



2016 NSLS-II & CFN Joint Users' Meeting

Agenda

Sunday, May 22, 2016

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 Cafeteria
4:00 PM	7:00 PM	Poster Set Up (Optional)	Berkner Hall Cafeteria

Monday, May 23, 2016

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	11:30 AM	Exhibitor Set Up	Berkner Hall Lobby and Cafeteria
7:00 AM	11:30 AM	Poster Set Up	Berkner Hall Cafeteria
9:00 AM	6:00 PM	Workshops	Locations
9:00 AM	6:00 PM	Workshop 1: Two-Dimensional van der Waals Semiconductors for Energy Conversion Applications	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
8:30 AM	6:00 PM	Workshop 2: Meeting the Challenges of Big Data Sets	Berkner Hall, Bldg. 488, Conference Room B
9:00 AM	5:30 PM	Workshop 3: Operando Structural Characterization of Polymer Processing	Chemistry Bldg. 555, Hamilton Seminar Room
2:30 PM	6:00 PM	Workshop 4: 3D Metrology Using a Conventional SEM: A Total Hands-on Workshop	Center for Functional Nanomaterials (CFN), Bldg. 735, Small Conference Room
3:00 PM	4:00 PM	NSLS-II Tours	NSLS-II, LOB 740
12:30 PM	1:30 PM	Lunch Break (included - Luncheon ticket required)	
12:30 PM	2:30 PM	Exhibitor and Poster Session	Berkner Hall Lobby and Cafeteria
	6:00 PM	Workshops Conclude	Locations
	6:00 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
5:30 PM	8:00 PM	Discovery Park and BNL Quality of Life/Infrastructure	Berkner Hall Lobby

Tuesday, May 24, 2016

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	10:55 AM	Morning Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required) (Session Chair, Jean Jordan-Sweet, Chair, NSLS-II Users' Executive Committee, IBM Research)	
8:30 AM	8:35 AM	Welcome, Donald Weidner, Distinguished Professor, Stony Brook University	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	Department of Energy Office of Science Update, Cherry Murray, Director of the Department of Energy's Office of Science, U.S. Department of Energy	Berkner Hall Auditorium
9:40 AM	10:25 AM	Keynote Talk: "A Glimpse into the Future of X-ray Science", Chi-Chang Kao, Director, SLAC, National Accelerator Laboratory	Berkner Hall Auditorium
10:25 AM	10:55 AM	Morning Break - Continental Breakfast (included)	
10:25 AM	1:30 PM	Discovery Park and BNL Quality of Life/Infrastructure	Berkner Hall Lobby
10:25 AM	12:15 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby and Cafeteria
10:25 AM	10:35 AM	Photo Session - NSLS-II/CFN UEC Members, BNL and DOE Management	Outside Berkner Hall
10:35 AM	10:45 AM	Photo Session - Users' Meeting Planning Committee	Outside Berkner Hall
10:55 AM	12:15 PM	Late Morning Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required) (Session Chair, Donald Weidner, Vice Chair, NSLS-II Users' Executive Committee, Stony Brook University)	
10:55 AM	11:25 AM	NSLS-II Update, John Hill, Deputy ALD for Energy Sciences & Photon Sciences and Director of NSLS-II, Brookhaven National Laboratory	Berkner Hall Auditorium
11:25 AM	11:45 AM	Beamline Talk 1, Klaus Attenkofer, Lead Beamline Scientist for Inner-Shell Spectroscopy (ISS) Beamline, NSLS-II, Brookhaven National Laboratory	Berkner Hall Auditorium
11:45 AM	12:05 PM	Beamline Talk 2, Lin Yang, Lead Beamline Scientist for Life Science X-ray Scattering (LiX) Beamline, NSLS-II, Brookhaven National Laboratory	Berkner Hall Auditorium
12:05 PM	12:15 PM	UEC Election Results	Berkner Hall Auditorium
12:15 PM	1:30 PM	Lunch Break (included - Luncheon ticket required)	Cafeteria
12:15 PM	1:30 PM	Joint UEC lunch with DOE, Office of Basic Energy Sciences	Berkner Hall Conf. Rm. A
1:30 PM	3:00 PM	Early Afternoon Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required) (Session Chair, Nathalie Bouet, Chair, CFN Users' Executive Committee, Brookhaven National Laboratory)	Berkner Hall Auditorium
1:30 PM	5:25 PM	BNL Exhibitors Networking Session (Open to all BNL)	Berkner Hall Lobby and Cafeteria
1:30 PM	2:00 PM	CFN Update, Charles Black, Director, Center for Functional Nanomaterials (CFN), Brookhaven National Laboratory	Berkner Hall Auditorium
2:00 PM	2:45 PM	Plenary Talk 1: "Advanced Concepts for Efficient Solar Photon Conversion to PV and Fuels Based on Nanoscience", Arthur Nozik, Department of Chemistry, University of Colorado at Boulder/NREL	Berkner Hall Auditorium
2:45 PM	3:00 PM	Poster Winners and Community Service Award	Berkner Hall Auditorium
3:00 PM	4:00 PM	NSLS-II Tours	NSLS-II, LOB 740
3:00 PM	3:20 PM	Afternoon Break (included)	Berkner Hall
3:20 PM	5:10 PM	Late Afternoon Plenary Session - Plenary Sessions are Open to All Free of Charge (Registration is required)	

		(Session Chair, Stanislaus Wong, Vice Chair, CFN Users' Executive Committee, Stony Brook University)	
3:20 PM	4:05 PM	Plenary Talk 2: "Macromolecular Imaging using Disordered Crystals", Henry Chapman, Prof. U. Hamburg, Division Director, Coherent Imaging Team, Center for Free-Electron Laser Science, DESY	Berkner Hall Auditorium
4:05 PM	4:30 PM	Beamline Talk 3A, Dieter Schneider, Lead Beamline Scientist, Highly Automated Macromolecular Crystallography (AMX) Beamline, NSLS-II, Brookhaven National Laboratory	Berkner Hall Auditorium
		Beamline Talk 3B, Martin Fuchs, Lead Beamline Scientist, Frontier Microfocusing Macromolecular Crystallography (FMX) Beamline, NSLS-II, Brookhaven National Laboratory	Berkner Hall Auditorium
4:30 PM	4:50 PM	Beamline Talk 4, Jen Bohon, Lead Beamline Scientist, X-ray Footprinting for In Vitro & In Vivo Structural Studies (XFP) Beamline, Assistant Professor, Case Western Reserve University	Berkner Hall Auditorium
4:50 PM	5:10 PM	Julian David Baumert, Ph.D. Thesis Award and Presentation	Berkner Hall Auditorium
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5:10 PM	5:40 PM	MX Information Meeting	Berkner Hall Conf. Rm. C
5:10 PM	5:40 PM	NSLS-II UEC Meeting	Berkner Hall Conf. Rm. B
5:10 PM	5:40 PM	CFN UEC Meeting	Berkner Hall Conf. Rm. A
	5:45 PM	Board Bus to the East Wind for Banquet	Outside Berkner Hall - Bldg. 488
	6:00 PM	Bus leaves BNL to the East Wind	Outside Berkner Hall - Bldg. 488
6:30 PM	10:00 PM	Users' Meeting Annual Banquet (East Wind)	Wading River, NY
	10:00 PM	Bus Departs to BNL	

Wednesday, May 25, 2016

Starts	Ends	Events	Location
8:00 AM	2:30 PM	Registration Office Opens (All attendees must check in before attending any event)	Berkner Hall Conf. Rm. D
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9:00 AM	6:00 PM	Workshops	Locations
8:30 AM	12:30 PM	Workshop 5: Renewable Energies: Where Applied and Basic Sciences Meet	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
2:45 PM	6:00 PM	Workshop 6: The Earth Laboratory: Experimental and Computational Tools and Infrastructure for Cross-cutting Earth Sciences	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
9:00 AM	5:30 PM	Workshop 7: Scanning X-ray Microdiffraction	Physics, Bldg. 510, Large Seminar Room
8:30 AM	6:00 PM	Workshop 8: New Detectors for New Light Source	Chemistry Bldg. 555, Hamilton Seminar Room
9:00 AM	6:00 PM	Workshop 9: Dynamics via XPCS in Soft and Hard Matter/Regime	Berkner Hall, Bldg. 488, Conference Room B
12:30 PM	1:30 PM	Lunch Break (included - Luncheon ticket required)	Berkner Hall Lobby and Cafeteria
12:30 PM	2:30 PM	Exhibitor and Poster Session	Berkner Hall Lobby and Cafeteria
3:00 PM	4:00 PM	NSLS-II Tours	NSLS-II, LOB 740
	6:00 PM	Workshops Conclude	Workshop Locations



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Workshops

Monday, May 23, 2016

Workshop 1	<p>Two-Dimensional van der Waals Semiconductors for Energy Conversion Applications <i>Organizer(s):</i> Chang-Yong Nam, Center for Functional Nanomaterials (CFN-BNL), cynam@bnl.gov; Mircea Cotlet, Center for Functional Nanomaterials (CFN-BNL), cotlet@bnl.gov; Jurek Sadowski, Center for Functional Nanomaterials (CFN-BNL), sadowski@bnl.gov; Mingzhao Liu, Center for Functional Nanomaterials (CFN-BNL), mzliu@bnl.gov; Davood Shahrjerdi, New York University, ds4547@nyu.edu</p>	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
Workshop 2	<p>Meeting the Challenges of Big Data Sets <i>Organizer(s):</i> Dmitri Zakharov, Center of Functional Nanomaterials (CFN-BNL), dzakharov@bnl.gov; Shinjae Yoo, Computational Science Center (CC-BNL), sjyoo@bnl.gov; Stuart Wilkins, National Synchrotron Light Source (NSLS II-BNL), swilkins@bnl.gov</p>	Berkner Hall, Bldg. 488, Conference Room B
Workshop 3	<p>Operando Structural Characterization of Polymer Processing <i>Organizer(s):</i> Ben Ocko, National Synchrotron Light Source (NSLS II-BNL), ocko@bnl.gov; Kevin Yager, Center of Functional Nanomaterials (CFN-BNL), kyager@bnl.gov; Dean DeLongchamp (NIST), deand@nist.gov</p>	Chemistry Bldg. 555, Hamilton Seminar Room
Workshop 4	<p>SEM Stereo Imaging and 3D Reconstruction for Metrology: A Total Hands-on Workshop <i>Organizer(s):</i> Mikala Shremshock, Alicona Corporation; Jack Mershon, Tescan USA, Inc.; Fernando Camino, Center for Functional Nanomaterials (CFN-BNL)</p>	Center for Functional Nanomaterials (CFN), Bldg. 735, Small Conference Room B on 2nd floor

Wednesday, May 25, 2016

Workshop 5	<p>Renewable Energies: Where Applied and Basic Sciences Meet <i>Organizer(s):</i> Alessandra Colli, Sustainable Energy Technologies Department (ST-BNL), acolli@bnl.gov; Michael Dudley, mdudley@bnl.gov and Balaji Raghothamachar, braghoth@bnl.gov, Department of Materials Science & Engineering, Stony Brook University</p>	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
Workshop 6	<p>The Earth Laboratory: Experimental and Computational Tools and Infrastructure for Cross-cutting Earth Sciences <i>Organizer(s):</i> Lars Ehm, Stony Brook University/Brookhaven National Laboratory (SBU/BNL), Donald Weidner, Stony Brook University; John Parise, Stony Brook University/Brookhaven National Laboratory (SBU/BNL), Richard Reeder(SBU), and Martin Schoonen, Environment, Biology, Nuclear Science & Nonproliferation (DJ-BNL)</p>	Center for Functional Nanomaterials (CFN), Bldg. 735, Large Conference Room
Workshop 7	<p>Scanning X-ray Microdiffraction <i>Organizer(s):</i> Lee Makowski, Northeastern University, lmakowski@neu.edu; Martin Fuchs, National Synchrotron Light Source (NSLS II-BNL), mfuchs@bnl.gov and Lin Yang, National Synchrotron Light Source (NSLS II-BNL), lyang@bnl.gov</p>	Physics, Bldg. 510, Large Seminar Room

Workshop 8	New Detectors for New Light Sources <i>Organizer(s):</i> Abdul K. Rumaiz, National Synchrotron Light Source (NSLS II-BNL); D. Peter Siddons, National Synchrotron Light Source (NSLS II-BNL); Gabriele Giacomini, Instrumentation Division (IO-BNL)	Chemistry Bldg. 555, Hamilton Seminar Room
Workshop 9	Probing Dynamics in Soft and Hard Condensed Matter with Coherent X-rays <i>Organizer(s):</i> Claudio Mazzoli, National Synchrotron Light Source (NSLS II-BNL), cmazzoli@bnl.gov; Lutz Wiegart, National Synchrotron Light Source (NSLS II-BNL), lwiegart@bnl.gov ; Andi Barbour, National Synchrotron Light Source (NSLS II-BNL); Andrei Fluerașu, National Synchrotron Light Source (NSLS II-BNL); Stuart Wilkins, National Synchrotron Light Source (NSLS II-BNL); Yugang Zhang, National Synchrotron Light Source (NSLS II-BNL)	Berkner Hall, Bldg. 488, Conference Room B