldg. 735, Large Conference Room
8:45 AM	4:40 PM	Bringing Big Science into the Classroom: BNL's NSLS and CFN	Berkner Hall, Bldg. 488, Conference Room B
12:00 PM	2:00 PM	Lunch for Workshop Attendees	Berkner Hall Cafeteria
2:00 PM	5:00 PM	Exhibitor Set Up	Berkner Hall Lobby & Cafeteria
	5:00 PM	Registration Office closes	Berkner Hall Lobby & Conf. Rm D
	5:00 PM	All Workshops Conclude	Workshop Locations
5:30 PM	8:00 PM	Exhibitor Reception and Poster Session	Berkner Hall Lobby and Cafeteria

Tuesday, May 25, 2010

Starts	Ends	Events	Location
7:30 AM	5:05 PM	Registration Office open – all attendees must check in before attending any event	Berkner Hall Lobby & Conf. Rm D
8:00 AM	5:05 PM	Vendor Exhibitor, Poster Session	Berkner Hall Lobby & Cafeteria

8:30 AM	10:10 AM	Morning Plenary Session	Berkner Hall Auditorium
Session Chair, Bruce Ravel, Ph.D., Chair, NSLS Users' Executive Committee, National Institute of Standards & Technology			

8:30 AM	8:35 AM	Welcome, Antonio Lanzirotti, Ph.D., Vice Chair, NSLS Users' Executive Committee, University of Chicago	Berkner Hall Auditorium
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8:35 AM	8:55 AM	BNL Update, Samuel Aronson, Ph.D., Laboratory Director, Brookhaven National Laboratory	Berkner Hall Auditorium
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8:55 AM	9:25 AM	BES Update, Harriet Kung, Ph.D., Associate Director of Science for Basic Energy Sciences, U.S. Department of Energy	Berkner Hall Auditorium
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9:25 AM	10:10 AM	Keynote Address, William F. Brinkman, Ph.D., Director, Office of Science, U.S. Department of Energy	Berkner Hall Auditorium
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10:10 AM	10:40 AM	Morning Break	
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10:15 AM	10:25 AM	Photo Session - NSLS/CFN UEC Members, BNL and DOE Management	
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10:25 AM	10:35 AM	Photo Session – Users' Meeting Planning Committee	
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10:40 AM	12:10 PM	Late Morning Session	Berkner Hall Auditorium
Session Chair, Antonio Lanzirotti, Ph.D., Vice Chair, NSLS Users' Executive Committee, University of Chicago			

10:40 AM	12:00 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby & Cafeteria
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10:40 AM	11:10 AM	NSLS-II Update, Steven Dierker, Ph.D., Associate Laboratory Director for Light	Berkner Hall Auditorium
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11:10 AM	11:50 AM	Scientific Talk: Materials Issues for Photoelectrochemical Water Splitting, John Turner, Ph.D., Research Fellow, National Renewable Energy Laboratory	Berkner Hall Auditorium
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11:50 AM	12:10 PM	Julian Baumert PhD Thesis Award Winner	Berkner Hall Auditorium
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12:10 PM	1:10 PM	Lunch Break (Luncheon Ticket Required)	Berkner Hall
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12:10 PM	1:10 PM	Joint UEC Luncheon, Harriet Kung, Ph.D., Associate Director of Science for Basic Energy Sciences, U.S. Department of Energy	Berkner Hall, Conf. Rm A
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1:10 PM	3:10 PM	Early Afternoon Session	Berkner Hall Auditorium
Session Chair, Stanislaus Wong, Ph.D., Chair, CFN User's Executive Committee, Department of Chemistry, Stony Brook University / Brookhaven National Laboratory			

1:10 PM	4:00 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby & Cafeteria
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1:10 PM	1:40 PM	NSLS Update, Chi-Chang Kao, Ph.D., Chair, National Synchrotron Light Source, Brookhaven National Laboratory	Berkner Hall Auditorium
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1:40 PM	2:10 PM	CFN Update, Emilio Mendez, Ph.D., Director, Center for Functional Nanomaterials, Brookhaven National Laboratory	Berkner Hall Auditorium
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2:10 PM	2:50 PM	Scientific Talk: From Microbes to the Globe: What Cell-Specific Analyses of Elemental Content of Planktonic Organisms can tell us about Marine Biogeochemical Cycles, Stephen Baines, Ph.D., Assistant Professor of Ecology and Evolution, Stony Brook University	Berkner Hall Auditorium
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2:50 PM	3:10 PM	Afternoon Break	Berkner Hall Lobby
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3:10 PM	5:05 PM	Late Afternoon Session	
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Session Chair, Balaji Raghothamachar, Ph.D., Vice Chair, CFN Users' Executive Committee, Materials Science and Engineering Department, Stony Brook University

3:10 PM	3:50 PM	Scientific Talk: Multiple Exciton Generation, QD Solar Cells, and Carrier Dynamics in PbSe QD Films, Matthew Beard, Ph.D., Senior Scientist, National Renewable Energy Laboratory	Berkner Hall Auditorium
3:50 PM	4:30 PM	Scientific Talk: Engineering Microstructure for Enhanced Performance in Silicon-Based Photovoltaic Materials, Tonio Buonassisi, Ph.D., Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology	Berkner Hall Auditorium
4:30 PM	4:45 PM	Poster Session Winners, UEC and SpIG Election Results, Community Service Award Winner (s)	Berkner Hall Auditorium
4:45 PM	4:55 PM	CFN UEC Update	Berkner Hall Auditorium
4:55 PM	5:05 PM	NSLS UEC Update	Berkner Hall Auditorium
5:05 PM	5:35 PM	CFN UEC Meeting	Berkner Hall, Conf. Rm A
5:05 PM	5:35 PM	NSLS UEC Meeting	Berkner Hall, Conf. Rm B
5:30 PM		Bus Pick up at Hotels	
6:00 PM		Bus Pick up at BNL	

Tuesday Night Users' Meeting Banquet

6:30 PM	7:30 PM	Cocktail Hour	Atlantis Marine World Aquarium, Riverhead, NY
7:30 PM	10:00 PM	Annual Banquet and Shark Dive	Atlantis Marine World Aquarium, Riverhead, NY

Wednesday, May 26, 2010

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 & Conf. Rm D
8:45 AM	5:00 PM	Future Experiments with Coherent X-Rays	Berkner Hall, Conference Rm. B
8:45 AM	5:00 PM	Frontiers in Automated Crystal Handling and Visualization - 1 1/2 day Workshop	Chemistry Bldg. 555, Hamilton Seminar Room
8:45 AM	5:00 PM	Conventional and Unconventional Lithographic Techniques: A Hands-On Workshop	CFN Bldg. 735, Large Conference Room
	12:00 PM	Registration Office Closes	Berkner Hall, Conf. Rm D
		Poster Session Ends	Berkner Hall Cafeteria
12:00 PM	2:00 PM	Lunch for Workshop Attendees	Berkner Hall Cafeteria
	1:30 PM	Exhibitor Session Ends	Berkner Hall Lobby & Cafeteria
	5:00 PM	Workshops Conclude	Workshop Locations

Thursday, May 27, 2010

Starts	Ends	Events	Location
8:45 AM	12:10 PM	Frontiers in Automated Crystal Handling and Visualization - Continued from Wednesday	Chemistry Bldg. 555, Hamilton Seminar Room



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Workshops

Monday, May 24, 2010

Workshop 1	Seeing is Believing - Synchrotron-Based Methods of Imaging of Catalysts in Action <i>Organizer(s):</i> Simon Bare (UOP LLC, A Honeywell Company), Simon.Bare@uop.com; Anatoly Frenkel (Yeshiva University), frenkel@bnl.gov	Physics Bldg. 510, Large Seminar Room
Workshop 2	Biominerzalization: Effects of the Environment on Biological Development (Half-day workshop) <i>Organizer(s):</i> Miriam Rafailovich (Stony Brook University), mrafailovich@notes.cc.sunysb.edu; Yizhi Meng (Stony Brook University), ymeng@sunysb.edu	Berkner Hall, Bldg. 488, Conference Room C
Workshop 3	Nanoscale Diffraction of Materials (Half-day workshop) <i>Organizer(s):</i> Eric Dooryhee (BNL-NSLSII), edooryhee@bnl.gov; Simon Billinge (Columbia University and BNL-CMPMSD), sb2896@columbia.edu; Lars Ehm (Stony Brook University and BNL-NSLS), ehm@bnl.gov	Office of Educational Programs, Bldg. 438, Seminar Room
Workshop 4	Self-Assembly of Soft and Biomolecular Materials: Structure, Dynamics, and Interactions <i>Organizer(s):</i> Masafumi Fukuto (BNL-CMPMSD), fukuto@bnl.gov; Dmytro Nykypanchuk (BNL-CFN), dnykpan@bnl.gov; Helmut Strey (Stony Brook University), hstrey@notes.cc.sunysb.edu; Alexei Tkachenko (BNL-CFN), oleksiyt@bnl.gov	CFN Bldg. 735, Large Conference Room
Workshop 5	Bringing Big Science into the Classroom: BNL's NSLS and CFN <i>Organizer(s):</i> Scott Bronson (BNL/CEPGA), sbronson@bnl.gov; Antonio Lanzirotti (NSLS/University of Chicago), lanzirotti@bnl.gov	Berkner Hall, Bldg. 488, Conference Room B

Wednesday, May 26, 2010

Workshop 6	Future Experiments with Coherent X-Rays <i>Organizer(s):</i> Cecilia Sanchez-Hanke (BNL-NSLS), hanke@bnl.gov; Matts Bjoerk (MAX-lab), Matts.Bjork@maxlab.lu.se; Olof Karis (Uppsala University), olof.karis@fysik.uu.se	Berkner Hall, Conference Rm. B
Workshop 7	Frontiers in Automated Crystal Handling and Visualization (1 1/2 day workshop) <i>Organizer(s):</i> Dieter Schneider, Biology/BNL, schneider@bnl.gov; Alexei Soares, Biology/BNL, soares@bnl.gov; Vivian Stojanoff, NSLS, stojanof@bnl.gov	Chemistry Bldg. 555, Hamilton Seminar Room
Workshop 8	Conventional and Unconventional Lithographic Techniques: A Hands-On Workshop <i>Organizer(s):</i> Fernando Camino (BNL-CFN), fcamino@bnl.gov; Aaron Stein (BNL-CFN), stein@bnl.gov; Ming Lu (BNL-CFN), mlu@bnl.gov	CFN Bldg. 735, Large Conference Room

Thursday, May 27, 2010

Workshop 7	Frontiers in Automated Crystal Handling and Visualization (Continued from Wednesday) <i>Organizer(s):</i> Dieter Schneider, Biology/BNL, schneider@bnl.gov; Alexei Soares, Biology/BNL, soares@bnl.gov; Vivian Stojanoff, NSLS, stojanof@bnl.gov	Chemistry Bldg. 555, Hamilton Seminar Room
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